



Agricultural Marketing Service  
U.S. DEPARTMENT OF AGRICULTURE

# Pesticide Data Program

Annual Summary, Calendar Year 2020



Visit the program website at: [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp)

January 2022



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Dear Reader:

We are pleased to present the Pesticide Data Program's (PDP) 30th Annual Summary for calendar year 2020 and to celebrate the program's 30-year anniversary! Since the program's inception in 1991, over 310,000 samples have been collected and analyzed from 126 different commodities generating 42 million pesticide-commodity data points. Thirty years of PDP residue data (available through our website) represent one of the largest sources of food pesticide residue data available.

The U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS) conducts the PDP each year to collect new/updated data on pesticide residues in food. This Annual Summary report shows that when pesticide residues are found on foods, they are nearly always at levels below the tolerance, or maximum amount of a pesticide allowed to remain in or on a food, that is set by the U.S. Environmental Protection Agency (EPA).

The PDP provides high-quality, nationally representative pesticide residue data that contribute to the information available to help ensure consumer confidence in the foods they provide to their families. More than 99 percent of the products sampled through PDP had residues below the EPA tolerances. Ultimately, if EPA determines a pesticide use is not safe for human consumption, EPA will mitigate exposure to the pesticide through actions such as amending label instructions or changing or revoking a tolerance.

The PDP tests a wide variety of domestic and imported foods, with a strong focus on foods that are consumed by infants and children. EPA relies on PDP data to conduct dietary risk assessments and to review the maximum amount of a pesticide allowed to remain in or on a food. USDA uses the data to better understand the relationship of pesticide residues to agricultural practices and to implement USDA's Integrated Pest Management objectives. USDA also works with U.S. growers to improve agricultural practices and to facilitate the adoption of integrated pest management techniques, including judicious use of pesticides, throughout the food supply chain.

The PDP is not designed for enforcement of EPA pesticide residue tolerances. Rather, the U.S. Food and Drug Administration (FDA) is responsible for enforcing EPA tolerances. The PDP provides FDA and EPA with monthly reports of pesticide residue testing and informs the FDA if residues detected exceed the EPA tolerance or have no EPA tolerance established.

To collect the data in this report, the PDP works with State agencies representing all census regions of the country and nearly half of the U.S. population. In 2020, analyzed samples were collected in California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington.

For more information about PDP, please visit our website at <https://www.ams.usda.gov/datasets/pdp>. For additional information about pesticides and food, please visit EPA's website at <http://www.epa.gov/safepestcontrol> and FDA's website at <http://www.fda.gov/Food/Chemicals-Metals-Pesticides-Food/Pesticides>.

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## *Acknowledgements*

The States participating in the Pesticide Data Program (PDP) deserve special recognition for their contributions to the program. The dedication and flexibility of sample collectors allow the U.S. Department of Agriculture's (USDA) Agricultural Marketing Service (AMS) to adjust sampling protocols when responding to changing trends in commodity distribution and availability. PDP acknowledges the contributions of the State laboratories in providing testing services to the program and the USDA, National Agricultural Statistics Service for providing statistical support. PDP also acknowledges the exceptional support of the Health Effects Division staff of the U.S. Environmental Protection Agency, Office of Pesticide Programs, and the U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition, Office of Food Safety, in helping to set the direction for PDP.

Data presented in this report are the latest available and were collected and processed through the efforts of the following organizations:

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California Department of Pesticide Regulation  
Colorado Department of Agriculture  
Florida Department of Agriculture and  
Consumer Services  
Maryland Department of Agriculture  
Michigan Department of Agriculture and  
Rural Development  
New York Department of Agriculture and  
Markets  
North Carolina Department of Agriculture &  
Consumer Services  
Ohio Department of Agriculture  
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## *Executive Summary*

In 1991, the U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS) was charged with designing and implementing the Pesticide Data Program (PDP) to collect data on pesticide residues in food, and Congress mandated the program in the 1996 Food Quality Protection Act. PDP provides high-quality data on pesticide residues in food, particularly foods most likely consumed by infants and children. This 30th Pesticide Data Program summary presents results for samples collected in 2020.

Before a company can sell or distribute any pesticide in the United States, the Environmental Protection Agency (EPA) reviews studies on the pesticide to ensure that it will not pose unreasonable risks to human health or the environment, while considering the economic, social, and environmental costs and benefits of the use of any pesticide. Once EPA has made that determination, it will license or register that pesticide for use in strict accordance with label directions. Before allowing a pesticide to be used on a food commodity, EPA sets limits on how much of a pesticide may be used on food during growing, processing, and storage, and how much can remain on the food that reaches the consumer. In setting the tolerance, or maximum residue limit in food, EPA makes a safety finding that the pesticide can be used with a reasonable certainty of no harm by considering the toxicity of the pesticide, how much of the pesticide is applied and how often, how much of the pesticide remains in or on food by the time it is marketed and prepared, and all possible routes of exposure including use on crops, exposure from drinking water, and residential exposure.

PDP data are provided to EPA for its consideration in setting and reviewing tolerances. FDA monitors food in interstate commerce to ensure that these limits are not exceeded. EPA also sets standards to protect workers from exposure to pesticides on the job.

AMS's Monitoring Programs Division (MPD) is responsible for the administration, planning, and coordination of day-to-day PDP operations. MPD regularly engages with EPA and other

Government agencies to establish program priorities and direction. In 2020, sampling and/or testing program operations were carried out with the support of 10 States: California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. These States had a prominent role in program planning and policy setting, particularly policies relating to quality assurance.

PDP commodity sampling is based on a rigorous statistical design that ensures the data are reliable for use in exposure assessments and can be used to draw various conclusions about the Nation's food supply. The pesticides and commodities to be included each year in the sampling are selected based on EPA data needs, and the types and amounts of food consumed by infants and children are considered. The number of samples collected by each State is apportioned according to that State's population. Samples are randomly chosen close to the time and point of consumption (i.e., distribution centers rather than at the farm gate) and reflect what is typically available to the consumer throughout the year. Samples are selected without regard to country of origin, variety, growing season, or organic labeling.

Fresh and processed fruit and vegetables accounted for 100 percent of the total 9,600 samples collected in 2020. Fresh and processed fruit and vegetables tested during 2020 were: apple juice, bananas, blueberries (fresh and frozen), broccoli, cantaloupe, carrots, cauliflower, collard greens, eggplant, green beans, kiwi fruit, orange juice, radishes, summer squash, sweet bell peppers, tangerines, tomato paste and winter squash. Domestic samples accounted for 59.5 percent of the samples, while 34.9 percent were imports, 4.9 percent were of mixed national origin, and 0.7 percent were of unknown origin. COVID-19-related closures disrupted PDP sampling for most of the year in 2020, which may have impacted the seasonal observations within the data this year. Specific COVID-19-related sampling information can be found in Section II. Sampling Operations.

Because PDP data are used for risk assessments, PDP laboratory methods are geared to detect very low levels of pesticide residues, even when those levels are well below the tolerances established by EPA. Prior to testing, PDP analysts washed samples for 15

to 20 seconds with gently running cold water as a consumer may do; no chemicals, soaps, or any special washes were used.

This summary report includes the distribution of residues by pesticide. The full results for more than 2.6 million analyses, representing each pesticide monitored on each commodity, are too numerous to be included in their entirety in this summary. The complete PDP database file for 2020 along with annual summaries and database files for previous years are available on the PDP website at <http://www.ams.usda.gov/pdp> or by contacting MPD at [amsmpo.data@usda.gov](mailto:amsmpo.data@usda.gov). PDP data are also available using the PDP database search tool that can be accessed at: <https://apps.ams.usda.gov/pdp>.

In 2020, over 99 percent of the samples tested had residues below the tolerances established by the EPA with 30.0 percent having no detectable residue. Appendixes B and C provide a distribution of residues by pesticide for the commodities tested. Residues exceeding the tolerance were detected in 0.49 percent (47 samples) of the total samples tested (9,600 samples). Of these 47 samples, 35 were

domestic (74.5 percent), 11 were imported (23.4 percent), and 1 was of unknown origin (2.1 percent). Residues with no established tolerance were found in 3.2 percent (303 samples) of the total samples tested (9,600 samples). Of these 303 samples, 199 were domestic (65.7 percent), 100 were imported (33.0 percent), and 4 were of unknown origin (1.3 percent).

PDP is a voluntary program and is not designed for enforcement of tolerances. However, PDP informs the U.S. Food and Drug Administration and EPA of presumptive tolerance violations if detected residues exceed the EPA tolerance or if residues are detected that have no EPA tolerance established.

PDP laboratories also test foods for low levels of environmental contaminants that are no longer used as pesticides in the United States, but due to their persistence in the environment, particularly in soil, can be taken up by plants. Results for environmental contaminants in all commodities are listed in Appendix C. More information on results is provided in the Sample Results and Discussion section of this summary.

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## *Acronyms and Abbreviations*

% C.V.	Percent Coefficient of Variation
A2LA	American Association for Laboratory Accreditation
AL	Action Level
AMS	Agricultural Marketing Service
BQL	Below Quantifiable Level
CSV	Comma-Separated Values
EPA	U.S. Environmental Protection Agency
e-SIF	Electronic Sample Information Form
FAO	Food and Agriculture Organizations of the United Nations
FAPAS	Food Analysis Performance Assessment Scheme
FDA	U.S. Food and Drug Administration
FQPA	Food Quality Protection Act
GEMS	Global Environmental Monitoring Systems – Food Contamination Monitoring and Assessment Programme
GC	Gas Chromatography
HCB	Hexachlorobenzene
ISO	International Organization for Standardization
LC	Liquid Chromatography
LOD	Limit of Detection
LOQ	Limit of Quantitation
MPD	Monitoring Programs Division
MRL	Maximum Residue Limit
MRM	Multiresidue Method
MS	Mass Spectrometry
NASS	National Agricultural Statistics Service
NCI	Negative Chemical Ionization
NSL	National Science Laboratories

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PDP	Pesticide Data Program
PPS	Probability proportionate-to-size
PT	Proficiency Testing
QA	Quality Assurance
QAU	Quality Assurance Unit
QuEChERS	Quick, Easy, Cheap, Effective, Rugged and Safe
QC	Quality Control
RDE	Remote Data Entry
SIF	Sample Information Form
SOP	Standard Operating Procedure
SQL	Structured Query Language
USDA	United States Department of Agriculture
WHO	World Health Organization

# ***Pesticide Data Program (PDP) Annual Summary, Calendar Year 2020***

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*This summary consists of the following sections: (I.) Introduction, (II.) Sampling Operations, (III.) Laboratory Operations, (IV.) Database Management, and (V.) Sample Results and Discussion*

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## **I. Introduction**

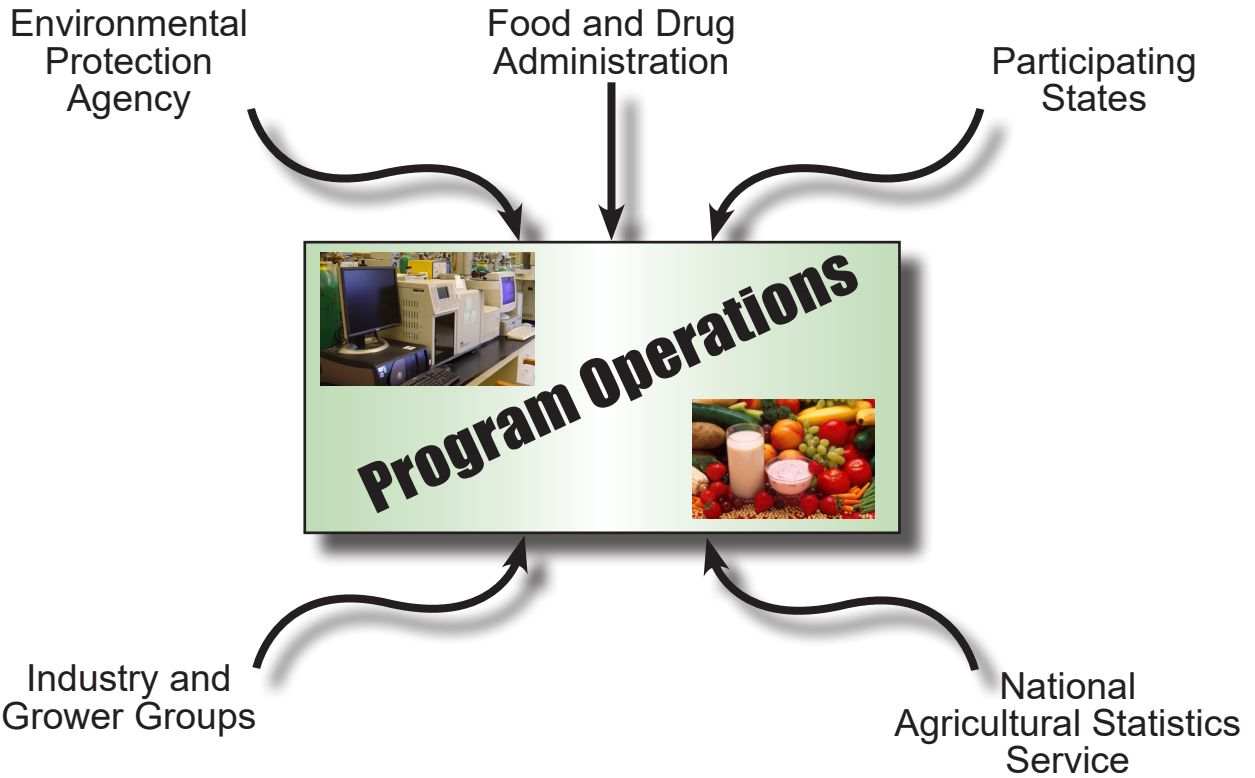
The U.S. Department of Agriculture's (USDA) Agricultural Marketing Service (AMS) initiated the Pesticide Data Program (PDP) in 1991 to collect data on pesticide residues in food, and the program now has an important role in the implementation of the 1996 Food Quality Protection Act (FQPA). The law directs the Secretary of Agriculture to collect pesticide residue data on commodities most frequently consumed by infants and children. PDP data are used primarily by the U.S. Environmental Protection Agency (EPA) to assess dietary exposure during the review of the safety of existing pesticide tolerances (also referred to as maximum residue limits in other countries). EPA establishes the tolerances after developing a risk assessment that considers the following: the pesticide exposure through diet and drinking water and from uses in and around the home; the cumulative exposure to two or more pesticides that cause a common toxic effect; the possibility of increased susceptibility to infants and children or other sensitive populations from exposure to the pesticide; and the possibility that the pesticide produces an effect in people similar to an effect produced by a naturally occurring estrogen or produces other endocrine disruption. PDP data also are used by the U.S. Food and Drug Administration (FDA) to assist in planning commodity surveys for pesticide residues as a part of its enforcement and regulatory programs.

Because PDP collects data on food commodities primarily for consumer exposure assessment, program operations differ markedly from those followed by regulatory monitoring programs for tolerance enforcement. Commodities chosen for inclusion in the program are based on EPA data needs. PDP samples are collected closer to the point of consumption and are prepared emulating consumer practices. PDP sampling does not impede commodity distribution. Laboratory operations are designed to achieve detection of low levels rather than quick sample turnaround. As PDP data

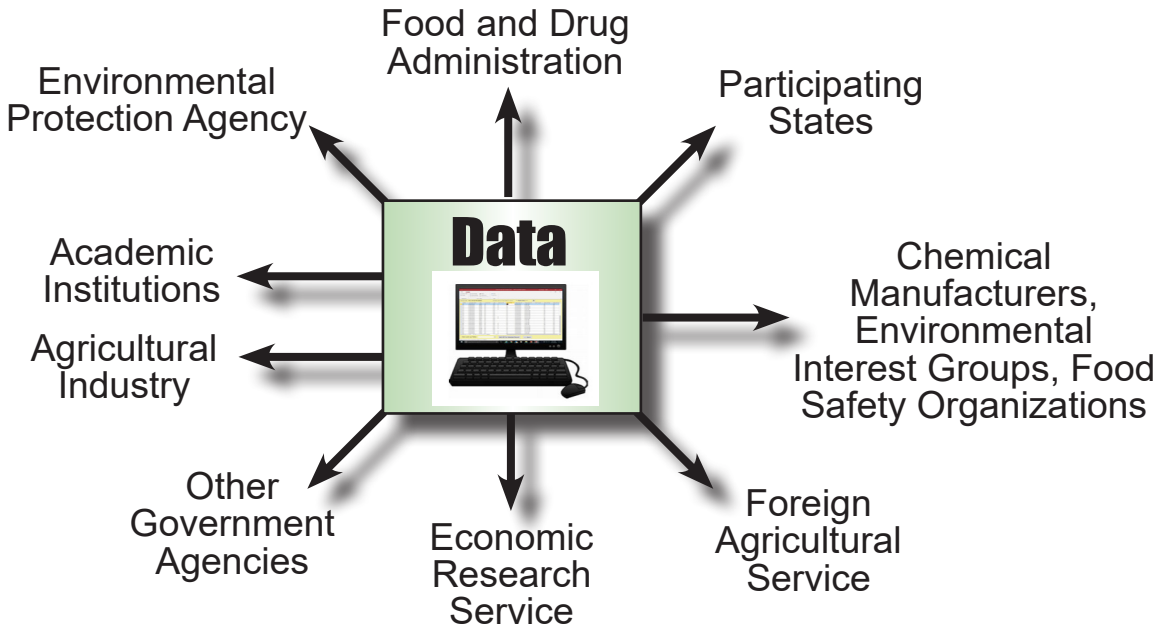
are used in dietary risk assessment, the program prioritizes testing for pesticides with registered uses for the commodities in the program, as well as for pesticides that may not have U.S. tolerances but are used in other countries on commodities that are imported to the United States.

Primary contributors to PDP's policy development and planning of operations include the participating States, other government agencies, and program stakeholders (Figure 1(a)), while primary data users include EPA, FDA, and a wide range of other agencies and groups (Figure 1(b)). Federal, State, and foreign government agencies and industries have used PDP data to promote the export of U.S. commodities to international markets. Additionally, PDP methodologies are consistent with international guidelines that have been adopted by the Codex Committee on Pesticide Residues for good laboratory practices (CAC/GL 40-1993), performance criteria for methods of analysis (CXG 90-2017) and use of mass spectrometry (CAC/GL 56-2005). PDP monitoring data are also incorporated into the World Health Organization's (WHO) Global Environment Monitoring System - Food Contamination Monitoring and Assessment Programme (GEMS/Food), a data platform used by the Joint Food and Agriculture Organization of the United Nations (FAO)/WHO Meeting on Pesticide Residues to evaluate dietary exposure and recommend the establishment of pesticide maximum residue limits (MRLs) to the Codex Committee on Pesticide Residues.

In 2020, sampling services were provided by 10 States (California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington; see Figure 2). Laboratory services were provided by the States of California, Florida, Michigan, New York, Ohio, Texas, and Washington. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. They also represent major U.S. producers of fruit and vegetables.

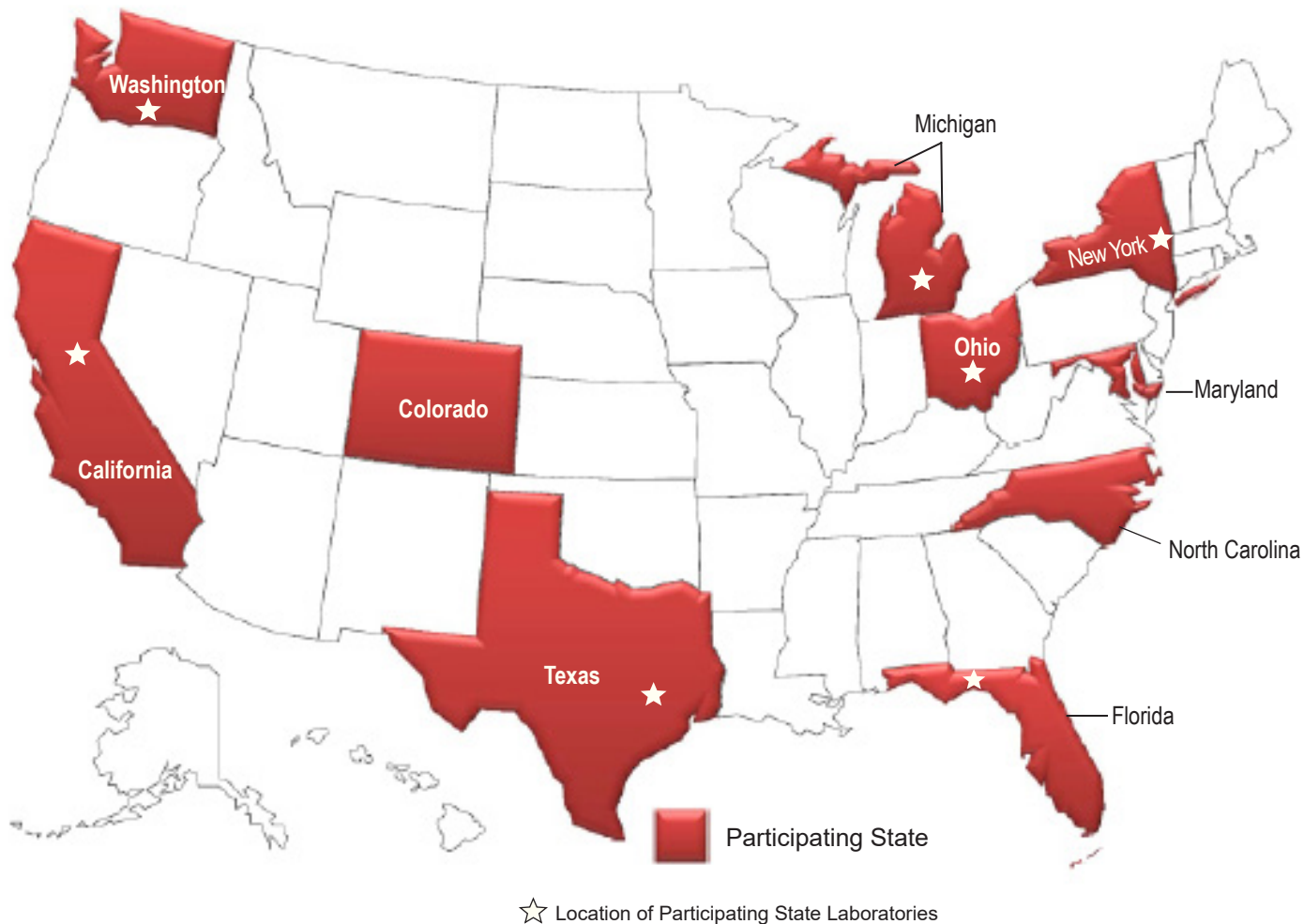


**(a) PDP Policy and Planning Contributors**



**(b) PDP Data Users**

**Figure 1. Pesticide Data Program (PDP) Program Operations Support and Data Users.** This figure illustrates (a) agencies/groups that support PDP program policy and planning activities and (b) agencies/groups that use PDP data.



**Figure 2. Program Participants.** During 2020, USDA’s Agricultural Marketing Service established cooperative agreements with 10 States to sample and/or test Pesticide Data Program commodities. Together, these States represent about 50 percent of the Nation’s population and all four census regions of the United States. These States are the major U.S. producers of fruit and vegetables. State laboratories were responsible for analyzing fresh and processed fruit and vegetable samples.

The AMS Monitoring Programs Division (MPD) is responsible for overall management of PDP, including cooperative agreements with the States, sampling and laboratory testing approaches, and data management and analysis. Each year MPD works closely with EPA and FDA to select commodities and pesticides for testing; both commodities and pesticides are prioritized by PDP based on EPA and/or FDA data needs. Typically, the selected commodities represent the highest U.S. consumption, with an emphasis on foods consumed by infants and children. Due to budget limitations, the high consumption commodities are cycled through the program approximately every

5 years rather than tested continuously. Specialized commodities (e.g., fresh herbs) are added to the rotation as data are needed. Fresh fruit and vegetable commodities remain in the program for 2 years to capture two full growing seasons, thereby capturing any changes due to seasonality or year-to-year variations. Processed products, as well as dairy, fish, and grains, are tested for 1 full year. All commodity rotations are provided in the PDP Program Plans prior to the start of sampling and are shown in Table 1 for 2020. A total of 126 commodities have been tested by PDP from the beginning of the program (in 1991) through 2021 (Appendix A).<sup>1</sup>

<sup>1</sup> The U.S. National Residue Program (NRP) administered by the U.S. Department of Agriculture’s (USDA), Food Safety and Inspection Service (FSIS) monitors pesticide residues for meat, poultry, and egg products.

Fruit and vegetable samples are collected at terminal markets<sup>2</sup> and distribution centers from which food commodities are supplied to supermarkets and grocery stores. Sampling at these locations allows for residue measurements that include pesticides applied during crop production and those applied after harvest (such as fungicides, growth regulators, and sprouting inhibitors) and considers residue degradation while food commodities are in storage. Participation as a PDP sampling site is voluntary, which sets it apart from State and Federal enforcement programs. In 2020, over 570 sites granted access and provided information, including site volume data, to sample collectors. Voluntary cooperation is important to PDP and makes it possible to adjust sampling protocols in response to fluctuations in food distribution and production.

Pesticides prioritized for screening by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive/updated residue data. PDP also monitors pesticides for which EPA has modified use directions (i.e., reduced application rates or frequency) as part of risk management activities. In addition, PDP tests for selected pesticides that may not have U.S. tolerances but are used in other countries that export commodities to the United States. Appendix B lists the specific pesticides tested in the fruit and vegetable samples. Environmental contaminants, or pesticides whose uses have been canceled in the United States, but their residues persist in the environment, are consolidated into Appendix C, which summarizes findings for these chemicals across all commodities.

## II. Sampling Operations

- Conceptual Framework

The goal of the PDP sampling program is to obtain a statistically valid representation of the U.S. food supply. PDP data reflect actual pesticide residue exposure from food. Using a rigorous statistical design, PDP has developed extensive procedures that ensure samples are randomly selected from the

national food distribution system and reflect what is typically available to the consumer.

Ten States currently participate in PDP – California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. The initial participating States in 1991 (California, Florida, Michigan, New York, Texas, and Washington) were selected based on agricultural production, analytical capabilities, population, and regional/geographic distribution – all four U.S. Census Regions (West, South, Midwest, and Northeast) were represented. Later, in 1993, Colorado joined to represent the Mountain Division of the Western Region and Ohio to further represent the densely populated East North Central Division of the Midwest Region. In 1993, North Carolina was included to better represent the South Atlantic Division of the Southern Region. Maryland was added in 1997 to represent the South Atlantic Division of the Southern Region. Today, these States together represent about 50 percent of the Nation’s population and all four census regions of the United States.

Commodities chosen for inclusion in the program are based on EPA data needs. Foods selected for testing are high-consumption items with a strong focus on the foods that compose the diets of infants and children. Each fresh commodity is sampled and tested for 2 years in order to capture annual and seasonal variability. High-consumption items are rotated in and out of the program every 5 years—for example, apples, lettuce, and oranges are retested and the data refreshed every 5 years.

PDP collects a minimum of 600 samples per commodity per year in order to provide an accurate statistical representation for a given commodity. PDP collects additional samples to allow apportionment among the participating States over a 12-month period and to allow for a small sample overage for any missed, damaged, or unusable samples. Participating State population figures are used to apportion the number of samples scheduled for collection by each state (for more detail see the 2020 Sampling Operations later in this section). PDP sampling operations may be adjusted according

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<sup>2</sup> Terminal markets are facilities where wholesalers receive large quantities of fresh fruit and vegetables by rail, truck, and air from around the world for sale to grocers, restaurants, institutions, and other businesses. Terminal markets are often located in metropolitan areas at or near major transportation hubs.

to product availability. For example, cherries, nectarines, and peaches may be oversampled during the summer months to make up for low availability during winter months. In some cases, frozen product is allowed as an alternative to fresh (e.g., cranberries).

PDP samples are collected at terminal markets and warehouse distribution centers, close to the point of consumption. Participating State agencies compile and maintain lists of these sampling sites. In 2020, 573 sites granted access to sample collectors. The States provide AMS and USDA, National Agricultural Statistics Service (NASS) with annual volume information for commodities distributed at these sites. Based on this information, sites are assigned volume indicators compared to other sites in the same State. This volume indicator is used to ensure larger sites are selected more frequently than smaller sites. This information is used to weigh the site to determine the probability for sample selection. For example, a weight of 10 may be given to a site that distributes 100,000 pounds of produce annually and a weight of 1 is given to a site that distributes 10,000 pounds. This site selection method, termed probability-proportionate-to-size (PPS), then results in the larger site being 10 times more likely to be selected for sampling than the smaller site.

Each participating State works with NASS to develop statistical procedures for site weighting and selection. States are also given the option to have NASS perform their quarterly site selection. The number of sampling sites and the volume of produce distributed by the sites vary greatly among States. Sampling plans that include sampling dates, sites (primary and alternate), targeted commodities, and testing laboratories are prepared by each State on a quarterly basis. Collection of commodities is randomly assigned to weeks of the month, prior to selection of specific sampling dates within a week. Because sampling sites are selected for an entire quarter, States may assign the sites to particular months based on geographic location.

Sample information is captured at the time of collection for inclusion in the PDP database. PDP sample origin data identify the State or country

where the commodity was produced. A comparison of PDP sample origin data to State production and import data by USDA's NASS shows PDP sampling is representative of the U.S. food supply.

- Sampling Procedures

While obtaining PDP samples, collectors randomly select the scheduled commodities. Collectors use established procedures to prevent cross-contamination and maintain chain-of-custody. PDP State sample collectors are trained to adhere to detailed program Standard Operating Procedures (SOPs) that provide criteria for site selection and specific instructions for sample selection, shipping and handling, and chain-of-custody. SOPs are updated as needed and serve as a technical reference in conducting program sampling reviews to ensure program goals and objectives are met. PDP sampling SOPs are available on the website: [www.ams.usda.gov/datasets/pdp](http://www.ams.usda.gov/datasets/pdp). On a quarterly basis, sample collectors are provided with Commodity Fact Sheets that list specific collection details for the individual commodities in the program.

Temperature-sensitive samples are packed in heavy-duty, temperature-controlled containers. Holding temperatures are preserved throughout transit time with the inclusion of ample frozen cold packs and insulating materials. Non-temperature-sensitive samples do not require temperature-controlled containers; however, they are shipped in heavy-duty, well-cushioned containers. To preserve sample integrity, most samples are shipped the same day by overnight delivery. Non-refrigerated processed commodities such as tomato paste are often shipped by ground transportation to reduce shipping costs.

Electronic Sample Information Forms (e-SIFs) are used for chain-of-custody and to capture information needed to characterize the sample. Sample collectors use tablets or laptop computers in the field to record sample identification information such as: (1) State of sample collection, (2) collection date, (3) sampling site code, (4) commodity code, and (5) testing laboratory code. Information from these five data elements is combined to form a unique PDP identification number for each sample.

Other available information about each sample is also recorded, such as collector name; the country of origin; product variety; production claims such as organic; expiration date; and grower, packer, and/or distributor locations. The e-SIFs are sent electronically the same day as sample collection or, at the latest, by the next morning after collection to ensure that sample information is received at each laboratory by the time samples arrive for analysis. Refer to Section IV on Database Management for more information on the e-SIF system.

Because most PDP samples are collected at distribution centers, terminal markets, and other wholesalers, entire cases must be obtained while a significantly smaller portion is sent to the laboratory for testing. For example, if a 20-pound case of apples is collected and a 5-pound sample is sent for testing, the remaining 15 pounds are typically donated. In most cases, the excess samples are donated to organizations such as local food banks, shelters, senior assisted living centers,

churches, and other charities. PDP often provides the only fresh commodity donations available to these organizations. In 2020, PDP State participants donated over 40,000 pounds of food to local charities.

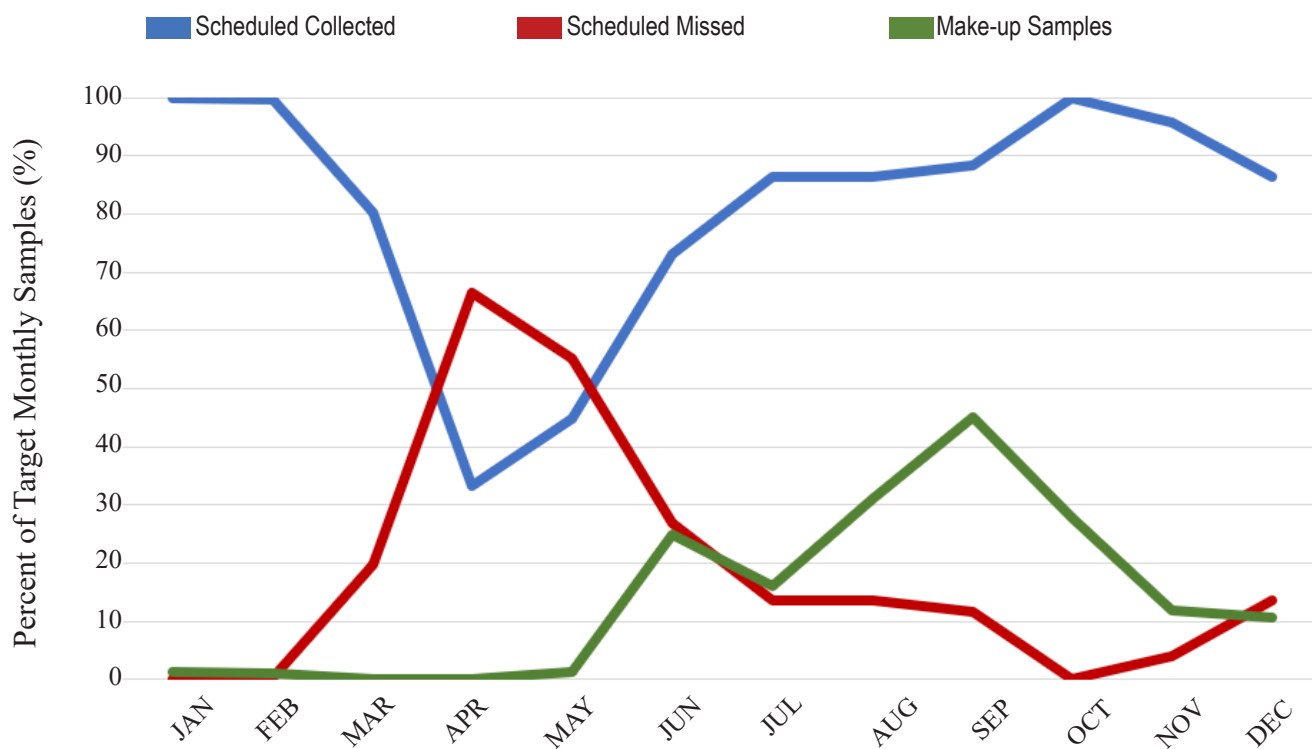
- 2020 Sampling Operations

The number of fruit and vegetable samples collected in each participating State is determined by State population. The monthly collection schedule for all 2020 commodities is shown in Table 1; however, not all samples scheduled were collected due to the Coronavirus COVID-19 pandemic. In March of 2020, the global COVID-19 pandemic began impacting PDP sampling operations. Within the first 2 weeks of impacts, 7 of the 10 PDP sampling States suspended collection. Sampling operations were severely impacted in April, when only 33 percent of samples were collected. The first make-up samples were collected in May as some States re-opened. MPD issued guidance prioritizing

Commodity	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	End Date
Apple Juice	[Active]				Dec-20
Bananas	[Active]				Dec-20
Blueberries				[Active]	Sep-22
Blueberries, Frozen				[Active]	Sep-22
Broccoli	[Active]				Dec-21
Cantaloupe	[Active]				Jun-21
Carrots		[Active]			Mar-22
Cauliflower	[Active]				Sep-21
Collard Greens	[Active]				Sep-20
Eggplant	[Active]				Dec-21
Green Beans				[Active]	Sep-22
Kiwi Fruit	[Active]				Mar-20
Orange Juice	[Active]				Sep-20
Radishes	[Active]				Dec-20
Summer Squash				[Active]	Sep-22
Sweet Bell Peppers	[Active]				Jun-21
Tangerines	[Active]				Sep-21
Tomato Paste	[Active]				Sep-20
Winter Squash	[Active]				Dec-21

**Table 1. Pesticide Data Program (PDP) Commodity Collection Schedule for 2020.** Samples are most often collected for a 2-year time period. Commodities are initiated or terminated in different quarters of the year so that new commodities are not brought into the program all at the same time. This table illustrates time ranges for the listed commodities. See Appendix A for the complete PDP commodity history (May 1991 through December 2021).





**Figure 3. Monthly Sample Collection in 2020.** This figure illustrates the impacts of the COVID-19 pandemic on PDP sampling operations.

missed commodities to minimize potential impacts on seasonality. Three tiers were established, one for highly seasonal commodities (cantaloupe, sweet bell pepper, tangerines, winter squash), one for moderately seasonal commodities (carrots, eggplant, radishes), and one for commodities with little to no seasonal influences (bananas, broccoli, cauliflower, collard greens). By September, sampling operations had resumed in 9 of the 10 PDP collection States, with Florida being the exception. In October, all 10 States resumed sample collection, and this was the first month since February with no missed samples. California suspended sample collection in December and the State did not collect 9 of its 14 commodities for the month. These represented the only missed samples in December. Figure 3 illustrates the number of collected, missed, and make-up samples by month. While yearly sample targets were met (minimum 600 samples per commodity), results could potentially have been impacted by interruptions to the 2020 sampling schedule. PDP tried to minimize seasonality affects by prioritizing commodities most likely to be affected by seasonality for make-up samples.

The total number of samples collected in each State for each commodity is listed in Table 2. Table 3 lists the acceptable product types for each collected commodity as seen on Commodity Fact Sheets provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable. In 2020, 7.4 percent of the tested samples were organic (706 of 9,600); summaries of findings by claim may be found by using the PDP web app: <https://apps.ams.usda.gov/pdp>.

State population figures are used to assign the number of fruit and vegetable samples scheduled for collection each month. During 2020, the monthly number of samples assigned for each State included: California, 13; Colorado, 2; Florida, 7; Maryland, 4; Michigan, 6; New York, 9; Ohio, 6; Texas, 8; and Washington, 4. This schedule resulted in a monthly target of 59 samples per commodity or 708 samples per commodity per year.

Additionally, North Carolina collected 4 samples per month for selected commodities—apple juice, blueberries, collard greens, green beans, orange

State	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	Total Fresh
California	24	160	152	161	172	105	148	26	101	39	152	152	26	160	153	1,731
Colorado	4	24	24	24	24	18	24	6	18	6	24	24	6	24	24	274
Florida	21	71	59	62	59	42	54	21	21	21	59	68	21	58	56	693
Maryland	12	50	44	48	42	36	42	12	36	12	44	48	12	48	48	534
Michigan	17	72	72	72	72	54	72	18	54	18	72	72	18	72	72	827
New York	25	108	108	108	108	81	108	27	81	27	108	108	27	108	108	1,240
N. Carolina	11							13	40				12			76
Ohio	18	72	72	72	72	54	71	18	54	18	72	72	18	72	72	827
Texas	24	98	96	97	97	73	94	24	73	24	96	97	24	97	96	1,110
Washington	12	48	48	48	48	36	48	12	36	12	48	48	12	48	48	552
TOTAL	168	703	675	692	694	499	661	177	514	177	675	689	176	687	677	7,864

State	AJ	BZ	OJ	TP	Total Processed	Total Fresh & Processed F&V
California	151	2	100	102	355	2,086
Colorado	24		18	18	60	334
Florida	59	1	21	21	102	795
Maryland	44		31	32	107	641
Michigan	72	1	54	54	181	1,008
New York	108	2	78	80	268	1,508
N. Carolina	48	1	37	36	122	198
Ohio	72		54	54	180	1,007
Texas	97		73	73	243	1,353
Washington	49		33	36	118	670
TOTAL	724	7	499	506	1,736	9,600

Commodity Legend	
AJ = Apple Juice	GL = Collard Greens
BB = Blueberries, Fresh	KW = Kiwi Fruit
BN = Bananas	OJ = Orange Juice
BR = Broccoli	PP = Sweet Bell Peppers
BZ = Blueberries, Frozen	RD = Radishes
CF = Cauliflower	SS = Summer Squash
CN = Cantaloupe	TA = Tangerines
CR = Carrots	TP = Tomato Paste
EP = Eggplant	WS = Winter Squash
GB = Green Beans	

**Table 2. Distribution of Samples Collected by Each Participating State.** This table includes those commodities collected at terminal markets, distribution centers, and retail markets.

juice, summer squash and tomato paste, which resulted in a total of 63 samples per commodity per month for these products.

In 2020, fruit and vegetable samples were randomly collected by trained State inspectors at terminal markets and large chain store distribution centers throughout the country. Surrogate or “proxy” sites (retail markets) are used to collect these samples when the commodity of interest is unavailable at a terminal market or distribution center. In these instances, the commodity is selected in the rear storage area of the retail facility so possible contamination by the consumer is eliminated and to allow capture of sample information from

product boxes. In 2020, 32.0 percent of fruit and vegetable samples were collected at proxy sites. The commodities most often collected at these facilities were orange juice, tomato paste, and apple juice.

The total number of samples per commodity and the percentage of each that were either domestic, imported, or of unknown origin are shown in Figure 4. The origin of some fresh commodities can vary greatly throughout the year. A graphic example of this variation can be found in Figure 5, where differences in origin (domestic versus import) are depicted by month for cantaloupe and tangerine (mandarin) samples.

Commodity	Acceptable Products
Apple Juice	100% apple juice. Single strength, ready-to-serve in cartons, jars, cans, pouches, or plastic containers. Reconstituted from concentrate or not from concentrate. May be pasteurized. Individual single-serving box containers are acceptable as long as the sample size requirement is met. May contain ascorbic acid/Vitamin C as added ingredient.
Bananas	Whole, fresh bananas.
Blueberries	Any fresh, whole blueberry; cultivated (Highbush) or wild (Lowbush). Fresh are preferred, but frozen are acceptable.
Blueberries, Frozen	Frozen blueberries; cultivated (Highbush) or wild (Lowbush). Individually quick frozen (IQF) or frozen in own juices. Fresh are preferred, but frozen are acceptable.
Broccoli	Fresh broccoli. Broccoli crowns (bunch with top florets plus a little of the stem) are preferred. Broccoli with stems (bunch with top florets plus a lot of the stem) is acceptable if broccoli crowns are not available.
Cantaloupe	Whole, fresh cantaloupe.
Carrots	Fresh, whole carrots, with or without tops.
Cauliflower	Any fresh whole cauliflower. White in color.
Collard Greens	Fresh collard greens. Pre-bagged or loose.
Eggplant	Whole, fresh eggplant. Traditional types that are oval or pear in shape with a black, purplish-black, or purple skin color.
Green Beans	Fresh green string beans. Whole or pre-cut.
Kiwi Fruit	Whole, fresh fuzzy kiwifruit. Gold or green.
Orange Juice	100% Orange juice. Ready-to-serve containers of orange juice that are refrigerated. With or without pulp. Reconstituted from concentrate or not from concentrate.
Radishes	Whole, fresh globe-shaped radishes, with or without tops. Red, white, or watermelon.
Summer Squash	Fresh whole zucchini, yellow squash, or crookneck squash.
Sweet Bell Peppers	Whole, fresh bell peppers. Colors may include, but are not limited to: green, orange, purple, red, or yellow.
Tangerines	Any fresh, whole tangerine (mandarin or mandarin orange). Clementine, Minneola, Mediterranean mandarin, Satsuma mandarin, or tangelo.
Tomato Paste	Any canned tomato paste. May be salted or salt-free. May contain "spices," listed as a generic ingredient on the can.
Winter Squash	Whole winter squash varieties include but are not limited to: Acorn, banana, Boston marrow, buttercup, butternut, Hubbard, kabocha, and spaghetti.

**Table 3. Acceptable Products for Collected Commodities.** This table lists the acceptable products for each collected commodity as seen on the Commodity Fact Sheets provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable.

Fresh and processed fruit and vegetable samples originated from 34 States and 34 foreign countries (refer to Appendix D).

- Fresh and Processed Commodities

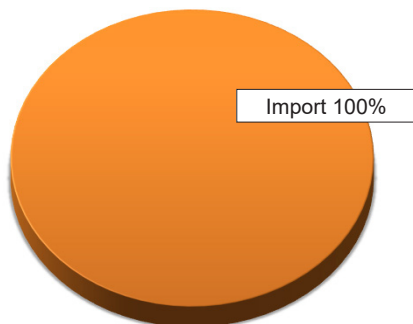
All samples collected and analyzed in 2020 (9,600) were fruit and vegetables, including fresh and processed products. The fresh commodities collected for PDP were bananas, blueberries, broccoli, cantaloupe, carrots, cauliflower, collard greens,

eggplant, green beans, kiwi fruit, radishes, summer squash, sweet bell peppers, tangerines (mandarins), and winter squash. The processed commodities included apple juice, frozen blueberries, orange juice, and tomato paste.

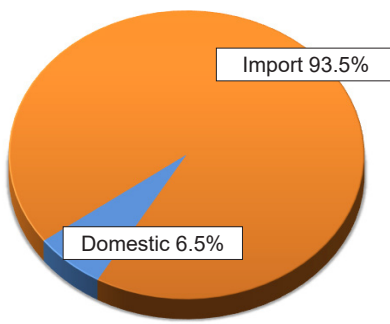
Fresh and frozen fruit and vegetable samples weighed either 3 or 5 pounds, except for blueberries where the sample size was 1 pound. Three pounds were collected for smaller, low-weight commodities such as collard greens and kiwi fruit, and 5 pounds

## A. Fresh Fruit and Vegetable Samples

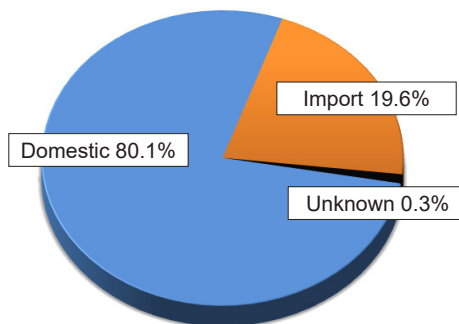
Bananas (703 Samples)



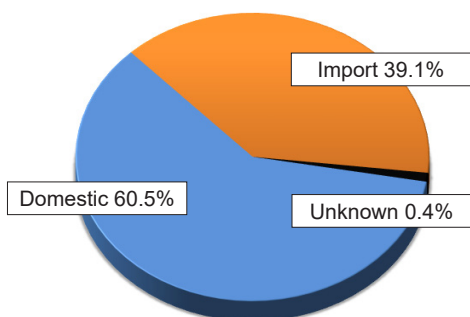
Blueberries (168 Samples)



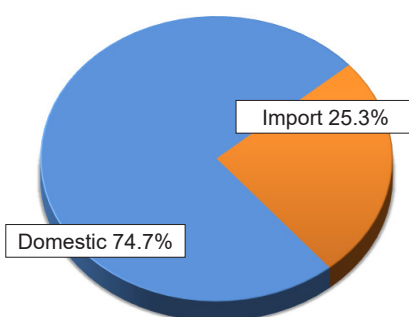
Broccoli (675 Samples)



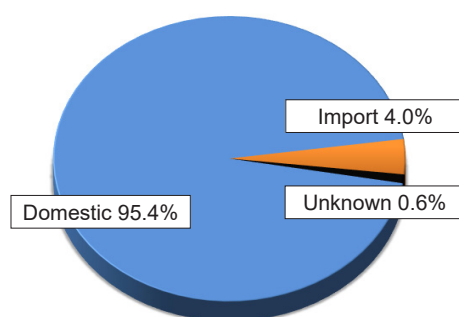
Cantaloupe (694 Samples)



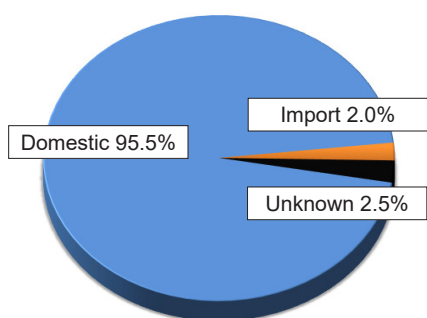
Carrots (499 Samples)



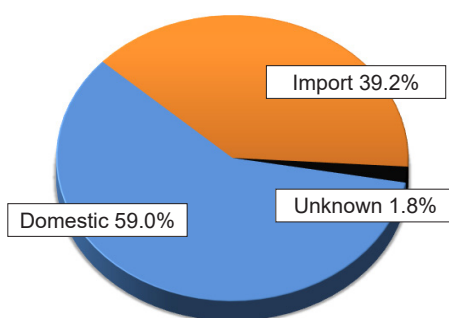
Cauliflower (692 Samples)



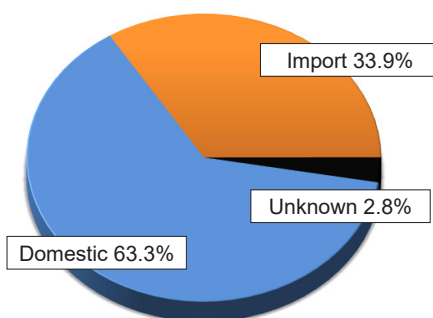
Collard Greens (514 Samples)



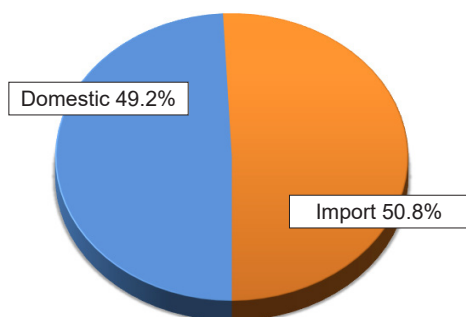
Eggplant (661 Samples)



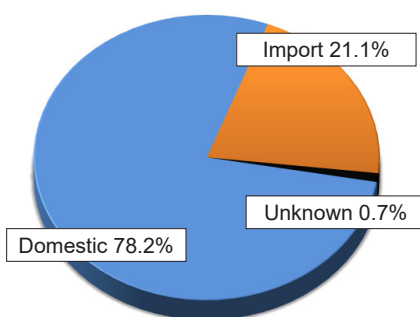
Green Beans (177 Samples)



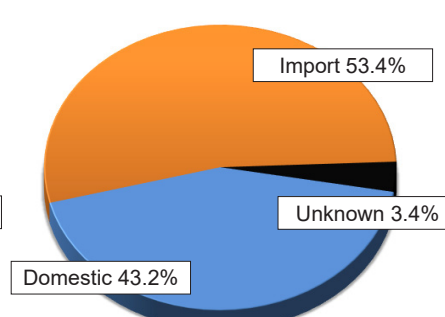
Kiwi Fruit (177 Samples)



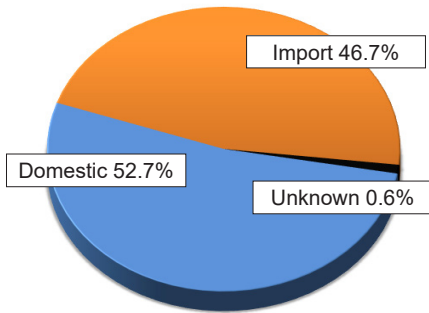
Radishes (689 Samples)



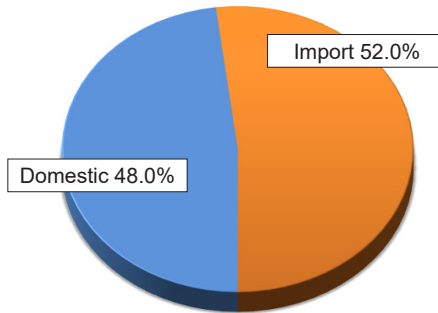
Summer Squash (176 Samples)



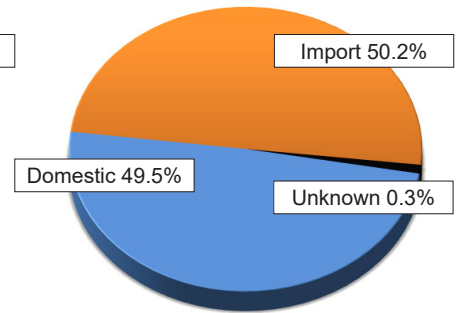
Sweet Bell Peppers (675 Samples)



Tangerines (687 Samples)

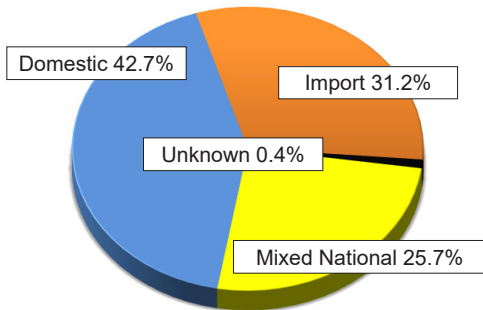


Winter Squash (677 Samples)

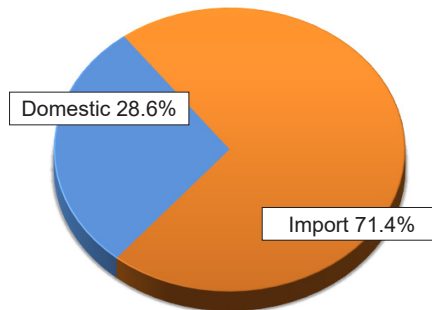


## B. Processed Fruit and Vegetable Commodities

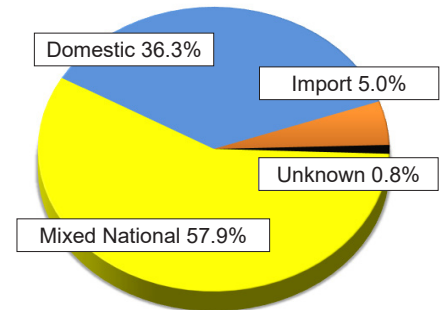
Apple Juice (724 Samples)



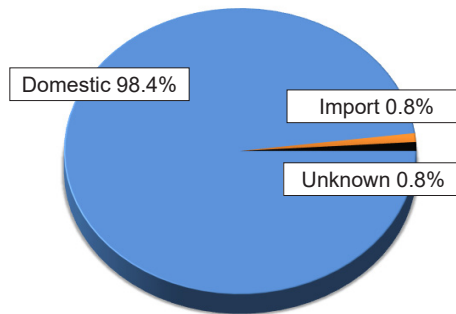
Blueberries, Frozen (7 Samples)



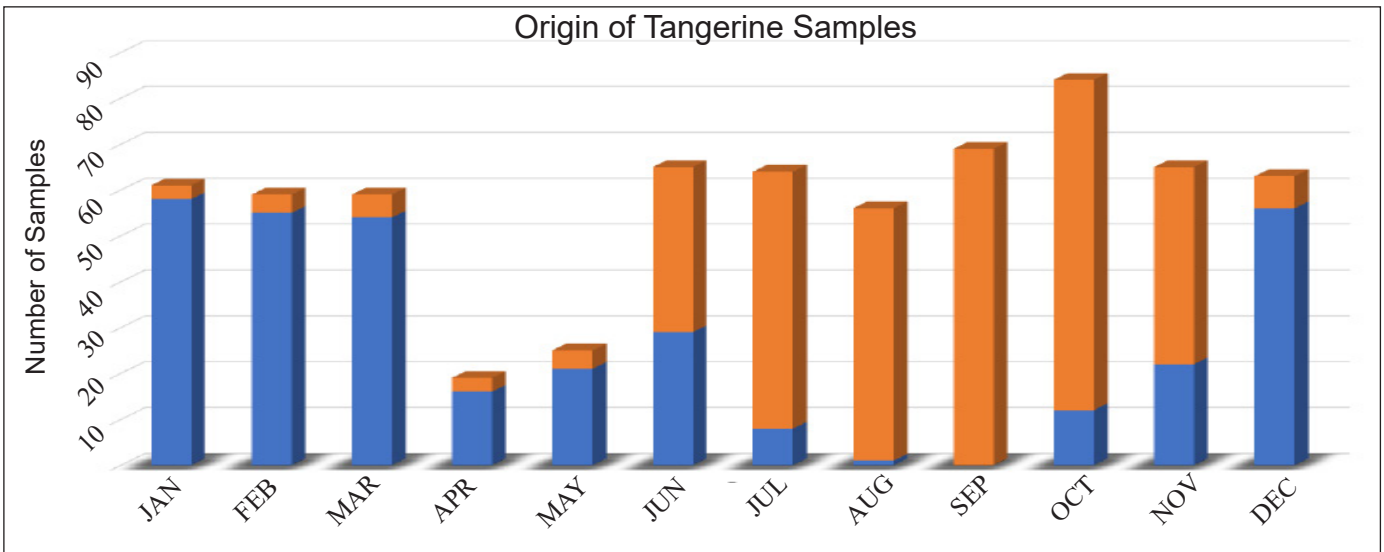
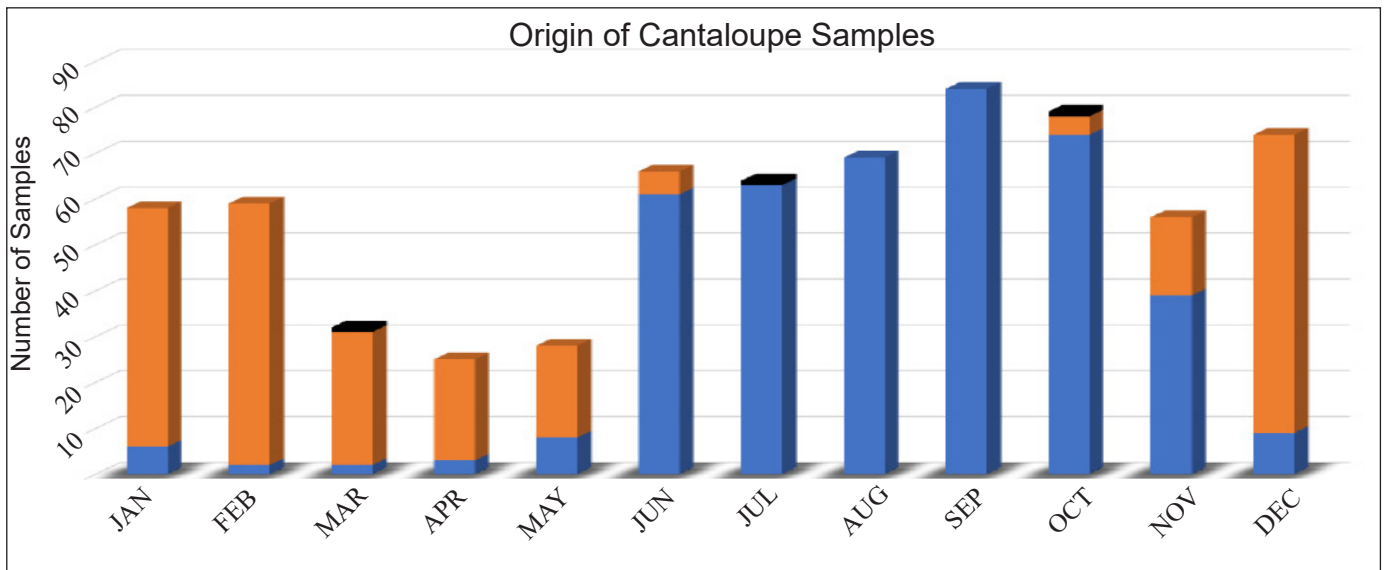
Orange Juice (499 Samples)



Tomato Paste (506 Samples)



**Figure 4. Commodity Origin.** This figure depicts the proportion of commodity origin (domestic, import, unknown, and mixed national origin) for each fresh and processed fruit and vegetable product tested in 2020.



Domestic
  Imported
  Unknown

**Figure 5. Origin of Selected Fresh Commodity: Cantaloupe and Tangerine Samples.** Differences in origin (domestic vs. import) are illustrated by month.

were collected for larger, high-weight commodities such as cantaloupe and sweet bell peppers. For processed commodities, a sample size of 1 quart (32 ounces) was collected for apple juice and orange juice and 1-pound samples were collected for frozen blueberries and tomato paste.

- Sampling Limitations

Ten States from all four census regions of the United States participate in PDP. The States that participate account for about 50 percent of the U.S. population

and the major agricultural production areas of the country, making them representative of the United States as a whole.

PDP collects samples from over 570 distribution centers and terminal markets within the participating States. The total number of distribution centers and terminal markets within the participating States is difficult to establish since existing sites may go out of business or merge and new sites may open during the year. However, there is no evidence to believe that sites within the States that participate differ

significantly from those that do not participate. Since these sites are similar throughout the State, they are representative of all sites in the State.

Sometimes it is necessary to replace the site that was originally selected using PPS. In those cases, an alternate site of similar size is selected from the quarterly site list by the State personnel to replace the original site. Whenever possible, a site of similar size in the same region as the original site is chosen as the replacement. Additionally, the availability of a specific commodity may necessitate a change in site selection. For example, cantaloupe may be collected from an alternate site if the primary site is out of stock.

### III. Laboratory Operations

- Overview

Seven State laboratories performed analyses for PDP. These laboratories are equipped with instrumentation capable of detecting residues at very low levels. Laboratory staff members receive intensive training and must demonstrate analytical proficiency on an ongoing basis. Laboratory scientists continually test new technologies and develop new techniques to improve the levels of detection. Any major change in methodology and/or instrumentation is evaluated, and its soundness demonstrated and documented by means of method validation modules in accordance with PDP SOPs.

- Fresh and Processed Commodities

A total of 9,600 fresh and processed fruit and vegetable samples were tested for 584 parent pesticides, metabolites, degradates, and/or isomers, plus 21 environmental contaminants using Multi-Residue Methods (MRMs). Pesticides prioritized for screening by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data.

Upon arrival at the testing facility, samples of fresh commodities were visually examined for acceptability and discarded if determined to be

inedible (decayed, extensively bruised, or spoiled). Laboratories are permitted to refrigerate incoming fresh fruit and vegetable samples of the same commodity up to 72 hours to allow for different sample arrival times from collection sites. Frozen and canned commodities may be held in storage (freezer or shelf) until the entire sample set is ready for analysis.

Each sample is prepared according to the procedures detailed in Table 4, which lists the steps for preparing each commodity for analysis as defined in the Laboratory Sample Processing and Analysis SOP. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.

Samples are separated into analytical portions (aliquots) for analysis. If testing cannot be performed immediately, the entire analytical set is frozen at -40°C or lower according to PDP's Quality Assurance/ Quality Control (QA/QC) requirements. Surplus aliquots not used for the initial testing are retained frozen in the event that replication of analysis or verification testing is required.

For analysis of fruit and vegetable samples, testing laboratories use various Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS)-based approaches.<sup>3</sup> All MRMs are determined, prior to use and through appropriate method validation procedures, to produce equivalent data for PDP analytical purposes. PDP laboratories use gas chromatography (GC) and liquid chromatography (LC) instrumentation, coupled with tandem mass spectrometry (MS) detection systems for the simultaneous identification/confirmation and quantitation of pesticides. The use of these GC-MS/MS and LC-MS/MS systems allows the program to capture data for a broad spectrum of pesticides, including emerging product chemistries.

- Quality Assurance Program

The primary objectives of the QA/QC program are to ensure the reliability of PDP data and the performance equivalency of the participating laboratories. Direction for the PDP QA program

<sup>3</sup> M. Anastassiades, S.J. Lehotay, D. Stajnbaher and F.J. Schenck, "Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) Method," J AOAC Int 86 (2003) 412.

Commodity	Sample Preparation Steps
Bananas	If necessary, banana samples may be stored in a secure location at room temperature for up to 72 hours for ripening purposes. To accelerate ripening, the bananas can be stored in a paper bag. Peel each fruit.
Blueberries	Wash blueberries by the handful or by using a colander and drain.
Blueberries, Frozen	The samples may be chopped while frozen, or to prevent damage to the chopper/homogenizer blades, the sample may be thawed in a refrigerator or in a room temperature water bath. Open the containers and pour the entire contents into the chopper/homogenizer.
Broccoli	Visually examine and discard any damaged portion or wilted florets. Do not discard leaves unless they are wilted. Trim away inedible portions of stems. If the stem is less than 3 inches, do not trim. If the stem is longer than 3 inches, thinly slice away the tough outer layer on the stalk. Wash and drain.
Cantaloupe	Cut each cantaloupe in half and remove seeds and rind. Halves may be further divided at this point to facilitate removal of the rind.
Carrots	If carrots have any visible dirt, hold each carrot under cold running tap water and gently scrub the entire surface with a clean vegetable brush to remove any loose soil and grit. Rinse and drain. With a clean, dry knife, remove stem cap portion from each carrot.
Cauliflower	Visually examine the head and remove wrapper leaves and any damaged portions. Rinse, turn the head top side down to drain.
Collard Greens	Visually examine the sample and remove only the damaged or wilted leaves and any woody stems. Wash and drain. Note: Bagged pre-washed greens do not require washing by the laboratory.
Eggplant	Wash and drain. Using a clean, dry knife, remove the end pieces.
Green Beans	Wash and drain. Do not peel. Using a clean, dry knife, remove any stems that are present.
Juices: Apple Juice, Orange Juice	For fresh and reconstituted juices, ensure that the sample is evenly mixed to obtain a homogeneous mixture. For concentrates, dilute juice in a dry, clean container with cold running tap water, according to label directions.
Kiwi Fruit	Wash and drain. Do not peel.
Radishes	Hold each radish under cold running tap water and remove any loose soil and grit (discard the leaf portion). Rinse and drain. Note: Bagged pre-washed radishes do not require washing by the laboratory. Remove any tops or roots that are present.
Summer Squash	Wash and drain. Using a clean, dry knife, remove end pieces.
Sweet Bell Peppers	Wash and drain. Remove stem, core, and seeds.
Tangerines	Peel each fruit and remove any excess white membrane.
Tomato Paste, Canned	If the lid of the can has visible dirt or dust, rinse the lid under cold running tap water for 5 to 10 seconds. Dry the lid with a paper towel. Open each can and pour the entire contents of each can including the liquid into a blender/homogenizer.
Winter Squash	Wash and drain. When possible, using a clean, dry knife, remove stem and/or end pieces.

**Table 4. Sample Preparation Steps for Analysis.** This table lists the steps for preparing each collected commodity for analysis as defined in the Laboratory Standard Operating Procedure. The wash and drain steps refer to a wash under cold running water for approximately 15-20 seconds to assure that all surfaces are rinsed, then a drain for at least 2 minutes. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.



is provided through SOPs based on EPA Good Laboratory Practices, along with program-specific QA/QC requirements. The PDP SOPs provide uniform administrative and sampling procedures, as well as guidelines for laboratory operations and data analyses. The SOPs are revised annually to accommodate changes in the program and are aligned with International Organization for Standardization (ISO)<sup>4</sup> requirements. PDP laboratories are accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA), an internationally recognized accrediting body.

A Technical Advisory Group, comprised of laboratory Technical Program Managers and Quality Assurance Officers, is responsible for annually reviewing program SOPs and addressing QA issues. For day-to-day QA oversight, PDP relies on the Quality Assurance Unit (QAU) at each participating facility. The QAU operates independently from the laboratory staff and is responsible for reviewing all data generated for PDP and for performing quarterly, internal program audits. Preliminary data review procedures are performed onsite by each laboratory's QAU. MPD staff conduct a final review of data for conformance with SOPs.

**Method Performance Requirements:** Laboratories are required to determine and verify the limits of detection (LODs) and limits of quantitation (LOQs) for each pesticide/commodity pair. LODs depend on matrix, analyte, and methods used (extraction and instrumental). LODs for each pesticide/commodity pair are shown in the applicable crop results appendix. Additional method performance/validation requirements include modules for consistent instrument response (linearity), method range, and precision and accuracy.

**Identification/Confirmation:** Identification/confirmation is performed using MS technologies. Residue amounts greater than or equal to LOD and below LOQ are reported as below quantifiable level (BQL). BQLs are assigned values at one-half the LOQ and are used along with values greater than or equal to LOQ and non-detects in dietary risk assessments when appropriate.

**Routine Quality Control Procedures:** PDP procedures for QC are used to assess method and analyst performance during sample preparation, extraction, and cleanup. To maximize sample output and decrease the QC/sample ratio, samples are analyzed in analytical sets that include the test samples and the following components:

- **Reagent Blank** - For analysis of fruit and vegetables, an amount of distilled water, equivalent to the natural moisture content of the commodity, is run through the entire analytical process to confirm glassware cleanliness and system integrity.
- **Matrix Blank** - A previously analyzed sample of the same commodity, which contains either very low concentrations of known residues or no detectable residues, is divided into two portions. The first portion is used to determine background information on naturally occurring chemicals and the second to prepare a matrix spike.
- **Matrix Spike(s)** - Prior to extraction, a portion of the matrix blank is spiked with marker pesticides to determine the precision and accuracy of the analyst and instrument performance. Marker pesticides are compounds selected from different pesticide classes (e.g., organochlorines, organophosphates, carbamates, conazoles, imidazolinones, macrocyclic lactones, neonicotinyls, phenoxy acid herbicides, pyrethroids, strobilurins, sulfonyl urea herbicides, triazines, uracils), with physical and chemical characteristics representative of their corresponding pesticide class. Marker pesticides may be used to monitor recovery instead of spiking all pesticides. This use of marker pesticides optimizes the resources required to analyze the thousands of analyte/matrix combinations in the program while still allowing evaluation of daily recovery patterns.

In addition, each laboratory must perform matrix spikes at least quarterly for each analyte/crop combination it reports. Some laboratories choose to rotate spikes of all compounds on a set-by-set basis or spike all compounds analyzed with each set, so that the amount of spike recovery data obtained exceeds the minimal requirements previously stated. During 2020, PDP laboratories quantitated

<sup>4</sup> "ISO" is not an acronym because the initials would be different in various official languages. "ISO" is adopted from the Greek word "isos" meaning equal.

a total of 81,157 matrix spikes, with an overall mean recovery of 96.1 percent and an overall 20.1 percent coefficient of variation (% C.V.). The % C.V. is calculated as the standard deviation divided by the mean.

- **Process Control Spike**-A compound with physical and chemical characteristics similar to those of the pesticides being tested is used to evaluate the analytical process on a sample-by-sample basis. Each of the analytical set components, except the reagent and matrix blanks, is spiked with process controls. During 2020, PDP laboratories quantitated a total of 20,187 process controls on 9,600 samples, with an overall mean recovery of 100 percent and an overall 15.6 percent C.V. Of these process controls, 22 (0.11 percent) were reruns due to initial failure to meet PDP recovery criteria. The rerun values are not included in these statistics.

**Proficiency Testing:** All facilities are required to participate in PDP's Proficiency Testing (PT) program. In order to properly benchmark performance, PDP laboratories participate in the international Food Analysis Performance Assessment Scheme (FAPAS), administered by the Food and Environment Research Agency, Sand Hutton, York, United Kingdom. In 2020, PDP laboratories that routinely analyze fruit and vegetable samples via MRMs participated in one FAPAS round for apple purée that contained 12 fortified analytes. Laboratories were evaluated based on z-scores for reported compounds, as well as any reported false negatives or false positives. PDP laboratories typically obtained z-scores less than two, which is deemed satisfactory performance.

In addition, PDP laboratories participate in an internal PT program that is tailored to current PDP commodities and testing profiles. For this internal program, the California Department of Food and Agriculture QAU prepares and issues rounds designed in collaboration with MPD. Spiking compounds are selected with specificity and levels for each commodity. Fortification levels of selected analytes are generally 1 to 10 times the program LOQ for that commodity/compound pair. For each multiresidue round, one compound per set is typically repeated within the round to provide

an indicator of repeatability. The resulting data are used to determine performance equivalency among the testing laboratories and to evaluate individual laboratory performance.

During 2020, PDP laboratories received two multiresidue fruit and vegetable PT rounds (mushrooms and cantaloupe), each consisting of three test samples. The mushroom samples were fortified with a total of 12 different compounds with azoxystrobin spiked on 2 different samples. The cantaloupe samples were fortified with a total of 11 different compounds with fludioxonil spiked on 2 different samples at the same level to evaluate within and between laboratory variability.

**Onsite Reviews:** In addition to the onsite assessments performed by A2LA that are required to maintain ISO 17025 accreditation, MPD staff chemists perform onsite reviews of laboratory operations to determine compliance with PDP SOPs and provide a report of findings identifying potential areas of improvement. Improvements in sampling, chain-of-custody, laboratory, recordkeeping, and electronic data transmission procedures are made as a result of onsite reviews. The 2020 onsite reviews were postponed due to COVID-19-related travel restrictions.

#### **IV. Database Management**

PDP maintains an electronic database that serves as a central data repository. The data captured and stored in the PDP database include sample collection and product information, residue findings, and process control recoveries for each sample analyzed, in addition to QA/QC fortified recoveries for each set of samples. Each calendar-year survey is stored in a separate database structure, which allows easier administration and data reporting. The PDP data pathway is illustrated in Figure 6.

- **Electronic Data Path**

PDP utilizes the Remote Data Entry (RDE) system, which is a customized software application that allows participating State and Federal laboratories to electronically enter and transmit data. The RDE system is distributed with all user interface software and database files residing on

## SAMPLE COLLECTION



- Collection in 10 States
- Samples taken close to consumer consumption
- Standardized sample information forms
- Data entry on tablet/laptop computers



## LABORATORY ANALYSIS



- 7 State laboratories
- Fruit and vegetable samples prepared for consumption
- Detect residues at low levels
- Pesticide residue data generated
- Multi-tiered quality assurance data review process



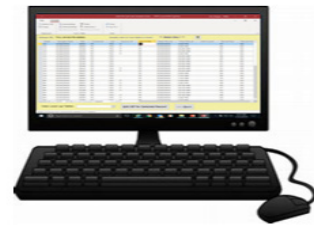
## LABORATORY REMOTE DATA ENTRY (RDE)



- Customized data entry software
- Import data from other systems
- Access controlled by user login
- Extensive data cross-checks



## DATA REVIEW AT HQ



- Chemists review data on-screen
- Upload data to central database

INTERNET



## YEAR-END REVIEW



- Data reconciliation



## DATA REPORTING



- Standard & ad hoc reporting
- Annual Summary
- Data available online

**Figure 6. Pesticide Data Program (PDP) Data Pathway:** An illustration of PDP data path from sample collection through laboratory analysis and reporting.

laboratory computers. The laboratory users need only Microsoft® Office tools to interface with the RDE system. Access is controlled through separate user login/password accounts and user access rights for the various system functions based on position requirements. The RDE system utilizes file encryption to secure all data stored in and transmitted from the RDE system.

A separate Windows®-based system allows sample collectors to capture the standardized Sample Information Form (SIF) electronically on laptop or tablet computers. The e-SIF system generates formatted text files containing sample information that are e-mailed to MPD staff for central processing and distribution to the analyzing laboratories for import into the RDE system.

The RDE data entry screens have extensive editing functions and cross-checks built into the software to ensure valid values are entered for all critical data elements. This task is made easier by the practice of capturing and storing standardized codes for all critical alphanumeric data elements rather than their complete names, meanings, or descriptions. This coding scheme allows for faster and more accurate data entry, saves disk storage space, and allows the user to perform ad-hoc queries (data searches) on the database easily. The data entry screens also perform checks on numeric fields, dates, and other character fields to ensure entries are within established boundaries.

MPD staff chemists review the data online and then mark the data as ready-for-upload to the central PDP database. A separate upload application converts and passes the data to the PDP database, which is maintained using Microsoft® SQL Server and Access database tools. Access to the central PDP database is limited to MPD personnel and is controlled through password protection and user access rights.

- **Data Reporting**

The MPD staff frequently receives requests for data from government agencies and interested outside parties. Adhoc queries and custom reports are generated to fill such requests. An electronic library of data queries is maintained to generate standardized data summaries, including the data

tables, charts, and appendixes in this annual summary. Subsets of the PDP calendar-year databases are made available for download from the PDP website. The data files on the website are delimited text files that contain a portion of the sampling data, all reported residue findings, and reference lists that can be used to interpret the standardized codes seen in the PDP data. The data files can be imported into defined database structures and manipulated using common database management software packages.

- **Online Database Search Tool**

An online PDP Database search tool is available for public use. The search tool allows anyone with internet access to search for PDP pesticide residue findings on commodities tested across all published years. Search criteria are selected from lists of all reported commodities, pesticides, and survey years. One of five output preferences is selected to show individual residue findings or summary data. The generated dataset can be exported to a comma-separated values (CSV) file. The search tool can be reached from any PDP website page or directly at <https://apps.ams.usda.gov/pdp>.

## **V. Sample Results and Discussion**

- **Overview**

In 2020, PDP conducted surveys on a variety of foods including fresh and processed fruit and vegetables. Of the 9,600 samples analyzed in 2020, 7,864 were fresh fruit and vegetable samples and 1,736 were processed products. PDP testing methods are designed to detect low levels of pesticide residues. In 2020, over 99 percent of the samples tested had residues below the tolerances established by the EPA, with 30.0 percent having no detectable pesticide residue. The data reported by PDP illustrate that residues found in agricultural products sampled are at levels that do not pose risk to consumers' health and are safe according to EPA and FDA.

Appendix B tabulates the distribution of residue results for fruit and vegetables. Information included in this appendix are the number of

samples analyzed for each compound, number and percent of samples with detections, range of concentrations detected, range of analytical LODs, and EPA tolerance levels.

PDP laboratories tested foods for low levels of environmental contaminants. The selected contaminants were pesticides and are no longer used in the United States, but due to their persistence in the environment, particularly in soil, these contaminants can be still taken up by plants. Appendix C tabulates the results for environmental contaminants across all commodities. Environmental contaminants are consolidated into a single appendix because they have no registered uses and are not applied to crops in the United States. These compounds are subject to FDA Action Levels (ALs) rather than tolerances. Because environmental contaminants continue to persist in the environment, they may be present in food commodities at generally low levels.

Most of the collected and analyzed samples (59.5 percent) were produced in the United States, 34.9 percent were imports, 4.9 percent were of mixed national origin, and 0.7 percent were of unknown origin. Appendix D shows the distribution of sample origin by State or country. Of all samples collected and analyzed, approximately 29.7 percent (2,855 of 9,600) were grown, packed, and/or distributed in or from California, which is the leading agricultural production and most populous State. Appendix E includes a comparison of residues for selected commodities with significant domestic and import components.

Food monitoring data, together with dietary consumption surveys, are used by EPA to estimate dietary exposure to pesticides to ensure the safety of existing pesticide uses. EPA uses all results reported by PDP, including sample results reported as below the LOD and those above the tolerance. PDP laboratories are required to establish LODs and report any instrumental response below the LOD as a non-detect. LODs are established experimentally for each pesticide/commodity pair and are reported with each data set. The number of non-detects can be used in conjunction with

percent-crop-treated data to determine what proportion of these values may be counted as zero towards the dietary exposure. All individual sample data can be downloaded from the PDP website at <http://www.ams.usda.gov/pdp> or obtained by contacting MPD.

- Import Versus Domestic Residue Comparisons

Information about the origin of each PDP sample is recorded when the sample is collected. Figure 4 illustrates the portion of the domestic and import component for each of the PDP fruit and vegetable commodities in 2020. The data generated by PDP reflect pesticide residues in foods, both domestic and imported products, available to the U.S. consumer. Many fresh and processed commodities are almost entirely of domestic origin, such as collard greens (95.5 percent) and cauliflower (95.4 percent) with only minor import (2.0 percent and 4.0 percent, respectively) and unknown origins (2.5 percent and 0.6 percent, respectively). Other fresh commodities, such as cantaloupe and tangerines, are available from domestic growers part of the year and imported during the remaining months, as illustrated in Figure 5.

Comparison of selected residues detected in imported versus domestic cantaloupe, tangerine, and winter squash can be found in Appendix E. These sample sets were selected to compare data where residues of the listed pesticides are present in greater than 5 percent of the total samples for the commodity. The comparison of individual pesticides between the countries of origin show that the residue profiles for domestic and imported crops are significantly different, as would be expected due to different pest pressures.

The cantaloupe data in Appendix E show that acetamiprid, fluopyram, metalaxyl/mefenoxam, propamocarb hydrochloride, and thiabendazole were detected more frequently in imported samples than in domestic samples. For example, acetamiprid was detected in 40.8 percent of the Guatemalan samples and 8.3 percent of the domestic samples, while fluopyram was detected in 21.1 percent of the samples from Guatemala and 1.8 percent of the U.S. samples. Bifenthrin and imidacloprid

were detected more frequently in domestic samples than in imports. Bifenthrin was detected in 10.8 percent of U.S. samples and 0 percent of Guatemalan samples, while imidacloprid was detected in 24.0 percent of U.S. samples and 12.7 percent of samples from Guatemala. Dinotefuran, oxamyl oxime, and thiamethoxam were detected with relatively equal frequency in both the U.S. and Guatemalan cantaloupe.

The data for tangerines in Appendix E illustrates that acetamiprid, fludioxonil, and pyrimethanil were detected more frequently in imported samples than in domestic samples and azoxystrobin was detected more frequently in domestic samples. Compounds like imazalil and thiabendazole were detected with relatively equal frequency. Acetamiprid was detected in 30.3 percent of the samples from Chile, 29.5 percent of the Peruvian samples, and 1.5 percent of the U.S. samples. Fludioxonil was detected in 47.4 percent of the samples from Chile, 3.1 percent of Peruvian samples, and 31.5 percent of the U.S. samples. Pyrimethanil was detected in 27.0 percent of the Chilean samples, 6.2 percent of the Peruvian samples, and 6.7 percent of the U.S. samples. Azoxystrobin was detected in 33.6 percent of the U.S. samples, 7.2 percent of the Chilean samples, and was not detected in any of the samples from Peru. Imazalil was detected in more than 90 percent of the samples from the United States, Chile, and Peru while thiabendazole was detected at 82.4 percent of the samples from the United States, 71.7 percent of the Chilean samples, and 83.7 percent of the Peruvian samples.

The winter squash data in Appendix E shows that compounds like imidacloprid and propamocarb were detected more frequently in imported samples than in domestic samples. Imidacloprid was detected in 55.5 percent of the samples from Mexico and 17.9 percent of the U.S. samples, while propamocarb was detected in 14.7 percent of the Mexican samples and 3.6 percent of the domestic samples. Bifenthrin and cyflufenamid were detected more frequently in domestic samples than in imports. Bifenthrin was detected in 24.8 percent of U.S. samples and 18.1 percent of Mexican samples, while cyflufenamid was

detected in 21.5 percent of U.S. samples and was not detected in any of the samples from Mexico. Metalaxyl/mefenoxam and thiamethoxam were detected with relatively equal frequency in both the U.S. and Mexican winter squash.

All pesticides detected in this comparison of domestic and imported commodities had tolerances for the given commodity in the United States as shown in Appendix E; however, the profiles of residue findings were markedly different in U.S. samples versus imported samples. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

- Postharvest Applications

Pesticides can be applied before and after harvest depending on the crop and approved label use. PDP data capture both preharvest and postharvest uses because samples are collected at points when all pesticide applications have already occurred. Pesticides applied postharvest are used primarily as fungicides (e.g., azoxystrobin, imazalil, o-phenylphenol, and thiabendazole) and growth regulators/sprouting inhibitors (e.g., chlorpropham). Some detections reported in Appendix B most likely reflect postharvest applications to the raw agricultural commodity.

- Discussion of Results

There are many pesticides registered for use on the same crop; however, not all registered pesticides are used at the same time or location. In 2020, 30.0 percent of the samples tested had no detectable pesticide residue, and over 99 percent of the samples tested had residues below the tolerances established by the EPA. Pesticide use is primarily dictated by local pest pressures and environmental conditions conducive to growth of pest populations, as well as the planting of susceptible varieties.

These differences are captured by PDP data, which reflect actual residues present in food

grown in various regions of the United States and foreign countries. Thus, in evaluating consumer exposure to pesticides through the diet, EPA uses all available information provided by registrants, PDP, and others to verify that tolerances meet the safety standards set by FQPA. The presence of residues at levels below the established tolerance serves to ensure and verify the safety of the Nation's food supply.

Food commodities with pesticides detected in at least 5 percent of samples tested are shown in Appendix F. The data shown include the range and mean of values detected and EPA tolerance references for each commodity/pesticide pair.

By virtue of the MRMs employed, PDP provides critical data that can be used by EPA to evaluate exposure to multiple residues from the same commodity. The data are crucial for assessments that consider cumulative exposure to pesticides determined to have common mechanisms of toxicity. The distribution of multiple pesticides occurring in samples tested during 2020 is presented in Appendix G. These data indicate that 30.0 percent of all samples tested contained no detectable pesticides, 22.3 percent contained 1 pesticide, and 47.7 percent contained more than 1 pesticide. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues." Environmental contaminants, listed in Appendix C, have been excluded from this count of pesticides.

One sample of sweet bell peppers contained residues of 18 pesticides. No residues found on the sweet bell pepper sample exceeded the established tolerances. Multiple residue detections can result from the application of more than one pesticide on a crop during a growing season; in addition, several other factors can contribute to multiple detections. For example, unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, and/or transfer of residues of postharvest fungicides or growth regulators applied to other commodities stored in the same storage facilities could all contribute to residue detections.

In most cases, samples analyzed by PDP are composites of 3 to 5 pounds of commodity from the same lot. Therefore, the estimated concentrations for multiple residue detections in these composite sample results may or may not reflect the number or levels of pesticides in a single-serving item of a commodity.

- Environmental Contaminants

Environmental contaminants include pesticides whose uses have been canceled in the United States, but their residues persist in the environment, particularly in soil, where they may be taken up by plants. These data are also used to facilitate international trade. Residue results for environmental contaminants may be found in Appendix C.

DDT, DDD, and DDE: PDP screened samples for various metabolites of DDT including DDT o,p'; DDT p,p'; DDD o,p'; DDD p,p'; DDE o,p'; and DDE p,p'. Use of DDT has been prohibited in the United States since 1972; however, due to its persistence in the environment, low-level residues of DDT and its DDD and DDE metabolites were detected in some commodities tested. DDD o,p' was detected in collard greens (0.2 percent) and winter squash (0.1 percent). DDE p,p' was detected in broccoli (3.9 percent), carrots (4.6 percent), collard greens (1 percent), green beans (1.7 percent), radishes (3.5 percent), summer squash (3.4 percent), and winter squash (2.8 percent). DDT o,p' was detected in summer squash (2.2 percent) and winter squash (0.7 percent). DDT p,p' was detected in radishes (0.1 percent), summer squash (1.1 percent), and winter squash (1 percent). No residues of DDD p,p', or DDE o,p' were detected in any samples. All residues detected were lower than established FDA ALs.

Other Contaminants: PDP screened samples for other environmental contaminants including: aldrin, which readily metabolizes to dieldrin; BHC (alpha/beta/delta/epsilon); chlordane (cis, trans) and its metabolite oxychlordane; dieldrin; endrin; heptachlor and its epoxide metabolite; hexachlorobenzene (HCB); lindane (BHC

gamma); and mirex. HCB was used as a seed protectant until 1965 and, due to its persistence, remains in soil and grasses. In 1974, all aldrin and dieldrin uses were canceled in the United States and, in 1978, all heptachlor and mirex uses were canceled. In 1986, chlordane uses, except termiticide uses, were canceled. Despite these cancellations and because they persist in the environment, trace residues of chlordane (cis and trans), dieldrin, endrin, heptachlor (parent and epoxide), and oxychlordane were detected in some of the tested commodities.

Chlordane (cis) was detected in 3.4 percent of summer squash samples and 0.7 percent of winter squash samples, while chlordane (trans) was detected in 0.1 percent of apple juice samples, 1.1 percent of summer squash samples, and 0.7 percent of winter squash samples. Dieldrin was detected in 0.9 percent of cantaloupe samples, 0.4 percent of carrot samples, 0.2 percent of collard green samples, 0.1 percent of radish samples, 18 percent of summer squash samples, and 9.3 percent of winter squash samples. Endrin was detected in 3.4 percent of summer squash samples and 0.4 percent of winter squash samples. Heptachlor (parent) was detected in 0.2 percent of collard green samples. Heptachlor epoxide was detected in 1 percent of winter squash samples. Mirex was detected in 0.4 percent of cantaloupe samples. Oxychlordane was detected in 0.1 percent of winter squash samples. No residues of Aldrin, BHC (alpha/beta/delta/epsilon), HCB, or lindane (BHC gamma) were detected in any samples.

- Tolerance Violations

A tolerance is defined under Section 408 of the Federal Food, Drug, and Cosmetic Act as the maximum quantity of a pesticide residue allowable on a raw agricultural commodity. Tolerances are also applicable to processed foods. The FQPA of 1996 amended the Federal Insecticide, Fungicide and Rodenticide Act to require EPA to periodically review each pesticide registration using the most currently available data. Timely pesticide data provided by PDP enable the EPA to refine risk estimates used in the pesticide registration review process.

A tolerance violation occurs when a residue is found that exceeds the tolerance level or when a certain residue is found for which there is no established tolerance. Apart from meat, poultry, and egg products, for which USDA's Food Safety and Inspection Service is responsible, FDA enforces tolerances for all imported foods and domestic foods that move through interstate commerce. Unlike enforcement programs, PDP emphasizes determination of residues at low levels of detection levels rather than quick turn-around times. When PDP identifies samples with residues exceeding the tolerance or with residues for which there is no established tolerance, these detections are reported to FDA's headquarters office. This notification is made in accordance with a Memorandum of Understanding between USDA and FDA for the purpose of identifying areas where closer surveillance may be needed. FDA assesses PDP apparent violation data for appropriateness for follow up under its regulatory pesticide program. Due to the time period required for completion of PDP analyses and data reporting, FDA follow up will usually be at a subsequent harvest or commodity availability period.

Residues exceeding the established tolerance or ALs are noted with an "X" in Appendix B. Similarly, residues for which a tolerance is not established are noted with a "V" in Appendixes B and C. The "X" and "V" annotations are followed by a number indicating the number of samples reported to FDA. The EPA tolerances cited in this summary and appendixes apply to 2020 and not to the current year. There may be instances where tolerances may have been recently changed that would influence whether a residue is violative.

An established tolerance may apply to more than one residue because pesticides may break down into more than one metabolite or contain more than one isomer. If a pesticide also has a metabolite of interest, PDP assigns the metabolite the same tolerance as the parent compound. However, if the metabolite has a higher tolerance in the CFR, the higher of the two values is used for the metabolite. If a pesticide has multiple isomers the tolerance is the sum of parent and isomer(s) of interest. For example, the tolerance for endosulfan



combines residues of endosulfan I, endosulfan II, and endosulfan sulfate; and organophosphate tolerances may combine the parent compound and the sulfone and sulfoxide metabolites. Therefore, where applicable, the pesticide violations in Appendix H are combined residues of parent and any isomers and/or metabolites to count the total number of samples with tolerance violations.

A total of 341 samples with 378 pesticides was reported to FDA as Presumptive Tolerance Violations. Pesticides exceeding the tolerance were detected in 0.49 percent (47 samples) of the total samples tested (9,600 samples). Of these 47 samples, 35 were domestic (74.5 percent), 11 were imported (23.4 percent), and 1 was of unknown origin (2.1 percent), representing 0.6 percent of the total domestic samples, 0.3 percent of the total imported samples, and 1.5 percent of the total unknown origin samples, respectively. The samples containing pesticides that exceeded established tolerances included: 1 sample of blueberries, 5 samples of carrots, 2 samples of eggplant, 10 samples of green beans, 16 samples of collard greens, 6 samples of sweet bell peppers, 4 samples of radishes, 2 samples of tangerines, and 1 sample of winter squash. Commodities that did not have any samples exceeding the established tolerances were the following: apple juice, bananas, broccoli, cantaloupe, cauliflower, kiwi, orange juice, summer squash, and tomato paste.

Residues with no established tolerance were found in 3.2 percent (303 samples) of the total samples tested (9,600 samples). Of these 303 samples, 199 were domestic (65.7 percent), 100 were imported (33.0 percent), and 4 samples were of unknown origin (1.3 percent), representing 3.5 percent of the total domestic samples, 3.0 percent of the total imported samples, and 6.0 percent of the total unknown origin samples, respectively. These

samples included 295 fresh fruit and vegetable samples and 8 processed fruit/vegetable samples. The 8 processed fruit/vegetable samples were orange juice and tomato paste. There were 283 samples that contained 1 pesticide for which no tolerance was established; 16 samples with 2 pesticides for which no tolerance was established; 3 samples with 3 pesticides for which no tolerance was established; and 1 sample with 4 pesticides for which no tolerance was established. Nine of the 303 samples also contained 1 or more pesticides that exceeded an established tolerance. The pesticide residue levels and commodities are listed in Appendix H. In most cases, these pesticides with no established tolerance were detected at low levels. Some pesticide residues may have resulted from unintentional spray drift in the field; planting of crops in fields previously treated with the pesticide; transfer of pesticide residues, post-harvest fungicides, or other growth regulators applied to other commodities kept in the same storage facilities; or exposure to pesticides during transportation through the distribution chain. Commodities that did not have any samples with pesticides for which no tolerance was established were apple juice and bananas.

- Look Ahead

At the time this report was drafted, 2021 PDP sampling and testing was underway. Commodities included in the 2021 survey are: blueberries, broccoli, butter, cantaloupe, carrots, cauliflower, celery, corn grain, eggplant, grape juice, green beans, peaches, pears, plums, summer squash, sweet bell peppers, tangerines (mandarins), watermelon, and winter squash. It is anticipated that the 2021 PDP data will be published in an annual summary approximately 1 year after the date of this report.



# **Appendix A**

## **Commodity History**

Appendix A identifies commodities sampled by the Pesticide Data Program (PDP) through December 2021. Updates to this list are posted on the PDP Web site at [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp).

**APPENDIX A. COMMODITY HISTORY  
AS OF DECEMBER 2021**

***Fresh Commodities***

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Apples <sup>1</sup>	Sep-91	Dec-96
Apples (S-1)	Jan-99	Dec-99
Apples (S-2)	Jan-99	May-99
Apples	Oct-00	Sep-02
Apples (T-1)	Jan-03	Dec-03
Apples	Jan-04	Dec-05
Apples	Jan-09	Dec-10
Apples (B-1)	Aug-12	Oct-12
Apples	Oct-14	Sep-16
Asparagus	Jan-02	Jun-03
Asparagus	Jul-08	Jun-10
Asparagus	Jul-17	Jun-19
Avocados	Jul-12	Dec-12
Bananas	Sep-91	Sep-95
Bananas	Jan-01	Dec-02
Bananas (TSP)	Jul-03	Dec-03
Bananas	Jan-06	Dec-07
Bananas	Apr-12	Mar-14
Bananas	Jan-19	Dec-20
Basil	Apr-19	Sep-19
Blueberries (cultivated) <sup>2</sup>	Jan-07	Dec-08
Blueberries (cultivated) <sup>2</sup>	Jan-14	Dec-14
Blueberries (cultivated) <sup>2</sup>	Oct-20	Ongoing
Broccoli	Oct-92	Dec-94
Broccoli	Jan-01	Dec-02
Broccoli	Oct-06	Sep-08
Broccoli	Jan-13	Dec-14
Broccoli	Jan-20	Dec-21
Cabbage	Jan-10	Dec-11
Cabbage	Jul-17	Jun-19
Cantaloupe	Jul-98	Jun-00
Cantaloupe	Oct-03	Sep-05
Cantaloupe	Jan-10	Mar-10
Cantaloupe	Oct-10	Jun-12
Cantaloupe	Jul-19	Jun-21
Carrots <sup>1</sup>	Oct-92	Sep-96
Carrots	Oct-00	Sep-02
Carrots	Jan-06	Dec-07
Carrots	Jan-13	Dec-14
Carrots	Apr-20	Ongoing
Cauliflower	Oct-04	Sep-06
Cauliflower	Oct-11	Sep-13

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Cauliflower	Oct-19	Sep-21
Celery	Feb-92	Mar-94
Celery	Jan-01	Dec-02
Celery	Jan-07	Dec-08
Celery	Jan-13	Dec-14
Celery	Jul-21	Ongoing
Cherries <sup>3</sup>	May-00	Aug-01
Cherries <sup>2</sup>	May-07	Sep-07
Cherries	Apr-14	Mar-16
Cilantro	Oct-09	Sep-10
Cilantro	Oct-18	Mar-19
Collard Greens	Oct-19	Sep-20
Cranberries	Oct-06	Dec-06
Cranberries <sup>2</sup>	Oct-16	Mar-18
Cucumbers	Jan-99	Dec-00
Cucumbers	Oct-02	Sep-04
Cucumbers	Jan-09	Dec-10
Cucumbers	Jul-15	Jun-17
Eggplant	Jan-05	Dec-06
Eggplant	Jan-20	Dec-21
Grapefruit	Aug-91	Dec-93
Grapefruit	Jan-05	Dec-06
Grapefruit	Oct-15	Sep-17
Grapes <sup>1</sup>	May-91	Dec-96
Grapes	Jan-00	Dec-01
Grapes (TSP)	Jul-03	Dec-03
Grapes	Jan-04	Dec-05
Grapes	Jan-09	Dec-10
Grapes	Jan-15	Dec-16
Green Beans	Feb-92	Dec-95
Green Beans	Jan-00	Dec-01
Green Beans	Apr-04	Mar-05
Green Beans	Jan-07	Dec-08
Green Beans	Jul-13	Sep-16
Green Beans	Oct-20	Ongoing
Green Onions	Oct-08	Sep-09
Green Onions	Jan-18	Dec-18
Greens (collard & kale)	Oct-06	Sep-08
Hot Peppers	Oct-10	Sep-11
Hot Peppers	Jan-19	Dec-19
Kale	Jan-17	Dec-18
Kiwi Fruit	Apr-18	Mar-20
Lettuce	May-91	Dec-94
Lettuce	Oct-99	Sep-01
Lettuce	Jan-04	Dec-05
Lettuce	Jan-10	Dec-11
Lettuce	Jul-15	Jun-17

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Lettuce, Organic	Jan-09	Dec-09
Mangoes	Apr-10	Sep-10
Mangoes	Oct-17	Sep-18
Mushrooms	Oct-01	Sep-03
Mushrooms	Oct-11	Sep-13
Mustard Greens	Jan-19	Dec-19
Nectarines <sup>4</sup>	Jul-00	Sep-01
Nectarines	Jan-07	Dec-08
Nectarines	Jan-13	Dec-15
Onions	Jan-02	Dec-03
Onions	Oct-11	Sep-12
Onions	Jan-17	Dec-17
Oranges <sup>1</sup>	Aug-91	Dec-96
Oranges	Jan-00	Dec-01
Oranges	Jan-04	Dec-05
Oranges	Jan-09	Dec-10
Oranges	Jan-15	Dec-16
Papaya	Jul-11	Jun-12
Peaches	Feb-92	Sep-96
Peaches (S-3)	Jan-00	Sep-00
Peaches <sup>5</sup>	Jan-01	Sep-02
Peaches (T-1)	May-03	Sep-03
Peaches	Oct-06	Sep-08
Peaches (B-1)	Aug-12	Oct-12
Peaches	Jul-13	Jun-15
Peaches	Jan-21	Ongoing
Pears	Jan-97	Jun-99
Pears (S-1)	Jul-98	Jun-99
Pears	Oct-03	Sep-05
Pears	Jan-09	Dec-10
Pears (B-1)	Oct-12	Nov-12
Pears	Jan-15	Dec-16
Pears	Jan-21	Ongoing
Pineapples	Jul-00	Jun-02
Plums <sup>6</sup>	Jan-05	Dec-06
Plums	Oct-11	Sep-13
Plums	Jul-21	Ongoing
Potatoes	May-91	Dec-95
Potatoes (S-4)	Dec-96	Dec-97
Potatoes	Jul-00	Jun-02
Potatoes	Jan-08	Dec-09
Potatoes	Jan-15	Dec-16
Radishes	Jan-19	Dec-20
Raspberries <sup>2</sup>	Jan-13	Dec-13
Snap Peas	Jan-11	Dec-12
Snap Peas	Jan-17	Dec-18
Spinach <sup>1</sup>	Jan-95	Sep-97

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Spinach	Jul-02	Dec-03
Spinach <sup>7</sup>	Jan-06	Sep-06
Spinach	Jan-08	Dec-09
Spinach	Jan-15	Dec-16
Strawberries <sup>2</sup>	Jan-98	Sep-00
Strawberries	Jan-04	Dec-05
Strawberries	Jan-08	Dec-09
Strawberries	Oct-14	Sep-16
Summer Squash	Oct-06	Sep-08
Summer Squash	Oct-12	Sep-14
Summer Squash	Oct-20	Ongoing
Sweet Corn (on-the-cob)	Oct-08	Sep-10
Sweet Corn (on-the-cob)	Oct-14	Sep-15
Sweet Bell Peppers	Jan-99	Dec-00
Sweet Bell Peppers	Oct-02	Sep-04
Sweet Bell Peppers	Jan-10	Mar-12
Sweet Bell Peppers	Jul-19	Jun-21
Sweet Potatoes <sup>1</sup>	Jan-96	Jun-98
Sweet Potatoes	Jan-03	Dec-04
Sweet Potatoes	Oct-08	Sep-10
Sweet Potatoes	Apr-16	Mar-18
Tangerines	Jan-11	Dec-12
Tangerines	Oct-19	Sep-21
Tomatoes <sup>1</sup>	Jul-96	Jun-99
Tomatoes	Jan-03	Dec-04
Tomatoes	Jan-07	Dec-08
Tomatoes	Oct-14	Sep-16
Tomatoes, Cherry/Grape	Jan-11	Dec-12
Watermelon <sup>8</sup>	Oct-05	Sep-06
Watermelon	Apr-10	Sep-10
Watermelon	Jul-14	Jun-15
Watermelon	Oct-21	Ongoing
Winter Squash <sup>2</sup>	Jan-97	Jun-99
Winter Squash	Jul-04	Jun-06
Winter Squash	Oct-11	Mar-13
Winter Squash	Jan-20	Dec-21

#### **NOTES**

- <sup>1</sup> Excludes sampling hiatus September - November 1996.
- <sup>2</sup> Frozen collected when fresh unavailable.
- <sup>3</sup> Sampling adjusted for market availability. Cherries were sampled for 2 years (May-00 - Aug-01) for a total of 6 months.
- <sup>4</sup> Sampling adjusted for market availability. Nectarines were sampled for 2 years (Jul-00 - Sep-01) for a total of 6 months.
- <sup>5</sup> Sampling adjusted for market availability. Peaches were sampled for 2 years (Jan-01 - Sep-02) for a total of 16 months.
- <sup>6</sup> Dried plums (prunes) were collected when fresh plums were not available.

Commodity	Start Date	End Date
<sup>7</sup> Spinach	ended earlier than planned	due to the unavailability of product.
<sup>8</sup> Samples	collected in California, Florida, and Texas	only.
(B-1) Special project	testing for bifenthrin	in multi-residue screen.
(S-1) Special single serving	project testing for organophosphates.	
(S-2) Special single serving	project testing for carbamates.	
(S-3) Special single serving	project testing for carbamate, organochlorine, organophosphate, organonitrogen, and sulfur compounds.	
(S-4) Special single serving	project testing for aldicarb.	
(T-1) Triazole parent	and metabolite compounds	only.
(TSP) Triazole Sampling	Project. Samples sent to contract	laboratory.

## **Processed Commodities**

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Apple Juice <sup>1</sup>	Jul-96	Dec-98
Apple Juice	Jan-02	Dec-02
Apple Juice	Jul-07	Jun-08
Apple Juice	Jul-12	Jun-13
Apple Juice	Jan-20	Dec-20
Applesauce	Jul-02	Dec-02
Applesauce	Jan-06	Dec-06
Applesauce	Oct-16	Sep-17
Asparagus, Canned	Jul-03	Dec-03
Beans, Canned (4 varieties) <sup>2</sup>	Oct-08	Sep-10
Beets, Canned	Jan-11	Dec-11
Blueberries (cultivated), Frozen <sup>3</sup>	Jan-07	Dec-08
Blueberries (cultivated/wild), Frozen <sup>3</sup>	Jan-14	Dec-14
Blueberries (cultivated), Frozen <sup>3</sup>	Oct-20	Ongoing
Cherries, Frozen <sup>4</sup>	Apr-14	Mar-16
Corn Syrup <sup>4</sup>	Jan-98	Jun-99
Cranberries, Canned	Apr-18	Sep-18
Cranberries, Frozen <sup>3</sup>	Oct-16	Mar-18
Garbanzo Beans, Canned	Oct-17	Sep-18
Garbanzo Beans, Dried	Jan-19	Dec-19
Grape Juice	Jan-98	Dec-99
Grape Juice	Jan-08	Dec-08
Grape Juice	Oct-13	Sep-14
Grape Juice	Jan-21	Dec-21
Green Beans, Canned/Frozen <sup>1</sup>	Jan-96	Jun-98
Green Beans, Canned	Jan-03	Mar-04
Green Beans, Frozen	Apr-05	Dec-05
Green Beans, Canned/Frozen	Jan-14	Dec-14
Olives, Canned	Oct-16	Sep-18
Orange Juice	Jan-97	Dec-98
Orange Juice	Oct-04	Sep-06
Orange Juice	Oct-10	Sep-11
Orange Juice	Jan-12	Jun-12
Orange Juice	Oct-19	Sep-20
Peaches, Canned	Dec-96	Dec-97
Peaches, Canned	Jan-03	Dec-04
Peaches, Canned	Jan-18	Dec-18
Peaches, Canned (T-1)	Jan-03	Mar-03
Peaches, Canned (T-1)	Oct-03	Dec-03
Pear Juice, Concentrate/Puree	Jul-02	Jun-03
Pears, Canned	Jul-99	Jun-00
Peas, Canned/Frozen	Apr-94	Jun-96
Peas, Canned/Frozen <sup>5</sup>	Oct-01	Sep-03
Peas, Canned/Frozen	Oct-18	Sep-19
Peas, Frozen	Jan-06	Dec-06
Pineapple, Canned	Jan-17	Dec-17



<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Plums, Dried (Prunes) <sup>6</sup>	Jan-05	Dec-06
Plums, Dried (Prunes)	Oct-17	Sep-18
Potatoes, Frozen	Jan-06	Dec-07
Raisins	Jul-06	Jun-07
Raisins	Jan-18	Dec-18
Raspberries, Frozen <sup>3</sup>	Jan-13	Dec-13
Spinach, Canned	Oct-97	Dec-98
Spinach, Canned	Jan-04	Jun-04
Spinach, Canned/Frozen	Jul-10	Jun-11
Spinach, Canned/Frozen	Oct-18	Sep-19
Spinach, Frozen	Jan-99	Dec-99
Strawberries, Frozen <sup>3</sup>	Jan-98	Sep-00
Strawberries, Frozen	Oct-18	Sep-19
Sweet Corn, Canned/Frozen	Apr-94	Mar-96
Sweet Corn, Canned/Frozen <sup>5</sup>	Oct-01	Sep-03
Sweet Corn, Frozen <sup>3</sup>	Oct-08	Sep-10
Sweet Corn, Frozen <sup>3</sup>	Oct-14	Sep-15
Tomato Paste, Canned	Jan-01	Jun-01
Tomato Paste, Canned	Jan-09	Dec-09
Tomato Paste, Canned	Oct-19	Sep-20
Tomatoes, Canned	Jul-99	Jun-00
Tomatoes, Canned	Oct-16	Sep-17
Winter Squash, Frozen <sup>3</sup>	Jan-97	Jun-99

### ***Baby Food / Formula Products***

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Baby Food, Applesauce	Jul-12	Jun-13
Baby Food, Carrots	Jan-12	Dec-12
Baby Food, Green Beans	Oct-10	Sep-11
Baby Food, Peaches	Jan-12	Dec-12
Baby Food, Pears	Oct-10	Sep-11
Baby Food, Peas	Jul-12	Jun-13
Baby Food, Sweet Potatoes	Oct-10	Sep-11
Infant Formula, Dairy-Based	Oct-13	Sep-14
Infant Formula, Soy-Based	Oct-13	Sep-14

### **NOTES**

- <sup>1</sup> Excludes sampling hiatus September - November 1996.
  - <sup>2</sup> Bean varieties included black, garbanzo, kidney, and pinto.
  - <sup>3</sup> Frozen collected when fresh unavailable.
  - <sup>4</sup> Excludes sampling hiatus January 1999.
  - <sup>5</sup> Canned samples collected in first year and frozen samples in second year of testing.
  - <sup>6</sup> Dried plums (prunes) were collected when fresh plums were not available.
- (T-1) Triazole parent and metabolite compounds only.

### **Grains**

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Barley	Oct-01	Sep-03
Corn	Oct-06	Sep-08
Corn	Jul-21	Ongoing
Oats	Jul-99	Apr-00
Oats	Jan-10	Jun-10
Oats	Apr-14	Aug-14
Oats	Jan-19	Dec-19
Rice	Oct-00	Sep-02
Rice <sup>1</sup>	Oct-08	Sep-09
Rice	Apr-14	Aug-14
Rice	Oct-18	Sep-19
Soybeans	Sep-96	Feb-98
Soybeans	Oct-03	Sep-05
Soybeans	Sep-10	Apr-11
Soybeans (S-1)	Oct-05	Dec-05
Wheat	Feb-95	Jan-98
Wheat	Sep-04	Jun-06
Wheat	Jul-12	Sep-12
Wheat Flour	Jan-03	Dec-04
Wheat Flour	Jan-18	Dec-18
Wheat Flour (T-1)	Jan-03	Dec-03

### **Nuts and Nut Products**

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Almonds	Jul-07	Mar-08
Peanut Butter	Jan-00	Dec-00
Peanut Butter (TSP)	Jul-03	Dec-03
Peanut Butter	Jan-06	Dec-06
Peanut Butter	Apr-15	Aug-15

### **Dairy Products**

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Butter	Jan-03	Dec-03
Butter	Jan-12	Dec-13
Butter	Oct-21	Ongoing
Heavy Cream	Jul-05	Dec-05
Heavy Cream	Jan-07	Dec-07
Heavy Cream	Jun-18	Aug-18
Milk <sup>2</sup>	Jan-96	Oct-98
Milk (TSP)	Jul-03	Dec-03
Milk	Jan-04	Dec-05
Milk	Jan-11	Dec-11
Milk	Jan-16	Dec-17

### ***Fish Products***

<b>Commodity</b>	<b>Type</b>	<b>Start Date</b>	<b>End Date</b>
Fish <sup>3</sup>	Catfish	Apr-08	Jun-10
Fish	Salmon	Jul-13	Jun-14

### ***Meat / Poultry / Pork Products***

<b>Commodity</b>	<b>Type</b>	<b>Start Date</b>	<b>End Date</b>
Poultry	Young Chickens	Apr-00	Mar-01
Poultry	Young & Mature Chickens	Jan-06	Dec-06
Beef	Cows, Heifers, Steers	Jun-01	Jul-02
Beef <sup>4</sup>	Cows, Heifers, Steers	Dec-08	May-09
Pork	Gilt, Barrow	Jan-05	Jun-05

### ***Other Products***

<b>Commodity</b>	<b>Start Date</b>	<b>End Date</b>
Eggs (TSP)	Jul-03	Dec-03
Eggs	Jul-10	Jun-11
Eggs	Apr-16	Aug-16
Honey	Oct-07	Sep-08
Honey	Apr-17	Aug-17

### ***Drinking Water***

<b>States</b>	<b>Start Date</b>	<b>End Date</b>
<b>Finished Water Only (27 sites)</b>		
California, Colorado, Kansas, New York, Texas	Mar-01	Dec-03
<b>Raw Intake and Finished Water (70 sites)</b>		
Alabama, Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington State, and Washington, D.C.	Jan-04	Apr-13
<b>Bottled Water</b>		
10 Participating States	Jan-05	Dec-06
10 Participating States	Jan-17	Dec-17
<b>Groundwater</b>		
1,495 Private Wells in 45 States plus Washington, DC	Jan-07	Feb-13
16 Municipal Water Facilities in 13 States	Mar-10	Feb-13

## **NOTES**

- <sup>1</sup> Includes sampling hiatus May-July 2009.
  - <sup>2</sup> Excludes sampling hiatus September - November 1996.
  - <sup>3</sup> Excludes sampling hiatus April-June 2009.
  - <sup>4</sup> Survey ended 7 months early due to budgetary constraints.
- (S-1) Special survey for fungicides used to combat soybean rust.  
(T-1) Triazole parent and metabolite compounds only.  
(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

## **Appendix B**

### **Distribution of Residues by Pesticide in Fruit and Vegetables**

Appendix B shows residue detections for all fruit and vegetable pesticide/commodity pairs tested, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances for each pair. The EPA tolerances cited in this summary and appendixes apply to 2020 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2020, the Pesticide Data Program (PDP) analyzed 9,600 fruit and vegetable samples, of which 7,864 were fresh products and 1,736 were processed products.

PDP reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Tolerance Violation" column and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including fruit and vegetables, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix C).

## APPENDIX B. DISTRIBUTION OF RESIDUES BY PESTICIDE IN FRUIT AND VEGETABLES

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>2,3,5-Trimethacarb (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>2,6-DIPN (plant growth regulator)</b>							
Green Beans	177	0			0.005 - 0.010		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005 - 0.010		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005 - 0.010		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Abamectin (insecticide)</b>							
Apple Juice	724	0			0.004		0.02
Bananas	703	0			0.004		0.01
Blueberries, Cultivated, Fresh	168	0			0.050		0.05
Blueberries, Frozen	7	0			0.050		0.05
Cantaloupe	694	0			0.050		0.01
Green Beans	177	0			0.020		0.08
Orange Juice	499	0			0.020		0.02
Summer Squash	89	0			0.020		0.01
Tomato Paste	290	0			0.020		0.07
Winter Squash	<u>677</u>	<u>0</u>			0.020		0.01
<b>TOTAL</b>	<b>4,028</b>	<b>0</b>					
<b>Acephate (insecticide)</b>							
Apple Juice	724	0			0.075		0.02
Bananas	703	0			0.075		0.02
Blueberries, Cultivated, Fresh	168	0			0.003		0.02
Blueberries, Frozen	7	0			0.003		0.02
Cantaloupe	693	0			0.003		0.02
Carrots	499	0			0.075		0.02
Cauliflower	664	5	0.8	0.015 - 0.069	0.005		2.0
Collard Greens	514	1	0.2	0.006	0.003		0.02
Eggplant	661	1	0.2	0.10	0.005 - 0.075	X-1	0.02
Green Beans	177	8	4.5	0.006 - 6.8	0.005	X-7	0.02
Kiwi Fruit	177	0			0.15		0.02
Orange Juice	499	0			0.005		0.02
Radishes	689	0			0.050		0.02
Summer Squash	176	0			0.005 - 0.015		0.02
Sweet Bell Peppers	675	24	3.6	0.051 - 0.86	0.050		4.0
Tangerines	687	0			0.060		0.02
Tomato Paste	506	0			0.005 - 0.060		0.02
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.052	0.005	X-1	0.02
<b>TOTAL</b>	<b>8,896</b>	<b>40</b>					
<b>Acequinocyl (acaricide)</b>							
Carrots	<u>499</u>	<u>0</u>			0.20		NT
<b>TOTAL</b>	<b>499</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Acetamiprid (insecticide)</b>							
Apple Juice	724	91	12.6	0.012 - 0.034	0.007		1.0
Bananas	703	0			0.007		0.5
Blueberries, Cultivated, Fresh	168	65	38.7	0.002 - 0.54	0.002		1.6
Blueberries, Frozen	7	0			0.002		1.6
Broccoli	628	4	0.6	0.002 - 0.007	0.001 - 0.006		1.2
Cantaloupe	694	94	13.5	0.002 - 0.026	0.002		0.50
Carrots	499	0			0.005		0.01
Cauliflower	692	1	0.1	0.007	0.003		1.2
Collard Greens	514	57	11.1	0.002 - 1.1	0.002		15
Eggplant	661	85	12.9	0.002 - 0.17	0.001 - 0.005		0.20
Green Beans	177	3	1.7	0.002 - 0.016	0.001		0.60
Kiwi Fruit	177	0			0.005		0.01
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.010		0.01
Summer Squash	176	15	8.5	0.002 - 0.015	0.001 - 0.002		0.50
Sweet Bell Peppers	675	52	7.7	0.011 - 0.28	0.010	X-1	0.20
Tangerines	687	90	13.1	0.002 - 0.064	0.002		1.0
Tomato Paste	506	19	3.8	0.001 - 0.009	0.001 - 0.002		0.40
Winter Squash	<u>677</u>	<u>40</u>	5.9	0.001 - 0.017	0.001		0.50
<b>TOTAL</b>	<b>9,553</b>	<b>616</b>					
<b>Acetochlor (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.001 - 0.003		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.050		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.030		NT
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.001 - 0.050		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,809</b>	<b>0</b>					
<b>Acibenzolar S methyl (fungicide)</b>							
Apple Juice	724	0			0.025		0.05
Bananas	703	0			0.025		0.1
Blueberries, Cultivated, Fresh	168	0			0.020		0.15
Blueberries, Frozen	7	0			0.020		0.15
Broccoli	675	0			0.004 - 0.012		1.0
Cantaloupe	694	0			0.020		2.0
Carrots	499	0			0.040		NT
Cauliflower	692	0			0.004		1.0
Eggplant	661	0			0.004 - 0.040		1.0
Kiwi Fruit	177	0			0.080		NT
Radishes	689	0			0.010		NT
Summer Squash	87	0			0.030		2.0
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.030		0.02
Tomato Paste	<u>216</u>	<u>0</u>			0.030		3.0
<b>TOTAL</b>	<b>7,354</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Aclonifen (herbicide)</b>							
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Afidopyropen (insecticide)</b>							
Apple Juice	724	0			0.005		0.02
Broccoli	675	0			0.001 - 0.003		0.50
Cauliflower	692	0			0.001		0.50
Eggplant	350	0			0.001		0.2
Summer Squash	87	0			0.010		0.70
Tangerines	687	0			0.010		0.15
Tomato Paste	<u>216</u>	<u>0</u>			0.010		0.2
<b>TOTAL</b>	<b>3,431</b>	<b>0</b>					
<b>Alachlor (herbicide)</b>							
Broccoli	675	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.020		NT
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.001 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,426</b>	<b>0</b>					
<b>Aldicarb (insecticide)</b>							
Blueberries, Cultivated, Fresh	79	0			0.030		NT
Blueberries, Frozen	4	0			0.030		NT
Broccoli	675	0			0.001 - 0.003		NT
Cantaloupe	428	0			0.030		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.001		NT
Collard Greens	271	0			0.030		NT
Eggplant	661	0			0.001 - 0.020		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.005		0.3
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.002 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.002		NT
Tomato Paste	506	0			0.002 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>7,572</b>	<b>0</b>					
<b>Aldicarb sulfone (metabolite of Aldicarb)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Cantaloupe	694	0			0.005		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Carrots	499	0			0.025		NT
Cauliflower	664	0			0.003 - 0.010		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.003 - 0.025		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.003		0.3
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.010		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.003 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>7,470</b>	<b>0</b>					
<b>Aldicarb sulfoxide (metabolite of Aldicarb)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.055		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.002 - 0.055		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.055		NT
Orange Juice	499	0			0.003		0.3
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	656	0			0.010		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,797</b>	<b>0</b>					
<b>Allethrin (insecticide)</b>							
Carrots	499	0			0.080		NT
Eggplant	311	0			0.080		NT
Kiwi Fruit	177	0			0.080		NT
Radishes	689	0			0.010		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>2,351</b>	<b>0</b>					
<b>Allidochlor (herbicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ametoctradin (fungicide)</b>							
Broccoli	675	12	1.8	0.004 - 0.51	0.003		9.0
Carrots	499	0			0.010		NT
Cauliflower	692	3	0.4	0.002	0.001		9.0
Eggplant	661	0			0.003 - 0.010		1.5
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	1	1.1	0.017	0.001		3.0
Sweet Bell Peppers	675	11	1.6	0.012 - 0.066	0.010		1.5
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		1.5
Winter Squash	<u>677</u>	<u>19</u>	2.8	0.001 - 0.027	0.001		3.0
<b>TOTAL</b>	<b>6,703</b>	<b>46</b>					
<b>Ametryn (herbicide)</b>							
Bananas	703	0			0.001		0.25
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,776</b>	<b>0</b>					
<b>Amicarbazone (herbicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Aminocarb (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Anilofos (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Aspon (insecticide)</b>							
Radishes	689	0			0.005		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,364</b>	<b>0</b>					
<b>Asulam (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Atraton (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Atrazine (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	3	0.4	0.002 - 0.003	0.001	V-3	NT
Cantaloupe	694	0			0.002		NT
Carrots	499	1	0.2	0.001	0.001	V-1	NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	33	6.4	0.002 - 0.029	0.002	V-33	NT
Eggplant	661	0			0.001		NT
Green Beans	177	1	0.6	0.002	0.001	V-1	NT
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.010		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,173</b>	<b>38</b>					
<b>Aviglycine hydrochloride (plant growth regulator)</b>							
Apple Juice	<u>724</u>	<u>0</u>			0.001		0.08
<b>TOTAL</b>	<b>724</b>	<b>0</b>					
<b>Azaconazole (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Azamethiphos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Azimsulfuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,442</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Azinphos (insecticide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Azinphos methyl (insecticide)</b>							
Apple Juice	724	0			0.010		NT
Bananas	703	0			0.010		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.006		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.006		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.005 - 0.006		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Radishes	668	0			0.020		NT
Summer Squash	176	0			0.005 - 0.010		NT
Sweet Bell Peppers	675	0			0.020		NT
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.005 - 0.050		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>9,579</b>	<b>0</b>					
<b>Azinphos methyl oxygen analog (metabolite of Azinphos methyl)</b>							
Apple Juice	724	0			0.005		NT
Bananas	703	0			0.005		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,893</b>	<b>0</b>					
<b>Azoxystrobin (fungicide)</b>							
Bananas	703	368	52.3	0.003 - 0.020	0.002		0.1
Blueberries, Cultivated, Fresh	168	40	23.8	0.002 - 1.4	0.002		10.0
Blueberries, Frozen	7	1	14.3	0.026	0.002		10.0
Broccoli	675	99	14.7	0.002 - 1.3	0.001		3.0
Cantaloupe	666	9	1.4	0.002 - 0.004	0.002		0.3
Carrots	499	25	5	0.010 - 0.043	0.010		1.0
Cauliflower	692	2	0.3	0.002 - 0.038	0.001		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	514	115	22.4	0.002 - 11	0.002		25
Eggplant	661	48	7.3	0.002 - 0.043	0.001 - 0.010		3.0
Green Beans	177	42	23.7	0.001 - 0.92	0.001		3.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	3	0.6	0.004 - 0.010	0.001 - 0.005		15.0
Radishes	689	75	10.9	0.002 - 0.19	0.002		1.0
Summer Squash	176	3	1.7	0.002 - 0.004	0.001		0.3
Sweet Bell Peppers	675	200	29.6	0.002 - 0.11	0.002		3.0
Tangerines	687	123	17.9	0.002 - 0.13	0.002		15.0
Tomato Paste	506	367	72.5	0.001 - 0.023	0.001 - 0.002		0.6
Winter Squash	<u>677</u>	<u>27</u>	4	0.001 - 0.034	0.001		0.3
<b>TOTAL</b>	<b>8,848</b>	<b>1,547</b>					
<b>Beflubutamid (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Benalaxyl (fungicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		0.20
Winter Squash	<u>677</u>	<u>2</u>	0.3	0.009 - 0.010	0.003	V-2	NT
<b>TOTAL</b>	<b>1,732</b>	<b>2</b>					
<b>Bendiocarb (insecticide)</b>							
Bananas	703	0			0.005		NT
Blueberries, Cultivated, Fresh	168	0			0.003		NT
Blueberries, Frozen	7	0			0.003		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.003		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.003		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,876</b>	<b>0</b>					
<b>Benfluralin (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Collard Greens	514	0			0.010		NT
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>3,115</b>	<b>0</b>					
<b>Benoxacor (herbicide safener)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		0.01
Blueberries, Frozen	7	0			0.010		0.01
Broccoli	675	0			0.001		0.01
Cantaloupe	694	0			0.010		0.01
Carrots	499	0			0.015		0.01
Cauliflower	692	0			0.001		0.01
Collard Greens	514	0			0.010		0.01
Eggplant	661	0			0.001 - 0.015		0.01
Green Beans	177	0			0.003		0.01
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		0.01
Summer Squash	176	0			0.003 - 0.020		0.01
Sweet Bell Peppers	675	0			0.005		0.01
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.003 - 0.020		0.01
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.01
<b>TOTAL</b>	<b>8,173</b>	<b>0</b>					
<b>Bensulfuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Bensulide (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.004		NT
Blueberries, Frozen	7	0			0.004		NT
Cantaloupe	694	0			0.004		0.15
Carrots	499	0			0.005		0.10
Collard Greens	514	1	0.2	0.046	0.004		0.15
Eggplant	311	0			0.005		0.10
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.010		0.15
Sweet Bell Peppers	675	0			0.010		0.10
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.001 - 0.050		0.10
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.15
<b>TOTAL</b>	<b>6,456</b>	<b>1</b>					
<b>Bensulide oxygen analog (metabolite of Bensulide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Cantaloupe	694	0			0.002		0.15
Carrots	499	0			0.010		0.10
Collard Greens	514	2	0.4	0.003 - 0.031	0.002		0.15

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	311	0			0.010		0.10
Kiwi Fruit	177	0			0.010		NT
Summer Squash	87	0			0.002		0.15
Tangerines	687	0			0.002		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.002		0.10
<b>TOTAL</b>	<b>3,360</b>	<b>2</b>					
<b>Bentazon (herbicide)</b>							
Carrots	499	0			0.030		NT
Eggplant	311	0			0.030		NT
Kiwi Fruit	177	0			0.030		NT
Summer Squash	87	0			0.050		NT
Tangerines	687	0			0.10		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.10		NT
<b>TOTAL</b>	<b>1,977</b>	<b>0</b>					
<b>Benthiavdicarb isopropyl (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		0.45
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Benzobicyclon (herbicide)</b>							
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Benzovindiflupyr (fungicide)</b>							
Apple Juice	724	0			0.003		0.20
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		1.5
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	2	1.1	0.001 - 0.002	0.001 - 0.005		0.30
Tangerines	687	1	0.1	0.006	0.005	V-1	NT
Tomato Paste	506	2	0.4	0.002	0.001 - 0.005		1.5
Winter Squash	<u>677</u>	<u>18</u>	2.7	0.001 - 0.007	0.001		0.30
<b>TOTAL</b>	<b>4,256</b>	<b>23</b>					
<b>Bifenazate (acaricide)</b>							
Apple Juice	724	0			0.010		0.7
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		4.0
Green Beans	177	0			0.003		6.0
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		0.75
Sweet Bell Peppers	675	9	1.3	0.010 - 0.11	0.010		4.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.003		4.0
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.75
<b>TOTAL</b>	<b>4,807</b>	<b>9</b>					
<b>BifenoX (herbicide)</b>							
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Bifenthrin (insecticide)</b>							
Apple Juice	724	0			0.002		0.5
Bananas	703	0			0.002		0.1
Blueberries, Cultivated, Fresh	168	10	6	0.004 - 0.11	0.002		1.8
Blueberries, Frozen	7	4	57.1	0.033 - 0.085	0.002		1.8
Broccoli	675	22	3.3	0.002 - 0.16	0.001		0.6
Cantaloupe	662	53	8	0.002 - 0.006	0.002		0.4
Carrots	499	0			0.005		0.10
Cauliflower	692	0			0.001		0.6
Collard Greens	514	107	20.8	0.002 - 5.3	0.002	X-2	3.5
Eggplant	661	51	7.7	0.002 - 0.078	0.001 - 0.005	X-1	0.05
Green Beans	177	38	21.5	0.002 - 0.17	0.001		0.6
Kiwi Fruit	177	0			0.010		0.05
Orange Juice	499	0			0.001		0.05
Radishes	689	2	0.3	0.007 - 0.014	0.005		0.10
Summer Squash	176	19	10.8	0.001 - 0.11	0.001 - 0.005		0.4
Sweet Bell Peppers	675	50	7.4	0.005 - 0.11	0.005		0.5
Tangerines	687	0			0.005		0.05
Tomato Paste	505	264	52.3	0.001 - 0.040	0.001 - 0.005		0.15
Winter Squash	<u>677</u>	<u>147</u>	21.7	0.001 - 0.15	0.001		0.4
<b>TOTAL</b>	<b>9,567</b>	<b>767</b>					
<b>Bioallethrin (insecticide)</b>							
Green Beans	127	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	34	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>615</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,565</b>	<b>0</b>					
<b>Biphenyl (fungicide)</b>							
Carrots	499	0			0.075		NT
Eggplant	311	0			0.075		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.075		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Bitertanol (fungicide)</b>							
Bananas	703	0			0.001		0.5
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.010		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>3,799</b>	<b>0</b>					



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Boscalid (fungicide)</b>							
Apple Juice	724	2	0.3	0.008	0.005		3.0
Bananas	703	1	0.1	0.008	0.005		0.40
Blueberries, Cultivated, Fresh	168	88	52.4	0.004 - 3.0	0.003		13.0
Blueberries, Frozen	7	4	57.1	0.037 - 0.25	0.003		13.0
Broccoli	675	72	10.7	0.002 - 0.78	0.001		6.0
Cantaloupe	694	0			0.003		3.0
Carrots	499	90	18	0.020 - 0.11	0.020		2.0
Cauliflower	692	2	0.3	0.002 - 0.005	0.001		6.0
Collard Greens	514	85	16.5	0.003 - 0.34	0.003		60
Eggplant	661	11	1.7	0.002 - 0.018	0.001 - 0.010		3.0
Green Beans	177	20	11.3	0.004 - 0.37	0.003		5.0
Kiwi Fruit	177	3	1.7	0.030 - 0.087	0.015	V-3	NT
Orange Juice	499	0			0.003		2.0
Radishes	689	2	0.3	0.011 - 0.017	0.010		2.0
Summer Squash	176	4	2.3	0.003 - 0.005	0.003 - 0.005		3.0
Sweet Bell Peppers	675	58	8.6	0.010 - 0.33	0.010		3.0
Tangerines	687	1	0.1	0.010	0.005		2.0
Tomato Paste	506	0			0.003 - 0.005		3.0
Winter Squash	677	26	3.8	0.003 - 0.030	0.003		3.0
<b>TOTAL</b>	<b>9,600</b>	<b>469</b>					
<b>Bromacil (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.003		NT
Blueberries, Frozen	7	0			0.003		NT
Cantaloupe	694	0			0.003		NT
Carrots	499	0			0.020		NT
Collard Greens	514	1	0.2	0.004	0.003	V-1	NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		0.1
Summer Squash	176	0			0.003 - 0.010		NT
Tangerines	687	0			0.010		0.1
Tomato Paste	496	0			0.003 - 0.010		NT
Winter Squash	677	0			0.003		NT
<b>TOTAL</b>	<b>5,082</b>	<b>1</b>					
<b>Bromobutide (herbicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	677	0			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Bromophos ethyl (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	677	0			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Bromopropylate (acaricide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Bromuconazole (fungicide)</b>							
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Bupirimate (fungicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Buprofezin (insecticide)</b>							
Apple Juice	724	0			0.001		3.0
Bananas	703	51	7.3	0.002 - 0.14	0.001		0.20
Blueberries, Cultivated, Fresh	168	7	4.2	0.001 - 0.003	0.001		2.5
Blueberries, Frozen	7	0			0.001		2.5
Broccoli	675	2	0.3	0.014 - 0.68	0.001		12
Cantaloupe	694	8	1.2	0.001	0.001		0.50
Carrots	499	0			0.001		NT
Cauliflower	692	0			0.001		12
Collard Greens	514	3	0.6	0.001 - 0.002	0.001		60
Eggplant	661	0			0.001		2.0
Green Beans	177	7	4	0.002 - 0.031	0.001	X-1	0.02
Kiwi Fruit	177	1	0.6	0.002	0.001	V-1	NT
Orange Juice	499	0			0.001		4
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001		0.50
Sweet Bell Peppers	675	6	0.9	0.010 - 0.053	0.010		2.0
Tangerines	687	1	0.1	0.001	0.001		4
Tomato Paste	506	0			0.001		2.0
Winter Squash	<u>677</u>	<u>6</u>	0.9	0.002 - 0.009	0.001		0.50
<b>TOTAL</b>	<b>9,600</b>	<b>92</b>					
<b>Butachlor (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Butocarboxim (insecticide, acaricide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Kiwi Fruit	177	0			0.010		NT
Radishes	689	0			0.010		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>2,351</b>	<b>0</b>					
<b>Butocarboxim sulfone (metabolite of Butocarboxim)</b>							
Carrots	499	0			0.015		NT
Eggplant	311	0			0.015		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Butocarboxim sulfoxide (metabolite of Butocarboxim)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Butralin (herbicide)</b>							
Green Beans	177	0			0.001 - 0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Butylate (herbicide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Cadusafos (insecticide)</b>							
Bananas	703	0			0.001		0.01
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,435</b>	<b>0</b>					
<b>Captan (fungicide) (parent of THPI)</b>							
Cantaloupe	651	0			0.025		0.05
Carrots	499	0			0.10		0.05
Eggplant	311	0			0.10		0.05
Sweet Bell Peppers	<u>635</u>	<u>0</u>			0.020		0.05
<b>TOTAL</b>	<b>2,096</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Carbaryl (insecticide)</b>							
Apple Juice	724	17	2.3	0.008 - 0.068	0.005		12
Bananas	703	0			0.005		5.0
Blueberries, Cultivated, Fresh	168	0			0.007		3.0
Blueberries, Frozen	7	0			0.007		3.0
Broccoli	675	4	0.6	0.005 - 0.030	0.003		10
Cantaloupe	694	3	0.4	0.006 - 0.031	0.003		3.0
Carrots	499	0			0.005		2.0
Cauliflower	692	0			0.001 - 0.006		10
Collard Greens	489	2	0.4	0.003	0.003		10
Eggplant	661	37	5.6	0.002 - 0.35	0.001 - 0.005		5.0
Green Beans	177	3	1.7	0.003 - 0.013	0.003		10
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	3	0.6	0.003 - 0.004	0.003		10
Radishes	689	0			0.010		2.0
Summer Squash	176	0			0.002 - 0.003		3.0
Sweet Bell Peppers	675	10	1.5	0.010 - 0.37	0.010		5.0
Tangerines	687	9	1.3	0.006 - 0.075	0.005		10
Tomato Paste	506	0			0.003 - 0.005		5.0
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.003	0.003		3.0
<b>TOTAL</b>	<b>9,575</b>	<b>89</b>					
<b>Carbendazim - MBC (fungicide) (metabolite of Benomyl and Thiophanate Methyl)</b>							
Apple Juice	724	28	3.9	0.013 - 0.034	0.008		2.0
Bananas	703	0			0.008		2.0
Blueberries, Cultivated, Fresh	168	9	5.4	0.001 - 0.010	0.001	V-9	NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	2	0.3	0.020 - 0.15	0.003	V-2	NT
Cantaloupe	694	9	1.3	0.001 - 0.041	0.001		1.0
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.001		NT
Green Beans	177	41	23.2	0.002 - 0.24	0.001		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	1	0.2	0.002	0.001	V-1	NT
Radishes	689	1	0.1	0.085	0.010	V-1	NT
Summer Squash	176	2	1.1	0.003 - 0.004	0.001 - 0.010		1.0
Sweet Bell Peppers	675	1	0.1	0.012	0.010	V-1	NT
Tangerines	687	1	0.1	0.13	0.050	V-1	NT
Tomato Paste	506	0			0.001 - 0.050		NT
Winter Squash	<u>677</u>	<u>16</u>	2.4	0.001 - 0.027	0.001		1.0
<b>TOTAL</b>	<b>8,939</b>	<b>111</b>					
<b>Carbofuran (insecticide) (parent of 3-Hydroxycarbofuran)</b>							
Apple Juice	724	0			0.003		NT
Bananas	703	0			0.003		0.1
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>9,600</b>	<b>0</b>					
<b>Carbophenothion (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Carboxin (fungicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003 - 0.005		0.2
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.025		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.025		NT
Tomato Paste	506	0			0.003 - 0.025		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,073</b>	<b>0</b>					
<b>Carfentrazone (herbicide)</b>							
Apple Juice	724	0			0.006		0.10
Bananas	703	0			0.006		0.10
Blueberries, Cultivated, Fresh	168	0			0.005		0.10
Blueberries, Frozen	7	0			0.005		0.10
Broccoli	675	0			0.005 - 0.030		0.10
Cantaloupe	694	0			0.005		0.10
Carrots	499	0			0.020		0.10
Cauliflower	669	0			0.005 - 0.030		0.10
Collard Greens	514	0			0.005		0.10
Eggplant	661	0			0.005 - 0.020		0.10
Green Beans	177	0			0.003		0.10
Kiwi Fruit	177	0			0.020		0.10
Orange Juice	499	0			0.003		0.10
Radishes	689	0			0.005		0.10
Summer Squash	176	0			0.003 - 0.005		0.10
Sweet Bell Peppers	675	0			0.005		0.10
Tangerines	687	0			0.005		0.10
Tomato Paste	506	0			0.003 - 0.005		0.10
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.10
<b>TOTAL</b>	<b>9,577</b>	<b>0</b>					
<b>Carpropamid (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorantraniliprole (insecticide)</b>							
Apple Juice	724	9	1.2	0.012	0.007		1.2
Bananas	703	0			0.007		4.0
Blueberries, Cultivated, Fresh	168	10	6	0.011 - 0.086	0.010		2.5
Blueberries, Frozen	7	1	14.3	0.043	0.010		2.5
Broccoli	675	19	2.8	0.006 - 0.10	0.005		4.0
Cantaloupe	694	0			0.010		0.5
Carrots	499	0			0.020		0.30
Cauliflower	692	1	0.1	0.011	0.002		4.0
Collard Greens	514	98	19.1	0.010 - 6.9	0.010		11
Eggplant	661	40	6.1	0.003 - 0.010	0.002 - 0.020		1.4
Green Beans	177	26	14.7	0.005 - 0.11	0.005		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.005		1.4
Radishes	689	14	2	0.020 - 0.077	0.020		0.30
Summer Squash	176	1	0.6	0.006	0.005		0.5
Sweet Bell Peppers	675	10	1.5	0.021 - 0.052	0.020		1.4
Tangerines	687	0			0.005		1.4
Tomato Paste	506	2	0.4	0.005 - 0.006	0.005		1.4
Winter Squash	<u>677</u>	<u>3</u>	0.4	0.006 - 0.007	0.005		0.5
<b>TOTAL</b>	<b>9,600</b>	<b>234</b>					
<b>Chlorbromuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlordimeform (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorethoxyfos (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,722</b>	<b>0</b>					
<b>Chlorfenapyr (insecticide)</b>							
Apple Juice	724	0			0.018		0.01
Bananas	703	0			0.018		0.01
Blueberries, Cultivated, Fresh	168	0			0.015		0.01
Blueberries, Frozen	7	0			0.015		0.01
Broccoli	675	0			0.002		0.01

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	694	0			0.015		0.01
Carrots	499	0			0.020		0.01
Cauliflower	692	0			0.002		0.01
Collard Greens	514	0			0.015		0.01
Eggplant	661	2	0.3	0.004	0.002 - 0.020		2
Green Beans	177	0			0.005 - 0.010		0.01
Kiwi Fruit	177	0			0.040		0.01
Orange Juice	499	0			0.005		0.01
Radishes	689	0			0.005		0.01
Summer Squash	176	0			0.005 - 0.025		0.01
Sweet Bell Peppers	675	65	9.6	0.005 - 0.32	0.005		2
Tangerines	687	0			0.025		0.01
Tomato Paste	506	0			0.005 - 0.025		2
Winter Squash	<u>677</u>	<u>0</u>			0.005 - 0.010		0.01
<b>TOTAL</b>	<b>9,600</b>	<b>67</b>					
<b>Chlorfenvinphos (insecticide)</b>							
Broccoli	675	0			0.002 - 0.005		NT
Cauliflower	692	0			0.002 - 0.005		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,813</b>	<b>0</b>					
<b>Chlorfluazuron (insect growth regulator)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorimuron ethyl (herbicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,722</b>	<b>0</b>					
<b>Chlorobenzilate (acaricide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chloroneb (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorothalonil (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		1.0
Blueberries, Frozen	7	0			0.020		1.0
Cantaloupe	694	0			0.020		5.0
Collard Greens	514	10	1.9	0.025 - 7.7	0.020	V-10	NT
Green Beans	177	29	16.4	0.005 - 0.41	0.005		5
Summer Squash	89	8	9	0.005 - 0.029	0.005		5.0
Sweet Bell Peppers	675	64	9.5	0.005 - 0.20	0.005		6.0
Tomato Paste	290	0			0.005 - 0.010		5
Winter Squash	<u>677</u>	<u>69</u>	10.2	0.005 - 0.49	0.005		5.0
<b>TOTAL</b>	<b>3,291</b>	<b>180</b>					
<b>Chlorotoluron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chloroxuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorpropham (herbicide, growth regulator)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		NT
Blueberries, Frozen	7	0			0.020		NT
Broccoli	675	26	3.9	0.002 - 0.016	0.001	V-26	NT
Cantaloupe	694	0			0.020		NT
Carrots	499	0			0.010		NT
Cauliflower	692	7	1	0.002 - 0.003	0.001	V-7	NT
Collard Greens	514	1	0.2	0.048	0.020	V-1	NT
Eggplant	661	5	0.8	0.002 - 0.020	0.001 - 0.010	V-5	NT
Green Beans	177	4	2.3	0.002 - 0.015	0.001	V-4	NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT
Radishes	689	1	0.1	0.008	0.005	V-1	NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	5	0.7	0.005 - 0.014	0.005	V-5	NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>22</u>	3.2	0.001 - 0.052	0.001	V-22	NT
<b>TOTAL</b>	<b>8,173</b>	<b>71</b>					
<b>Chlorpyrifos (insecticide)</b>							
Apple Juice	724	0			0.010		0.1
Bananas	703	0			0.010		0.1
Blueberries, Cultivated, Fresh	168	1	0.6	0.005	0.005		0.1



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Frozen	7	0			0.005		0.1
Broccoli	675	8	1.2	0.002 - 0.20	0.001		1.0
Cantaloupe	694	1	0.1	0.006	0.005		0.1
Carrots	499	0			0.010		0.1
Cauliflower	692	0			0.001		1.0
Collard Greens	514	2	0.4	0.009 - 0.021	0.005		1.0
Eggplant	661	0			0.001 - 0.010		0.1
Green Beans	177	4	2.3	0.003 - 0.045	0.003		0.1
Kiwi Fruit	177	0			0.010		2.0
Orange Juice	499	0			0.003		1.0
Radishes	689	58	8.4	0.005 - 0.10	0.005		2.0
Summer Squash	176	0			0.003 - 0.015		0.1
Sweet Bell Peppers	675	20	3	0.006 - 0.31	0.005		1.0
Tangerines	687	0			0.015		1.0
Tomato Paste	506	0			0.003 - 0.015		0.1
Winter Squash	<u>677</u>	<u>2</u>	0.3	0.006 - 0.011	0.003		0.1
<b>TOTAL</b>	<b>9,600</b>	<b>96</b>					

**Chlorpyrifos oxygen analog (metabolite of Chlorpyrifos)**

Apple Juice	724	0			0.004		0.1
Bananas	703	0			0.004		0.1
Blueberries, Cultivated, Fresh	168	0			0.004		0.1
Blueberries, Frozen	7	0			0.004		0.1
Broccoli	624	0			0.001 - 0.003		1.0
Cantaloupe	694	0			0.002		0.1
Carrots	499	0			0.005		0.1
Cauliflower	648	0			0.001 - 0.006		1.0
Collard Greens	485	1	0.2	0.002	0.002		1.0
Eggplant	661	0			0.001 - 0.005		0.1
Green Beans	177	0			0.001		0.1
Kiwi Fruit	177	0			0.005		2.0
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.010		2.0
Summer Squash	176	0			0.001 - 0.005		0.1
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.005		1.0
Tomato Paste	506	0			0.001 - 0.005		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.1
<b>TOTAL</b>	<b>9,476</b>	<b>1</b>					

**Chlorpyrifos methyl (insecticide)**

Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

**Chlorpyrifos methyl oxygen analog (insecticide metabolite)**

Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Chlorsulfuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Chlorthiophos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Clethodim (herbicide)</b>							
Apple Juice	724	0			0.006		0.20
Carrots	499	0			0.035		1.0
Cauliflower	692	0			0.002		3.0
Eggplant	661	0			0.002 - 0.035		1.0
Green Beans	177	0			0.010		3.5
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		1.0
Summer Squash	176	0			0.005 - 0.010		0.50
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.20		NT
Tomato Paste	506	0			0.010 - 0.20		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.50
<b>TOTAL</b>	<b>6,662</b>	<b>0</b>					
<b>Clethodim 5-OH sulfone (herbicide metabolite)</b>							
Apple Juice	724	0			0.010		0.20
Carrots	499	0			0.10		1.0
Eggplant	<u>311</u>	<u>0</u>			0.10		1.0
<b>TOTAL</b>	<b>1,534</b>	<b>0</b>					
<b>Clethodim sulfone (herbicide metabolite)</b>							
Apple Juice	724	0			0.015		0.20
Carrots	499	0			0.040		1.0
Eggplant	<u>311</u>	<u>0</u>			0.040		1.0
<b>TOTAL</b>	<b>1,534</b>	<b>0</b>					
<b>Clethodim sulfoxide (herbicide metabolite)</b>							
Apple Juice	724	0			0.015		0.20
Carrots	499	0			0.040		1.0
Eggplant	<u>311</u>	<u>0</u>			0.040		1.0
<b>TOTAL</b>	<b>1,534</b>	<b>0</b>					
<b>Clodinafop propargyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Clofentezine (insecticide)</b>							
Apple Juice	724	0			0.005		0.50
Carrots	499	0			0.080		NT
Eggplant	311	0			0.040 - 0.080		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>3,443</b>	<b>0</b>					
<b>Clomazone (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.002		0.10
Cantaloupe	694	0			0.005		0.05
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.002		0.10
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.002 - 0.020		NT
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.070		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		0.1
Sweet Bell Peppers	675	0			0.005		0.05
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.1
<b>TOTAL</b>	<b>8,173</b>	<b>0</b>					
<b>Cloquintocet-mexyl (herbicide safener)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Cloransulam methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Clothianidin (insecticide) (also a metabolite of Thiamethoxam)</b>							
Apple Juice	724	0			0.020		1.0
Bananas	703	0			0.020		0.03
Blueberries, Cultivated, Fresh	168	1	0.6	0.016	0.010		0.30
Blueberries, Frozen	7	0			0.010		0.30
Broccoli	675	31	4.6	0.005 - 0.037	0.005		4.5
Cantaloupe	694	9	1.3	0.010 - 0.028	0.010		0.2
Carrots	499	0			0.035		0.8
Cauliflower	692	16	2.3	0.003 - 0.056	0.002		4.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	514	80	15.6	0.010 - 0.28	0.010		3.0
Eggplant	661	62	9.4	0.003 - 0.087	0.002 - 0.035		0.25
Green Beans	177	0			0.001		0.02
Kiwi Fruit	177	0			0.035		0.02
Orange Juice	499	1	0.2	0.002	0.001		0.40
Radishes	689	0			0.010		0.8
Summer Squash	176	12	6.8	0.001 - 0.005	0.001 - 0.025		0.2
Sweet Bell Peppers	675	134	19.9	0.010 - 0.25	0.010		0.80
Tangerines	687	0			0.025		0.40
Tomato Paste	506	125	24.7	0.001 - 0.013	0.001 - 0.025		0.80
Winter Squash	<u>677</u>	<u>13</u>	1.9	0.001 - 0.012	0.001		0.2
<b>TOTAL</b>	<b>9,600</b>	<b>484</b>					
<b>Coumaphos (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.002 - 0.005		NT
Cantaloupe	694	0			0.010		NT
Cauliflower	692	0			0.002 - 0.005		NT
Collard Greens	514	0			0.010		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,196</b>	<b>0</b>					
<b>Coumaphos oxygen analog (metabolite of Coumaphos)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.010		NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.010		NT
Eggplant	350	0			0.003		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,832</b>	<b>0</b>					
<b>Crotoxyphos (insecticide, acaricide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Crufomate (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Cumyluron (herbicide)</b>							
Radishes	689	0			0.010		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,364</b>	<b>0</b>					
<b>Cyanazine (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Cyantraniliprole (insecticide)</b>							
Apple Juice	724	0			0.012		1.5
Broccoli	675	10	1.5	0.008 - 0.25	0.008		3.0
Carrots	499	0			0.15		0.40
Cauliflower	692	3	0.4	0.004	0.002		3.0
Eggplant	661	13	2	0.004 - 0.014	0.002 - 0.15		2.0
Green Beans	177	7	4	0.003 - 0.15	0.003		2.0
Kiwi Fruit	177	0			0.15		NT
Orange Juice	499	0			0.003		0.70
Summer Squash	176	0			0.003 - 0.005		0.70
Tangerines	687	0			0.005		0.70
Tomato Paste	506	0			0.003 - 0.005		2.0
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.70
<b>TOTAL</b>	<b>6,150</b>	<b>33</b>					
<b>Cyazofamid (fungicide)</b>							
Broccoli	675	1	0.1	0.010	0.006		1.5
Carrots	499	3	0.6	0.023 - 0.025	0.020		0.09
Cauliflower	692	0			0.006		1.5
Eggplant	661	0			0.006 - 0.020		0.9
Green Beans	177	1	0.6	0.10	0.010		0.5
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.010		NT
Summer Squash	176	0			0.010		0.10
Tangerines	687	0			0.010		NT
Tomato Paste	480	0			0.010		0.9
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.10
<b>TOTAL</b>	<b>5,400</b>	<b>5</b>					
<b>Cyclaniliprole (insecticide)</b>							
Apple Juice	724	0			0.008		0.30
Carrots	499	0			0.010		EX1
Eggplant	311	0			0.010		0.20
Summer Squash	87	0			0.010		0.15
Tangerines	687	0			0.010		0.4
Tomato Paste	<u>216</u>	<u>0</u>			0.010		0.20
<b>TOTAL</b>	<b>2,524</b>	<b>0</b>					
<b>Cyflufenamid (fungicide)</b>							
Apple Juice	724	0			0.003		0.06
Carrots	499	0			0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	311	0			0.005		0.20
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	5	2.8	0.003 - 0.025	0.001 - 0.005		0.10
Sweet Bell Peppers	675	0			0.010		0.20
Tangerines	687	0			0.005		NT
Tomato Paste	506	1	0.2	0.001	0.001 - 0.005		0.20
Winter Squash	<u>677</u>	<u>72</u>	10.6	0.001 - 0.056	0.001		0.10
<b>TOTAL</b>	<b>5,797</b>	<b>78</b>					
<b>Cyflumetofen (acaricide)</b>							
Apple Juice	724	0			0.003		0.30
Carrots	499	0			0.015		NT
Eggplant	311	1	0.3	0.015	0.015		2
Green Beans	177	0			0.003 - 0.005		NT
Kiwi Fruit	177	0			0.010 - 0.050		NT
Orange Juice	499	0			0.003		0.30
Summer Squash	176	0			0.003 - 0.020		NT
Tangerines	687	0			0.10		0.30
Tomato Paste	506	0			0.003 - 0.10		0.7
Winter Squash	<u>677</u>	<u>0</u>			0.003 - 0.005		NT
<b>TOTAL</b>	<b>4,433</b>	<b>1</b>					
<b>Cyfluthrin (insecticide)</b>							
Apple Juice	724	0			0.015		0.5
Bananas	703	0			0.015		0.05
Blueberries, Cultivated, Fresh	168	0			0.004		0.05
Blueberries, Frozen	7	0			0.004		0.05
Broccoli	675	4	0.6	0.012	0.008		2.5
Cantaloupe	694	0			0.004		0.1
Carrots	499	0			0.025		0.20
Cauliflower	692	0			0.008		2.5
Collard Greens	514	110	21.4	0.004 - 1.9	0.004		7.0
Eggplant	661	2	0.3	0.031 - 0.035	0.025 - 0.50		0.5
Green Beans	177	0			0.003		0.05
Kiwi Fruit	177	0			0.045		0.05
Orange Juice	499	0			0.003		0.2
Radishes	689	2	0.3	0.007	0.005		1.0
Summer Squash	176	0			0.003 - 0.050		0.1
Sweet Bell Peppers	675	25	3.7	0.005 - 0.098	0.005		0.50
Tangerines	687	0			0.050		0.2
Tomato Paste	506	0			0.003 - 0.050		0.5
Winter Squash	<u>677</u>	<u>6</u>	0.9	0.003 - 0.005	0.003		0.1
<b>TOTAL</b>	<b>9,600</b>	<b>149</b>					
<b>Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (insecticide)</b>							
Apple Juice	724	0			0.006		0.30
Bananas	703	0			0.006		0.01
Blueberries, Cultivated, Fresh	168	1	0.6	0.027	0.005	X-1	0.01
Blueberries, Frozen	7	0			0.005		0.01
Broccoli	675	30	4.4	0.005 - 0.078	0.003		0.4
Cantaloupe	694	0			0.005		0.05
Carrots	499	0			0.015		0.01
Cauliflower	692	0			0.003		0.4
Collard Greens	514	18	3.5	0.005 - 0.52	0.005	X-12	0.01

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	661	6	0.9	0.005 - 0.024	0.003 - 0.015		0.20
Green Beans	177	25	14.1	0.003 - 0.033	0.003		0.20
Kiwi Fruit	177	0			0.015		0.01
Orange Juice	499	0			0.003		0.01
Radishes	689	2	0.3	0.009 - 0.014	0.008		0.01
Summer Squash	176	2	1.1	0.003 - 0.007	0.003 - 0.005		0.05
Sweet Bell Peppers	675	33	4.9	0.008 - 0.97	0.008	X-1	0.20
Tangerines	687	0			0.005		0.01
Tomato Paste	506	76	15	0.003 - 0.009	0.003 - 0.005		0.1
Winter Squash	<u>677</u>	<u>19</u>	2.8	0.003 - 0.014	0.003		0.05
<b>TOTAL</b>	<b>9,600</b>	<b>212</b>					
<b>Cymoxanil (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Cantaloupe	694	0			0.005		0.05
Carrots	499	0			0.020		NT
Cauliflower	650	0			0.010		NT
Collard Greens	514	1	0.2	0.006	0.005	V-1	NT
Eggplant	661	0			0.010 - 0.020		0.2
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.010 - 0.050		0.05
Sweet Bell Peppers	675	0			0.010		0.2
Tangerines	687	0			0.10		NT
Tomato Paste	506	0			0.010 - 0.10		0.2
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.05
<b>TOTAL</b>	<b>7,456</b>	<b>1</b>					
<b>Cypermethrin (insecticide)</b>							
Apple Juice	724	0			0.050		2
Bananas	703	0			0.050		0.05
Blueberries, Cultivated, Fresh	168	19	11.3	0.015 - 0.30	0.010		0.8
Blueberries, Frozen	7	3	42.9	0.027 - 0.15	0.010		0.8
Broccoli	675	9	1.3	0.037 - 1.5	0.022		2.0
Cantaloupe	694	0			0.010		0.2
Carrots	499	0			0.035		0.1
Cauliflower	692	0			0.022		2.0
Collard Greens	514	100	19.5	0.010 - 4.4	0.010		14.0
Eggplant	661	3	0.5	0.045 - 0.053	0.022 - 0.075		0.2
Green Beans	177	21	11.9	0.008 - 0.17	0.005		0.5
Kiwi Fruit	177	0			0.070		0.05
Orange Juice	499	0			0.005		0.35
Radishes	689	7	1	0.012 - 0.020	0.010		0.1
Summer Squash	176	3	1.7	0.006 - 0.008	0.005 - 0.050		0.2
Sweet Bell Peppers	675	61	9	0.010 - 0.27	0.010		0.2
Tangerines	687	0			0.050		0.35
Tomato Paste	506	0			0.005 - 0.050		0.2
Winter Squash	<u>677</u>	<u>11</u>	1.6	0.005 - 0.022	0.005		0.2
<b>TOTAL</b>	<b>9,600</b>	<b>237</b>					
<b>Cyphenothrin (insecticide)</b>							
Apple Juice	724	0			0.035		NT
Bananas	703	0			0.035		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Cultivated, Fresh	168	1	0.6	0.059	0.015	V-1	NT
Blueberries, Frozen	7	0			0.015		NT
Cantaloupe	694	0			0.015		NT
Carrots	499	0			0.060		NT
Collard Greens	514	0			0.015		NT
Eggplant	311	0			0.060		NT
Green Beans	177	0			0.015 - 0.020		NT
Kiwi Fruit	177	0			0.060		NT
Orange Juice	499	0			0.020		NT
Radishes	689	0			0.008		NT
Summer Squash	155	0			0.015 - 0.050		NT
Sweet Bell Peppers	675	0			0.008		NT
Tangerines	687	0			0.050		NT
Tomato Paste	472	0			0.020 - 0.050		NT
Winter Squash	<u>642</u>	<u>0</u>			0.015 - 0.020		NT
<b>TOTAL</b>	<b>7,793</b>	<b>1</b>					
<b>Cyprazine (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Cyproconazole (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.005		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,102</b>	<b>0</b>					
<b>Cyprodinil (fungicide)</b>							
Apple Juice	724	5	0.7	0.003	0.002		1.7
Blueberries, Cultivated, Fresh	168	52	31	0.005 - 0.45	0.005		5.0
Blueberries, Frozen	7	4	57.1	0.011 - 0.11	0.005		5.0
Broccoli	675	15	2.2	0.002 - 0.062	0.001		1.0
Cantaloupe	694	12	1.7	0.005 - 0.014	0.005		0.70
Carrots	499	2	0.4	0.019 - 0.039	0.015		0.75
Cauliflower	692	1	0.1	0.008	0.001		1.0
Collard Greens	514	7	1.4	0.008 - 0.41	0.005		10.0
Green Beans	177	0			0.003		0.6
Kiwi Fruit	177	22	12.4	0.038 - 0.87	0.015		1.8
Orange Juice	499	0			0.003		NT
Radishes	689	1	0.1	0.007	0.005		0.75
Summer Squash	176	2	1.1	0.003 - 0.009	0.003 - 0.005		0.70
Sweet Bell Peppers	675	13	1.9	0.005 - 0.043	0.005		1.5
Tangerines	687	0			0.005		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	3	0.6	0.005 - 0.006	0.003 - 0.005		1.5
Winter Squash	<u>677</u>	<u>13</u>	1.9	0.004 - 0.020	0.003		0.70
<b>TOTAL</b>	<b>8,236</b>	<b>152</b>					
<b>Cyprosulfamide (herbicide safener)</b>							
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.005		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,210</b>	<b>0</b>					
<b>Cyromazine (insect growth regulator)</b>							
Carrots	499	0			0.10		NT
Eggplant	311	0			0.10		3
Green Beans	177	0			0.005		2.0
Kiwi Fruit	177	0			0.10		NT
Orange Juice	499	0			0.005		NT
Radishes	629	0			0.020		0.5
Summer Squash	176	1	0.6	0.009	0.005 - 0.050		1.0
Tomato Paste	290	0			0.005		1
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.037	0.005		1.0
<b>TOTAL</b>	<b>3,435</b>	<b>2</b>					
<b>Daimuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>DCPA (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	175	25.9	0.002 - 0.28	0.001		5.0
Cantaloupe	694	29	4.2	0.002 - 0.019	0.002		1.0
Carrots	499	0			0.020		NT
Cauliflower	692	26	3.8	0.002 - 0.005	0.001		5.0
Collard Greens	514	168	32.7	0.002 - 0.16	0.002		5.0
Eggplant	661	0			0.001 - 0.020		1.0
Green Beans	177	1	0.6	0.002	0.001		2.0
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT
Radishes	689	146	21.2	0.005 - 0.24	0.005		2.0
Summer Squash	176	1	0.6	0.007	0.001 - 0.005		1.0
Sweet Bell Peppers	675	0			0.005		2.0
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		1.0
Winter Squash	<u>677</u>	<u>4</u>	0.6	0.005 - 0.039	0.001		1.0
<b>TOTAL</b>	<b>8,173</b>	<b>550</b>					
<b>DEF - Tribufos (herbicide, plant growth regulator)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Deltamethrin (includes parent Tralomethrin) (insecticide)</b>							
Apple Juice	724	0			0.020		0.2
Bananas	703	0			0.020		0.05
Blueberries, Cultivated, Fresh	168	0			0.015		0.05
Blueberries, Frozen	7	0			0.015		0.05
Broccoli	675	0			0.012		0.05
Cantaloupe	694	0			0.015		0.2
Carrots	499	0			0.070		0.2
Cauliflower	692	0			0.012		0.05
Collard Greens	514	0			0.015		0.05
Eggplant	661	0			0.004 - 0.070		0.3
Green Beans	177	1	0.6	0.005	0.001		0.05
Kiwi Fruit	177	0			0.12		0.05
Orange Juice	499	0			0.001		0.30
Radishes	689	0			0.008		0.2
Summer Squash	176	0			0.001 - 0.050		0.2
Sweet Bell Peppers	675	12	1.8	0.008 - 0.070	0.008		0.3
Tangerines	687	0			0.050		0.05
Tomato Paste	506	0			0.001 - 0.050		1.0
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.002 - 0.005	0.001		0.2
<b>TOTAL</b>	<b>9,600</b>	<b>18</b>					
<b>Demeton-O (metabolite of the insecticide Demeton)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Demeton-S (metabolite of Demeton)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Demeton-S methyl (insecticide metabolite)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Demeton-S sulfone (metabolite of Demeton-S)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Demeton-S sulfoxide (metabolite of Demeton-S)</b>							
Green Beans	177	0			0.001		NT
Summer Squash	89	0			0.001		NT
Winter Squash	<u>62</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>328</b>	<b>0</b>					
<b>Desethyl atrazine (herbicide metabolite)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Desmedipham (herbicide)</b>							
Carrots	499	0			0.060		NT
Eggplant	311	0			0.060		NT
Kiwi Fruit	177	0			0.060		NT
Summer Squash	87	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	<u>206</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,967</b>	<b>0</b>					
<b>Desmetryn (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dialifos (insecticide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Diazinon (insecticide)</b>							
Apple Juice	724	0			0.001		0.50
Bananas	703	0			0.001		0.20
Blueberries, Cultivated, Fresh	168	0			0.005		0.50
Blueberries, Frozen	7	0			0.005		0.50
Broccoli	675	1	0.1	0.011	0.001		0.70
Cantaloupe	694	0			0.005		0.75
Carrots	499	0			0.010		0.75
Cauliflower	692	0			0.001		0.70
Collard Greens	514	1	0.2	2.1	0.005	X-1	0.70
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		0.50
Kiwi Fruit	177	0			0.010		0.75
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.002		0.50
Summer Squash	176	0			0.001 - 0.005		0.50
Sweet Bell Peppers	675	3	0.4	0.002 - 0.010	0.002		0.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		0.75
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.75
<b>TOTAL</b>	<b>9,600</b>	<b>5</b>					
<b>Diazinon oxygen analog (metabolite of Diazinon)</b>							
Apple Juice	724	0			0.003		0.50
Bananas	703	0			0.003		0.20
Broccoli	675	0			0.001		0.70
Carrots	499	0			0.010		0.75
Cauliflower	692	0			0.001		0.70
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		0.50
Kiwi Fruit	177	0			0.010		0.75
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.001		0.50
Summer Squash	89	0			0.001		0.50
Sweet Bell Peppers	675	0			0.001		0.5
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		0.75
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.75
<b>TOTAL</b>	<b>8,130</b>	<b>0</b>					
<b>Dichlobenil (herbicide)</b>							
Apple Juice	724	0			0.001		0.5
Blueberries, Cultivated, Fresh	168	0			0.010		0.15
Blueberries, Frozen	7	0			0.010		0.15
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.002		NT
Tomato Paste	506	0			0.001 - 0.002		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>					
<b>Dichlofenthion (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dichlormid (herbicide safener)</b>							
Carrots	499	0			0.040		0.05
Eggplant	311	0			0.040		0.05
Green Beans	177	0			0.020		0.05
Kiwi Fruit	177	0			0.040		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	499	0			0.020		NT
Summer Squash	176	0			0.005 - 0.020		0.05
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005 - 0.020		0.05
Winter Squash	<u>677</u>	<u>0</u>			0.020		0.05
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Dichlorobenzophenone o,p' (insecticide) (also a breakdown product of Dicofol)</b>							
Green Beans	177	0			0.001		NT
Summer Squash	55	0			0.001		NT
Winter Squash	62	0			0.001		NT
Green Beans	177	0			0.001		NT
Summer Squash	55	0			0.001		NT
Winter Squash	<u>62</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>588</b>	<b>0</b>					
<b>Dichlorvos - DDVP (insecticide) (also a metabolite of Naled)</b>							
Apple Juice	724	0			0.050		0.5
Bananas	703	0			0.050		0.5
Blueberries, Cultivated, Fresh	168	0			0.020		0.5
Blueberries, Frozen	7	0			0.020		0.5
Broccoli	675	0			0.003		1
Cantaloupe	694	0			0.020		0.5
Carrots	499	0			0.010		0.5
Cauliflower	692	0			0.010		1
Collard Greens	514	0			0.020		3
Eggplant	661	0			0.003 - 0.010		0.5
Green Beans	177	0			0.020 - 0.040		0.5
Kiwi Fruit	177	0			0.010		0.5
Orange Juice	499	0			0.020		3
Radishes	689	0			0.010		0.5
Summer Squash	176	0			0.005 - 0.040		0.5
Sweet Bell Peppers	675	2	0.3	0.018 - 0.043	0.010		0.5
Tangerines	687	0			0.005		3
Tomato Paste	506	0			0.005 - 0.020		0.5
Winter Squash	<u>677</u>	<u>0</u>			0.020 - 0.040		0.5
<b>TOTAL</b>	<b>9,600</b>	<b>2</b>					
<b>Diclobutrazol (fungicide)</b>							
Green Beans	177	0			0.001 - 0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Diclofop methyl (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Cantaloupe	694	0			0.001		NT
Collard Greens	514	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,115</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Dicloran (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.016		NT
Blueberries, Frozen	7	0			0.016		NT
Broccoli	675	2	0.3	0.004		V-2	NT
Cantaloupe	694	0			0.016		NT
Carrots	499	0			0.020		10
Cauliflower	692	0			0.002		NT
Collard Greens	514	0			0.016		NT
Eggplant	661	0			0.002 - 0.020		NT
Green Beans	177	14	7.9	0.002 - 6.0	0.001		20
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.010		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		5
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,173</b>	<b>16</b>					
<b>Diclosulam (herbicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dicofol (insecticide)</b>							
Apple Juice	<u>724</u>	<u>0</u>			0.007		10.0
<b>TOTAL</b>	<b>724</b>	<b>0</b>					
<b>Dicofol o,p' (isomer of Dicofol)</b>							
Carrots	499	0			0.015		NT
Eggplant	311	0			0.015		2.0
Kiwi Fruit	<u>177</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Dicofol p,p' (isomer of Dicofol)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.010		2.0
Carrots	499	0			0.025		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.001 - 0.025		2.0
Kiwi Fruit	177	0			0.025		NT
Summer Squash	87	0			0.005		2.0
Tangerines	687	0			0.005		6.0
Tomato Paste	<u>216</u>	<u>0</u>			0.005		2.0
<b>TOTAL</b>	<b>5,077</b>	<b>0</b>					
<b>Dicrotophos (insecticide)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>Diethofencarb (fungicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Difenoconazole (fungicide)</b>							
Apple Juice	724	1	0.1	0.002	0.001		5.0
Bananas	703	2	0.3	0.002	0.001		0.2
Blueberries, Cultivated, Fresh	168	16	9.5	0.013 - 0.42	0.010		4.0
Blueberries, Frozen	7	0			0.010		4.0
Broccoli	675	8	1.2	0.004 - 0.18	0.003		2.0
Cantaloupe	694	0			0.010		0.70
Carrots	499	6	1.2	0.005 - 0.065	0.005		0.6
Cauliflower	692	0			0.001		2.0
Collard Greens	514	12	2.3	0.014 - 0.98	0.010		35
Eggplant	661	43	6.5	0.002 - 0.046	0.001 - 0.005		0.60
Green Beans	177	3	1.7	0.002 - 0.004	0.001	V-3	NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.60
Radishes	689	0			0.005		0.6
Summer Squash	176	0			0.001 - 0.002		0.70
Sweet Bell Peppers	675	120	17.8	0.005 - 0.49	0.005		0.60
Tangerines	687	0			0.002		0.60
Tomato Paste	506	309	61.1	0.001 - 0.020	0.001 - 0.002		0.60
Winter Squash	<u>677</u>	<u>21</u>	3.1	0.001 - 0.015	0.001		0.70
<b>TOTAL</b>	<b>9,600</b>	<b>541</b>					
<b>Diflubenzuron (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	602	0			0.003 - 0.006		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.080		0.20
Cauliflower	575	0			0.001 - 0.006		NT
Collard Greens	514	0			0.002		9.0
Eggplant	661	1	0.2	0.004	0.001 - 0.080		1.0
Green Beans	177	2	1.1	0.001 - 0.032	0.001	V-2	NT
Kiwi Fruit	177	0			0.080		NT
Orange Juice	499	131	26.3	0.001 - 0.004	0.001		3.0
Summer Squash	176	0			0.001 - 0.020		NT
Tangerines	687	0			0.020		3.0
Tomato Paste	506	0			0.001 - 0.020		NT
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.002	0.001	V-1	NT
<b>TOTAL</b>	<b>6,619</b>	<b>135</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Dimepiperate (herbicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dimethenamid (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		0.01
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.01
<b>TOTAL</b>	<b>8,173</b>	<b>0</b>					
<b>Dimethipin (plant growth regulator)</b>							
Green Beans	177	0			0.010 - 0.020		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010 - 0.020		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010 - 0.020		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dimethoate (insecticide) (parent of Omethoate)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		1.0
Blueberries, Frozen	7	0			0.005		1.0
Broccoli	675	5	0.7	0.003 - 0.14	0.003		2.0
Cantaloupe	694	0			0.005		1.0
Carrots	499	0			0.010		NT
Cauliflower	692	1	0.1	0.012	0.001		2.0
Collard Greens	514	1	0.2	0.009	0.005	V-1	NT
Eggplant	661	1	0.2	0.002	0.001 - 0.010	V-1	NT
Green Beans	177	4	2.3	0.002 - 0.11	0.001		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	2	0.4	0.001 - 0.002	0.001		2.0
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	8	1.2	0.011 - 0.17	0.010		2.0
Tangerines	687	4	0.6	0.005 - 0.012	0.005		2.0
Tomato Paste	506	0			0.001 - 0.005		2.0
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,173</b>	<b>26</b>					



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Dimethomorph (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.003		NT
Blueberries, Frozen	7	0			0.003		NT
Broccoli	675	18	2.7	0.001 - 0.41	0.001 - 0.003		6.0
Cantaloupe	694	0			0.003		0.5
Carrots	499	0			0.010		NT
Cauliflower	692	1	0.1	0.002	0.001		6.0
Collard Greens	514	54	10.5	0.003 - 2.4	0.003		30.0
Eggplant	661	5	0.8	0.002 - 0.056	0.001 - 0.010		1.5
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.020		0.5
Sweet Bell Peppers	675	8	1.2	0.011 - 0.033	0.010		1.5
Tangerines	687	0			0.020		NT
Tomato Paste	506	1	0.2	0.003	0.003 - 0.020		1.5
Winter Squash	<u>677</u>	<u>6</u>	0.9	0.003 - 0.008	0.003		0.5
<b>TOTAL</b>	<b>8,173</b>	<b>93</b>					
<b>Dimethylvinphos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dimetilan (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dimoxystrobin (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Diniconazole (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dinotefuran (insecticide)</b>							
Apple Juice	724	0			0.030		2.0
Bananas	703	0			0.030		0.01
Blueberries, Cultivated, Fresh	168	0			0.003		0.2
Blueberries, Frozen	7	0			0.003		0.2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	2	0.3	0.042 - 0.058	0.006 - 0.040		1.4
Cantaloupe	694	234	33.7	0.003 - 0.13	0.003		0.5
Carrots	499	0			0.015		0.01
Cauliflower	664	1	0.2	0.053	0.006		1.4
Collard Greens	514	8	1.6	0.006 - 0.017	0.003		15.0
Eggplant	661	74	11.2	0.010 - 0.12	0.006 - 0.015		0.7
Green Beans	177	13	7.3	0.003 - 0.031	0.003	X-3	0.01
Kiwi Fruit	177	0			0.015		0.9
Orange Juice	499	0			0.003		0.01
Radishes	689	0			0.010		0.01
Summer Squash	176	17	9.7	0.003 - 0.30	0.003 - 0.040		0.5
Sweet Bell Peppers	675	51	7.6	0.010 - 0.44	0.010		0.7
Tangerines	687	0			0.040		0.01
Tomato Paste	506	20	4	0.003 - 0.009	0.003 - 0.040		1.0
Winter Squash	<u>677</u>	<u>28</u>	4.1	0.003 - 0.042	0.003		0.5
<b>TOTAL</b>	<b>9,572</b>	<b>448</b>					
<b>Dioxacarb (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dioxathion (insecticide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Diphenamid (herbicide)</b>							
Broccoli	675	0			0.002		NT
Cauliflower	692	0			0.002		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,813</b>	<b>0</b>					
<b>Diphenylamine - DPA (plant growth regulator)</b>							
Apple Juice	724	50	6.9	0.010 - 0.077	0.006		10.0
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.003 - 0.020		NT
Green Beans	177	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	177	0			0.065		NT
Orange Juice	499	1	0.2	0.002	0.001	V-1	NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	256	3	1.2	0.001 - 0.002	0.001	V-3	NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,873</b>	<b>54</b>					
<b>Dipropetryn (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Disulfoton (insecticide)</b>							
Carrots	499	0			0.050		NT
Eggplant	311	0			0.050		NT
Green Beans	177	0			0.001		0.75
Kiwi Fruit	177	0			0.050		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Disulfoton oxygen analog (metabolite of Disulfoton)</b>							
Blueberries, Cultivated, Fresh	136	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	0			0.001		0.75
Cantaloupe	669	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		0.75
Collard Greens	514	0			0.001		NT
Eggplant	648	0			0.001 - 0.005		NT
Kiwi Fruit	177	0			0.005		NT
Summer Squash	87	0			0.001		NT
Tangerines	687	0			0.001		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,007</b>	<b>0</b>					
<b>Disulfoton sulfone (metabolite of Disulfoton)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		NT
Blueberries, Frozen	7	0			0.020		NT
Broccoli	675	0			0.001		0.75
Cantaloupe	693	0			0.020		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		0.75
Collard Greens	514	0			0.020		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		0.75
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,182</b>	<b>0</b>					
<b>Disulfoton sulfone oxygen analog (metabolite of Disulfoton)</b>							
Broccoli	512	0			0.001		0.75
Carrots	499	0			0.010		NT
Cauliflower	533	0			0.001		0.75
Eggplant	612	0			0.001 - 0.010		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>2,333</b>	<b>0</b>					
<b>Disulfoton sulfoxide (metabolite of Disulfoton)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.001		0.75
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		0.75
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		0.75
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tangerines	687	0			0.002		NT
Tomato Paste	506	0			0.001 - 0.002		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,722</b>	<b>0</b>					
<b>Disulfoton sulfoxide oxygen analog (metabolite of Disulfoton)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Ditalimfos (fungicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dithiopyr (herbicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003 - 0.005		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003 - 0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003 - 0.005		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Diuron (herbicide)</b>							
Apple Juice	724	0			0.006		0.1
Bananas	703	0			0.006		0.1
Blueberries, Cultivated, Fresh	168	1	0.6	0.004	0.002		0.1
Blueberries, Frozen	7	0			0.002		0.1
Broccoli	675	0			0.004		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.004		NT
Collard Greens	482	2	0.4	0.002 - 0.004	0.002	V-2	NT
Eggplant	661	0			0.004 - 0.015		NT
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.010		0.05
Summer Squash	176	0			0.010		NT
Tangerines	687	0			0.010		0.05
Tomato Paste	506	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>8,204</b>	<b>3</b>					
<b>DMST (4-dimethylaminosulphotosluidide) (metabolite of Tolyfluand)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Dodine (fungicide)</b>							
Apple Juice	724	0			0.005		5.0
Bananas	703	0			0.005		0.50
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>3,159</b>	<b>0</b>					
<b>Edifenphos (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Emamectin (insecticide)</b>							
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		0.02
Tomato Paste	290	0			0.010		0.150
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.02
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Emamectin benzoate <sup>1</sup> (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	1	0.1	0.002	0.001 - 0.003		0.05
Cantaloupe	694	0			0.010		0.02
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001 - 0.003		0.05
Collard Greens	514	1	0.2	0.039	0.010		0.2
Eggplant	661	0			0.001 - 0.005		0.02
Radishes	689	0			0.010		NT
Sweet Bell Peppers	675	0			0.010		0.02
<b>TOTAL</b>	<b>5,274</b>	<b>2</b>					
<b>Endosulfan I (insecticide)</b>							
Apple Juice	724	0			0.004		1.0
Blueberries, Cultivated, Fresh	168	0			0.010		0.3
Blueberries, Frozen	7	0			0.010		0.3
Broccoli	675	0			0.005		3.0
Cantaloupe	694	0			0.010		1.0
Carrots	499	0			0.030		0.2
Cauliflower	692	0			0.005		2.0
Collard Greens	514	0			0.010		2.0
Eggplant	661	0			0.005 - 0.030		1.0
Green Beans	177	0			0.001		2.0
Kiwi Fruit	177	0			0.030		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.010		1.0
Sweet Bell Peppers	675	0			0.005		2.0
Tangerines	687	0			0.010		NT
Tomato Paste	494	0			0.001 - 0.010		1.0
Winter Squash	677	0			0.001		1.0
<b>TOTAL</b>	<b>8,885</b>	<b>0</b>					
<b>Endosulfan II (isomer of Endosulfan)</b>							
Apple Juice	724	0			0.015		1.0
Blueberries, Cultivated, Fresh	168	0			0.015		0.3
Blueberries, Frozen	7	0			0.015		0.3
Broccoli	675	0			0.001		3.0
Cantaloupe	694	0			0.015		1.0
Carrots	499	0			0.030		0.2
Cauliflower	692	0			0.001		2.0
Collard Greens	514	0			0.015		2.0
Eggplant	661	0			0.001 - 0.030		1.0
Green Beans	177	0			0.001		2.0
Kiwi Fruit	177	0			0.085		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		1.0
Sweet Bell Peppers	675	0			0.005		2.0
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		1.0
Winter Squash	677	0			0.001		1.0
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>					
<b>Endosulfan sulfate (metabolite of Endosulfan)</b>							
Apple Juice	724	0			0.004		1.0
Blueberries, Cultivated, Fresh	168	0			0.005		0.3
Blueberries, Frozen	7	0			0.005		0.3
Broccoli	675	0			0.018		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	694	0			0.005		1.0
Carrots	499	0			0.030		0.2
Cauliflower	664	0			0.018 - 0.070		2.0
Collard Greens	514	0			0.005		2.0
Eggplant	661	0			0.018 - 0.035		1.0
Green Beans	177	1	0.6	0.001	0.001		2.0
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	1	0.6	0.002	0.001 - 0.015		1.0
Sweet Bell Peppers	675	0			0.005		2.0
Tangerines	687	0			0.015		NT
Tomato Paste	506	0			0.001 - 0.015		1.0
Winter Squash	<u>677</u>	<u>3</u>	0.4	0.001 - 0.017	0.001		1.0
<b>TOTAL</b>	<b>8,869</b>	<b>5</b>					
<b>EPN (insecticide)</b>							
Bananas	703	0			0.020		NT
Carrots	499	0			0.040		NT
Eggplant	311	0			0.040		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,422</b>	<b>0</b>					
<b>Epoxiconazole (fungicide)</b>							
Bananas	703	19	2.7	0.002 - 0.005	0.001		0.5
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.002 - 0.016	0.001	V-5	NT
<b>TOTAL</b>	<b>2,435</b>	<b>24</b>					
<b>EPTC (herbicide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	8	1.6	0.13 - 0.36	0.035	X-5	0.1
Cauliflower	692	0			0.001 - 0.003		NT
Eggplant	661	0			0.001 - 0.035		NT
Green Beans	177	1	0.6	0.008	0.003		0.08
Kiwi Fruit	177	0			0.035		NT
Radishes	689	0			0.010		0.1
Summer Squash	176	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		0.1
Tomato Paste	216	0			0.005		0.08
Winter Squash	<u>62</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,386</b>	<b>9</b>					
<b>Esfenvalerate+Fenvalerate Total (insecticide)</b>							
Apple Juice	724	0			0.020		1.0
Bananas	703	0			0.020		0.05
Blueberries, Cultivated, Fresh	168	0			0.005		1.0
Blueberries, Frozen	7	1	14.3	0.030	0.005		1.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	5	0.7	0.004 - 0.023	0.002		1.0
Cantaloupe	694	0			0.005		0.5
Cauliflower	692	0			0.002		0.5
Collard Greens	514	3	0.6	0.033 - 0.28	0.005		3.0
Eggplant	350	2	0.6	0.008 - 0.009	0.008 - 0.015		0.5
Radishes	689	11	1.6	0.006 - 0.019	0.005		0.3
Summer Squash	87	0			0.050		0.5
Sweet Bell Peppers	675	16	2.4	0.006 - 0.044	0.005		0.5
Tangerines	687	0			0.050		0.05
Tomato Paste	<u>216</u>	<u>0</u>			0.050		0.5
<b>TOTAL</b>	<b>6,881</b>	<b>38</b>					
<b>Esfenvalerate (isomer of Fenvalerate)</b>							
Carrots	499	0			0.020		0.5
Eggplant	311	0			0.020		0.5
Green Beans	177	0			0.005		1.0
Kiwi Fruit	177	5	2.8	0.042 - 0.22	0.035		0.5
Orange Juice	499	0			0.005		0.05
Summer Squash	89	0			0.005		0.5
Tomato Paste	290	16	5.5	0.005 - 0.010	0.005		0.5
Winter Squash	<u>677</u>	<u>0</u>			0.005		0.5
<b>TOTAL</b>	<b>2,719</b>	<b>21</b>					
<b>Esprocarb (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethaboxam (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		0.90
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	1	0.6	0.011	0.001 - 0.005		0.30
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.002 - 0.079	0.001		0.30
<b>TOTAL</b>	<b>2,629</b>	<b>6</b>					
<b>Ethalfuralin (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.002		NT
Cantaloupe	694	0			0.005		0.05
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.001 - 0.003		0.05
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001 - 0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.05
<b>TOTAL</b>	<b>6,809</b>	<b>0</b>					



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Ethametsulfuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethidimuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethiofencarb (insecticide)</b>							
Broccoli	675	0			0.002		NT
Cauliflower	692	0			0.002		NT
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,463</b>	<b>0</b>					
<b>Ethiofencarb sulfone (metabolite of Ethiofencarb)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethiofencarb sulfoxide (metabolite of Ethiofencarb)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethion (insecticide)</b>							
Broccoli	675	0			0.003		NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.003		NT
Eggplant	661	0			0.001 - 0.015		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Ethion mono oxon (metabolite of Ethion)</b>							
Broccoli	512	0			0.001 - 0.003		NT
Cauliflower	533	0			0.001 - 0.006		NT
Eggplant	<u>301</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,346</b>	<b>0</b>					
<b>Ethiprole (insecticide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Ethofumesate (herbicide)</b>							
Carrots	499	0			0.005		7.0
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Ethoprop (insecticide)</b>							
Bananas	703	3	0.4	0.002 - 0.010	0.001		0.02
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001 - 0.003		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		0.02
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,493</b>	<b>3</b>					
<b>Ethoxyquin (plant growth regulator)</b>							
Bananas	703	0			0.010		NT
Summer Squash	87	0			0.005		NT
Tangerines	628	0			0.005		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,634</b>	<b>0</b>					
<b>Ethylan (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Etofenprox (insecticide)</b>							
Apple Juice	724	0			0.003		5.0
Bananas	703	0			0.003		5.0
Blueberries, Cultivated, Fresh	168	0			0.025		5.0
Blueberries, Frozen	7	0			0.025		5.0
Broccoli	675	0			0.001 - 0.002		5.0
Cantaloupe	694	0			0.025		5.0
Carrots	499	0			0.020		5.0
Cauliflower	692	0			0.001 - 0.002		5.0
Collard Greens	514	0			0.025		5.0
Eggplant	661	0			0.001 - 0.020		5.0
Green Beans	177	0			0.001		5.0
Kiwi Fruit	177	8	4.5	0.039 - 0.14	0.035		5.0
Orange Juice	499	0			0.001		5.0
Summer Squash	176	0			0.001 - 0.010		5.0
Tangerines	687	0			0.010		5.0
Tomato Paste	506	0			0.001 - 0.010		5.0
Winter Squash	<u>677</u>	<u>10</u>	1.5	0.001 - 0.002	0.001		5.0
<b>TOTAL</b>	<b>8,236</b>	<b>18</b>					
<b>Etoxazole (acaricide)</b>							
Apple Juice	724	0			0.001		0.20
Broccoli	675	1	0.1	0.002	0.001	V-1	NT
Carrots	499	0			0.10		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	10	1.5	0.002 - 0.003	0.001 - 0.10		0.20
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.20		NT
Orange Juice	499	0			0.001		0.10
Radishes	689	0			0.004		NT
Summer Squash	176	0			0.001		0.02
Sweet Bell Peppers	675	2	0.3	0.011	0.004		0.20
Tangerines	687	1	0.1	0.002	0.001		0.10
Tomato Paste	506	0			0.001		0.20
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.02
<b>TOTAL</b>	<b>7,514</b>	<b>14</b>					
<b>Etridiazole (fungicide)</b>							
Carrots	499	0			0.015		NT
Eggplant	311	0			0.015		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.005		NT
Sweet Bell Peppers	675	2	0.3	0.006 - 0.008	0.005	V-2	NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005		0.15
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>5,073</b>	<b>2</b>					
<b>Etrifos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Famoxadone (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.025		NT
Blueberries, Frozen	7	0			0.025		NT
Broccoli	675	0			0.002 - 0.015		NT
Cantaloupe	694	0			0.025		0.30
Carrots	499	0			0.050		NT
Cauliflower	692	0			0.002 - 0.015		NT
Collard Greens	514	2	0.4	0.029 - 0.053	0.025	V-2	NT
Eggplant	598	0			0.008 - 0.050		4.0
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.050		NT
Orange Juice	499	0			0.010		NT
Summer Squash	176	0			0.010 - 0.050		0.30
Tangerines	687	0			0.10		NT
Tomato Paste	506	1	0.2	0.011	0.010 - 0.10		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.30
<b>TOTAL</b>	<b>6,746</b>	<b>3</b>					
<b>Famphur (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fenamidone (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	5	0.7	0.004 - 0.18	0.002		5.0
Cantaloupe	694	0			0.005		0.15
Carrots	499	1	0.2	0.015	0.015		0.15
Cauliflower	692	0			0.002		5.0
Collard Greens	514	47	9.1	0.005 - 2.3	0.005		60
Eggplant	661	0			0.002 - 0.015		1.0
Green Beans	177	0			0.001		0.80
Kiwi Fruit	177	0			0.060		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001		0.15
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		2.2
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.15
<b>TOTAL</b>	<b>8,173</b>	<b>53</b>					
<b>Fenamiphos (insecticide)</b>							
Bananas	703	0			0.002		0.1
Broccoli	675	0			0.001 - 0.003		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001 - 0.006		NT
Eggplant	661	0			0.001 - 0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,503</b>	<b>0</b>					
<b>Fenamiphos sulfone (metabolite of Fenamiphos)</b>							
Bananas	703	0			0.002		0.1
Broccoli	655	0			0.005 - 0.010		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.005		NT
Eggplant	661	0			0.002 - 0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,483</b>	<b>0</b>					
<b>Fenamiphos sulfoxide (metabolite of Fenamiphos)</b>							
Bananas	703	0			0.006		0.1
Broccoli	675	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,503</b>	<b>0</b>					
<b>Fenarimol (fungicide)</b>							
Apple Juice	724	0			0.005		0.3
Bananas	703	0			0.005		0.25
Broccoli	675	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		0.20
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	1	0.1	0.005	0.005	V-1	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.20
<b>TOTAL</b>	<b>8,130</b>	<b>1</b>					
<b>Fenazaquin (insecticide, acaricide)</b>							
Apple Juice	724	0			0.001		0.6
Blueberries, Cultivated, Fresh	168	0			0.005		2
Blueberries, Frozen	7	0			0.005		2
Cantaloupe	669	0			0.005		0.3
Carrots	499	0			0.005		NT
Collard Greens	271	0			0.005		NT
Eggplant	311	0			0.005		0.3
Green Beans	177	0			0.001		0.4
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.5
Summer Squash	176	0			0.001 - 0.005		0.3
Tangerines	687	0			0.005		0.5
Tomato Paste	506	0			0.001 - 0.005		0.3
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		0.3
<b>TOTAL</b>	<b>5,548</b>	<b>0</b>					
<b>Fenbuconazole (fungicide)</b>							
Apple Juice	724	0			0.002		0.4
Bananas	703	0			0.002		0.3
Blueberries, Cultivated, Fresh	168	1	0.6	0.012	0.005		0.3
Blueberries, Frozen	7	0			0.005		0.3
Broccoli	628	0			0.003 - 0.006		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.005		NT
Cauliflower	626	0			0.001 - 0.006		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	1	0.2	0.002	0.001		1.0
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		1.0
Tangerines	687	0			0.001		1.0
Tomato Paste	506	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>9,487</b>	<b>2</b>					
<b>Fenclorophos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fenhexamid (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	44	26.2	0.015 - 2.0	0.013		5
Blueberries, Frozen	7	0			0.013		5
Cantaloupe	694	0			0.013		NT
Carrots	499	0			0.015		NT
Collard Greens	514	0			0.013		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	311	0			0.015		2
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.015		30
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.010		NT
Sweet Bell Peppers	675	16	2.4	0.013 - 0.088	0.010		2
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.010		2
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>6,456</b>	<b>60</b>					
<b>Fenitrothion (insecticide)</b>							
Broccoli	675	0			0.002		NT
Cauliflower	692	0			0.002		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>Fenobucarb - BPMC (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fenoxaprop ethyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fenoxycarb (insecticide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,542</b>	<b>0</b>					
<b>Fenpicoxamid (fungicide)</b>							
Bananas	<u>703</u>	<u>0</u>			0.001		0.15
<b>TOTAL</b>	<b>703</b>	<b>0</b>					
<b>Fenpropathrin (insecticide)</b>							
Apple Juice	724	0			0.006		5.0
Bananas	703	0			0.006		NT
Blueberries, Cultivated, Fresh	168	1	0.6	0.39	0.020		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Frozen	7	2	28.6	0.048 - 0.26	0.020		3.0
Broccoli	675	0			0.002		3.0
Cantaloupe	694	0			0.02		0.5
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.002		3.0
Collard Greens	514	0			0.020		NT
Eggplant	661	5	0.8	0.004 - 0.018	0.002 - 0.020		1.0
Green Beans	177	2	1.1	0.003 - 0.058	0.001	V-2	NT
Kiwi Fruit	177	0			0.020		5
Orange Juice	499	2	0.4	0.001	0.001		2.0
Radishes	689	0			0.005		NT
Summer Squash	176	1	0.6	0.002	0.001 - 0.005		0.5
Sweet Bell Peppers	675	14	2.1	0.013 - 0.080	0.005		1.0
Tangerines	687	0			0.005		2.0
Tomato Paste	506	10	2	0.001 - 0.006	0.001 - 0.005		1.0
Winter Squash	<u>677</u>	<u>13</u>	1.9	0.001 - 0.031	0.001		0.5
<b>TOTAL</b>	<b>9,600</b>	<b>50</b>					
<b>Fenpropidin (fungicide)</b>							
Bananas	703	7	1	0.002 - 0.006	0.001		10
Green Beans	177	0			0.040		NT
Orange Juice	499	0			0.040		NT
Summer Squash	89	0			0.040		NT
Tomato Paste	290	0			0.040		NT
Winter Squash	<u>677</u>	<u>0</u>			0.040		NT
<b>TOTAL</b>	<b>2,435</b>	<b>7</b>					
<b>Fenpropimorph (fungicide)</b>							
Bananas	703	74	10.5	0.005 - 0.018	0.003		2.0
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Cantaloupe	632	0			0.001		NT
Collard Greens	450	1	0.2	0.001	0.001	V-1	NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,056</b>	<b>75</b>					
<b>Fenpyrazamine (fungicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.001 - 0.003		NT
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001 - 0.003		NT
Winter Squash	<u>451</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,496</b>	<b>0</b>					
<b>Fenpyroximate (acaricide)</b>							
Apple Juice	724	0			0.001		0.30
Blueberries, Cultivated, Fresh	168	0			0.005		3
Blueberries, Frozen	7	0			0.005		3
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.005		0.10



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	22	3.3	0.003 - 0.036	0.003 - 0.005		0.20
Green Beans	177	0			0.001		0.40
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		0.4
Sweet Bell Peppers	675	31	4.6	0.010 - 0.13	0.010		0.20
Tomato Paste	290	0			0.001		0.20
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.4
<b>TOTAL</b>	<b>7,907</b>	<b>53</b>					
<b>Fensulfothion (insecticide, fumigant)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fenthion (insecticide)</b>							
Broccoli	675	0			0.006		NT
Carrots	499	0			0.030		NT
Cauliflower	692	0			0.002 - 0.006		NT
Eggplant	661	0			0.002 - 0.030		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Fenthion oxygen analog sulfone (metabolite of Fenthion)</b>							
Carrots	499	0			0.015		NT
Eggplant	311	0			0.015		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Fenthion oxygen analog sulfoxide (metabolite of Fenthion)</b>							
Carrots	499	0			0.015		NT
Eggplant	311	0			0.015		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Fenthion sulfone (metabolite of Fenthion)</b>							
Carrots	499	0			0.12		NT
Eggplant	311	0			0.12		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.12		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Fenthion sulfoxide (metabolite of Fenthion)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Fenuron (herbicide)</b>							
Green Beans	177	0			0.005 - 0.020		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005 - 0.020		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005 - 0.020		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fipronil (insecticide)</b>							
Broccoli	675	1	0.1	0.002	0.001	V-1	NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.015		NT
Green Beans	177	1	0.6	0.061	0.001	V-1	NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	1	0.1	0.014	0.005	V-1	NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>3</b>					
<b>Fipronil sulfone - MB46136 (metabolite of Fipronil)</b>							
Blueberries, Cultivated, Fresh	168	0			0.050		NT
Blueberries, Frozen	7	0			0.050		NT
Cantaloupe	694	0			0.050		NT
Collard Greens	514	0			0.050		NT
Green Beans	177	1	0.6	0.009	0.001	V-1	NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,115</b>	<b>1</b>					
<b>Flazasulfuron (herbicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		0.01
Summer Squash	176	0			0.005		NT
Tangerines	687	0			0.005		0.01
Tomato Paste	506	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>2,722</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Flonicamid (insecticide)</b>							
Apple Juice	724	0			0.010		0.20
Blueberries, Cultivated, Fresh	168	0			0.006		1.5
Blueberries, Frozen	7	0			0.006		1.5
Broccoli	675	6	0.9	0.003 - 0.035	0.003		1.5
Cantaloupe	694	4	0.6	0.010 - 0.012	0.006		1.5
Carrots	499	0			0.005		0.60
Cauliflower	664	1	0.2	0.005	0.003		1.5
Collard Greens	486	11	2.3	0.014 - 1.7	0.006		16
Eggplant	661	12	1.8	0.002 - 0.046	0.001 - 0.005		3.0
Green Beans	177	4	2.3	0.011 - 0.17	0.010		4.0
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.010		1.5
Radishes	689	44	6.4	0.010 - 0.12	0.010		0.60
Summer Squash	176	12	6.8	0.014 - 0.31	0.010 - 0.050		1.5
Sweet Bell Peppers	675	75	11.1	0.011 - 0.44	0.010		3.0
Tangerines	687	0			0.050		1.5
Tomato Paste	506	0			0.010 - 0.050		2.0
Winter Squash	<u>677</u>	<u>0</u>			0.010		1.5
<b>TOTAL</b>	<b>8,841</b>	<b>169</b>					
<b>Florpyrauxifen-Benzyl (herbicide)</b>							
Green Beans	177	0			0.010 - 0.020		EX2
Orange Juice	499	0			0.010		EX2
Summer Squash	89	0			0.010 - 0.020		EX2
Tomato Paste	290	0			0.010		EX2
Winter Squash	<u>677</u>	<u>0</u>			0.010 - 0.020		EX2
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fluazifop butyl (herbicide)</b>							
Bananas	703	0			0.001		0.01
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		2.0
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.03
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		0.03
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,129</b>	<b>0</b>					
<b>Fluazinam (fungicide)</b>							
Apple Juice	724	0			0.005		2.0
Carrots	499	0			0.025		0.70
Eggplant	311	0			0.025		0.09
Kiwi Fruit	<u>177</u>	<u>0</u>			0.025		NT
<b>TOTAL</b>	<b>1,711</b>	<b>0</b>					
<b>Flubendiamide (insecticide)</b>							
Apple Juice	724	0			0.004		1.5
Blueberries, Cultivated, Fresh	168	0			0.004		1.5
Blueberries, Frozen	7	0			0.004		1.5
Broccoli	675	17	2.5	0.002 - 0.43	0.001 - 0.003		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	624	0			0.004		0.20
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.003		3.0
Collard Greens	514	6	1.2	0.004 - 0.46	0.004		25
Eggplant	661	2	0.3	0.003 - 0.009	0.003 - 0.010		0.60
Green Beans	177	2	1.1	0.002 - 0.003	0.001		0.50
Orange Juice	499	0			0.001		NT
Summer Squash	176	1	0.6	0.001	0.001 - 0.020		0.20
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.001 - 0.020		0.60
Winter Squash	<u>677</u>	<u>33</u>	4.9	0.001 - 0.023	0.001		0.20
<b>TOTAL</b>	<b>7,286</b>	<b>61</b>					
<b>Flucythrinate (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fludioxonil (fungicide)</b>							
Apple Juice	724	50	6.9	0.012 - 0.10	0.007		5.0
Blueberries, Cultivated, Fresh	168	50	29.8	0.025 - 1.7	0.025		3.0
Blueberries, Frozen	7	1	14.3	0.043	0.025		3.0
Broccoli	675	7	1	0.010 - 0.076	0.006		2
Cantaloupe	694	0			0.025		0.03
Carrots	499	1	0.2	0.067	0.065 - 0.13		7.0
Cauliflower	692	1	0.1	0.010	0.006		2
Collard Greens	514	4	0.8	0.026 - 0.046	0.025		15
Eggplant	648	0			0.006 - 0.065		0.50
Green Beans	177	0			0.010		0.4
Kiwi Fruit	177	20	11.3	0.070 - 3.1	0.065		20
Orange Juice	499	3	0.6	0.019 - 0.022	0.010		10
Radishes	689	2	0.3	0.006 - 0.022	0.005		0.75
Summer Squash	176	0			0.005 - 0.010		0.45
Sweet Bell Peppers	675	18	2.7	0.007 - 0.33	0.005		0.50
Tangerines	687	197	28.7	0.005 - 0.21	0.005		10
Tomato Paste	506	0			0.005 - 0.010		5.0
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.016	0.010		0.45
<b>TOTAL</b>	<b>8,884</b>	<b>355</b>					
<b>Fluensulfone (nematicide)</b>							
Apple Juice	724	0			0.070		0.4
Carrots	499	0			0.010		4
Eggplant	311	0			0.010		0.7
Summer Squash	87	0			0.005		0.7
Tangerines	687	0			0.005		0.3
Tomato Paste	<u>216</u>	<u>0</u>			0.005		1.5
<b>TOTAL</b>	<b>2,524</b>	<b>0</b>					
<b>Flufenacet (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,073</b>	<b>0</b>					
<b>Flufenoxuron (insecticide)</b>							
Apple Juice	724	0			0.002		0.50
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Cantaloupe	694	0			0.001		NT
Collard Greens	514	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		0.30
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,839</b>	<b>0</b>					
<b>Flufenpyr ethyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Flumetsulam (herbicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Flumiclorac pentyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Flumioxazin (herbicide)</b>							
Apple Juice	724	0			0.030		0.02
Blueberries, Cultivated, Fresh	168	0			0.010		0.07
Blueberries, Frozen	7	0			0.010		0.07
Broccoli	675	0			0.010		0.02
Cantaloupe	694	0			0.010		0.03
Carrots	499	0			0.040		NT
Cauliflower	692	0			0.003		0.02
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.003 - 0.040		0.02
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.040		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	499	0			0.001		0.02
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		0.03
Sweet Bell Peppers	675	0			0.005		0.02
Tangerines	687	0			0.005		0.02
Tomato Paste	506	0			0.001 - 0.005		0.02
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.03
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>					
<b>Fluometuron (herbicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.004		NT
Tangerines	687	0			0.004		NT
Tomato Paste	506	0			0.003 - 0.004		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Fluopicolide (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	27	4	0.002 - 0.27	0.001		5.0
Cantaloupe	694	5	0.7	0.005 - 0.007	0.005		0.50
Carrots	499	11	2.2	0.011 - 0.037	0.010		0.15
Cauliflower	692	6	0.9	0.002	0.001		5.0
Collard Greens	514	115	22.4	0.005 - 1.5	0.005		18
Eggplant	661	38	5.7	0.002 - 0.040	0.001 - 0.010		1.6
Green Beans	177	2	1.1	0.002 - 0.003	0.001		0.90
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		0.01
Radishes	689	24	3.5	0.013 - 0.28	0.010	X-3	0.15
Summer Squash	176	9	5.1	0.002 - 0.034	0.001 - 0.010		0.50
Sweet Bell Peppers	675	31	4.6	0.010 - 0.11	0.010		1.6
Tangerines	687	0			0.010		0.01
Tomato Paste	506	0			0.001 - 0.010		1.6
Winter Squash	<u>677</u>	<u>23</u>	3.4	0.001 - 0.032	0.001		0.50
<b>TOTAL</b>	<b>8,173</b>	<b>291</b>					
<b>Fluopyram (fungicide)</b>							
Apple Juice	724	1	0.1	0.003	0.002		0.80
Bananas	703	1	0.1	0.003	0.002		1.0
Blueberries, Cultivated, Fresh	168	1	0.6	0.032	0.005		7.0
Blueberries, Frozen	7	3	42.9	0.015 - 0.14	0.005		7.0
Broccoli	675	38	5.6	0.002 - 0.022	0.001		4.0
Cantaloupe	669	39	5.8	0.005 - 0.033	0.005		1.0
Carrots	499	18	3.6	0.005 - 0.023	0.005		0.30
Cauliflower	692	20	2.9	0.002 - 0.010	0.001 - 0.006		4.0
Collard Greens	514	62	12.1	0.005 - 1.1	0.005		50
Eggplant	661	105	15.9	0.002 - 0.099	0.001 - 0.005		4.0
Green Beans	177	5	2.8	0.001 - 0.010	0.001		4.0
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		1.0
Radishes	689	1	0.1	0.021	0.010		0.30
Summer Squash	176	26	14.8	0.002 - 0.11	0.001 - 0.002		0.60

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	675	117	17.3	0.010 - 0.18	0.010		4.0
Tangerines	687	1	0.1	0.002	0.002		1.0
Tomato Paste	506	67	13.2	0.001 - 0.018	0.001 - 0.002		1.0
Winter Squash	<u>677</u>	<u>21</u>	3.1	0.001 - 0.030	0.001		0.60
<b>TOTAL</b>	<b>9,575</b>	<b>526</b>					
<b>Fluorodifen (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Fluoxastrobin (fungicide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.015		NT
Cauliflower	663	0			0.001		NT
Eggplant	661	19	2.9	0.002 - 0.024	0.001 - 0.015		1.0
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.002		NT
Summer Squash	176	0			0.001		0.50
Sweet Bell Peppers	675	6	0.9	0.002 - 0.050	0.002		1.0
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		1.5
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.50
<b>TOTAL</b>	<b>6,761</b>	<b>25</b>					
<b>Flupyradifurone (insecticide)</b>							
Apple Juice	724	0			0.015		0.70
Broccoli	675	33	4.9	0.003 - 0.25	0.003		6
Carrots	499	0			0.10		0.90
Cauliflower	692	124	17.9	0.002 - 0.026	0.001		6
Eggplant	661	50	7.6	0.002 - 0.17	0.001 - 0.10		1.5
Green Beans	177	0			0.001		3.0
Kiwi Fruit	177	0			0.10		NT
Orange Juice	499	2	0.4	0.001 - 0.002	0.001		3.0
Summer Squash	176	24	13.6	0.002 - 0.038	0.001 - 0.005		0.40
Tangerines	687	1	0.1	0.009	0.005		3.0
Tomato Paste	506	3	0.6	0.001 - 0.002	0.001 - 0.005		1.5
Winter Squash	<u>677</u>	<u>20</u>	3	0.001 - 0.019	0.001		0.40
<b>TOTAL</b>	<b>6,150</b>	<b>257</b>					
<b>Fluquinconazole (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Collard Greens	514	0			0.010		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,479</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Fluridone (herbicide)</b>							
Apple Juice	724	0			0.001		0.1
Blueberries, Cultivated, Fresh	168	0			0.001		0.1
Blueberries, Frozen	7	0			0.001		0.1
Broccoli	675	0			0.001		0.1
Cantaloupe	694	0			0.001		0.1
Carrots	499	0			0.005		0.1
Cauliflower	692	0			0.001		0.1
Collard Greens	514	0			0.001		0.1
Eggplant	661	0			0.001 - 0.005		0.1
Green Beans	177	0			0.001		0.1
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.1
Radishes	689	0			0.010		0.1
Summer Squash	176	0			0.001 - 0.002		0.1
Sweet Bell Peppers	675	0			0.010		0.1
Tangerines	687	0			0.002		0.1
Tomato Paste	506	0			0.001 - 0.002		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.1
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>					
<b>Fluroxypyr-meptyl (herbicide)</b>							
Apple Juice	<u>724</u>	<u>0</u>			0.005		0.02
<b>TOTAL</b>	<b>724</b>	<b>0</b>					
<b>Flusilazole (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Collard Greens	243	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,195</b>	<b>0</b>					
<b>Fluthiacet methyl (herbicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Flutianil (fungicide)</b>							
Apple Juice	724	0			0.002		0.15
Summer Squash	<u>87</u>	<u>0</u>			0.005		0.2
<b>TOTAL</b>	<b>811</b>	<b>0</b>					
<b>Flutolanil (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.005 - 0.010		NT
Collard Greens	483	0			0.002		0.1
Eggplant	311	0			0.005 - 0.010		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,894</b>	<b>0</b>					
<b>Flutriafol (fungicide)</b>							
Apple Juice	724	8	1.1	0.003	0.002		0.40
Bananas	703	0			0.002		0.30
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	9	1.3	0.002 - 0.010	0.001		1.5
Cantaloupe	694	7	1	0.011 - 0.021	0.010		0.30
Carrots	499	0			0.010		NT
Cauliflower	692	4	0.6	0.002	0.001		1.5
Collard Greens	514	8	1.6	0.012 - 0.11	0.010		7.0
Eggplant	661	18	2.7	0.002 - 0.021	0.001 - 0.010		1.0
Green Beans	177	3	1.7	0.001 - 0.004	0.001	V-3	NT
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	19	10.8	0.001 - 0.015	0.001 - 0.002		0.30
Tangerines	687	0			0.002		NT
Tomato Paste	506	15	3	0.001 - 0.011	0.001 - 0.002		1.5
Winter Squash	<u>677</u>	<u>22</u>	3.2	0.001 - 0.021	0.001		0.30
<b>TOTAL</b>	<b>8,236</b>	<b>113</b>					
<b>Fluvalinate (insecticide)</b>							
Apple Juice	724	0			0.008		NT
Bananas	703	0			0.008		NT
Blueberries, Cultivated, Fresh	168	0			0.050		NT
Blueberries, Frozen	7	0			0.050		NT
Cantaloupe	694	0			0.050		NT
Carrots	499	0			0.020		NT
Collard Greens	514	0			0.050		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.035		NT
Orange Juice	499	0			0.001		NT
Radishes	658	0			0.005		NT
Summer Squash	176	0			0.001 - 0.050		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.001 - 0.050		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,852</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Fluxapyroxad (fungicide)</b>							
Apple Juice	724	17	2.3	0.003 - 0.008	0.002		0.8
Bananas	703	4	0.6	0.003	0.002		3.0
Broccoli	675	13	1.9	0.002 - 0.071	0.001		4.0
Carrots	499	15	3	0.011 - 0.034	0.010		0.90
Cauliflower	692	0			0.003		4.0
Eggplant	661	21	3.2	0.002 - 0.035	0.001 - 0.010		0.7
Green Beans	177	9	5.1	0.002 - 0.022	0.001		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		1.0
Summer Squash	176	3	1.7	0.001 - 0.004	0.001 - 0.005		0.50
Tangerines	687	1	0.1	0.005	0.005		1.0
Tomato Paste	506	185	36.6	0.001 - 0.019	0.001 - 0.005		0.7
Winter Squash	<u>677</u>	<u>9</u>	1.3	0.002 - 0.029	0.001		0.50
<b>TOTAL</b>	<b>6,853</b>	<b>277</b>					
<b>Folpet (fungicide)</b>							
Apple Juice	724	0			0.15		5.0
Cantaloupe	694	0			0.030		3.0
Sweet Bell Peppers	<u>655</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>2,073</b>	<b>0</b>					
<b>Fomesafen (herbicide)</b>							
Summer Squash	87	0			0.005		0.025
Tangerines	<u>687</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>774</b>	<b>0</b>					
<b>Fonofos (insecticide)</b>							
Broccoli	675	0			0.001 - 0.003		NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.003		NT
Eggplant	661	0			0.001 - 0.015		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.030		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Foramsulfuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Forchlorfenuron (plant growth regulator)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		0.04
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.002		NT
Summer Squash	176	1	0.6	0.001	0.001	V-1	NT
Sweet Bell Peppers	675	0			0.002		NT
Tangerines	687	0			0.001		NT
Tomato Paste	477	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,044</b>	<b>1</b>					
<b>Formetanate hydrochloride (insecticide)</b>							
Apple Juice	724	0			0.010		0.50
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		1.5
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	5	0.7	0.016 - 0.13	0.005	X-2	0.03
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,710</b>	<b>5</b>					
<b>Fosthiazate (nematicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		0.02
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Furalaxyl (fungicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Furathiocarb (insecticide)</b>							
Radishes	689	0			0.010		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,364</b>	<b>0</b>					
<b>Halosulfuron (herbicide)</b>							
Carrots	499	0			0.050		NT
Eggplant	311	0			0.050		0.05
Kiwi Fruit	177	0			0.050		NT
Summer Squash	87	0			0.010		0.5
Tangerines	687	0			0.010		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.010		0.05
<b>TOTAL</b>	<b>1,977</b>	<b>0</b>					
<b>Halosulfuron methyl <sup>2</sup> (herbicide)</b>							
Apple Juice	724	0			0.004		0.05
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		0.5
Sweet Bell Peppers	675	0			0.010		0.05
Tomato Paste	290	0			0.001		0.05
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.5
<b>TOTAL</b>	<b>3,820</b>	<b>0</b>					
<b>Heptenophos (insecticide, acaricide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Hexaconazole (fungicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Hexazinone (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Hexythiazox (insecticide, acaricide)</b>							
Apple Juice	724	0			0.002		0.4
Blueberries, Cultivated, Fresh	168	0			0.002		6
Blueberries, Frozen	7	0			0.002		6
Broccoli	675	0			0.006		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.015		NT
Cauliflower	692	1	0.1	0.003	0.002	V-1	NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.006 - 0.015		1.5
Green Beans	177	0			0.001		0.3
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		0.6
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		1.5
Tangerines	626	0			0.010		0.6
Tomato Paste	506	0			0.001 - 0.010		0.50
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,836</b>	<b>1</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Hydroprene (insect growth regulator)</b>							
Apple Juice	724	0			0.008		0.2
Bananas	703	0			0.008		0.2
Broccoli	675	0			0.005		0.2
Carrots	499	0			0.015		0.2
Cauliflower	692	0			0.002		0.2
Eggplant	661	0			0.002 - 0.015		0.2
Green Beans	177	0			0.003		0.2
Kiwi Fruit	177	0			0.015		0.2
Orange Juice	499	0			0.003		0.2
Summer Squash	176	0			0.003 - 0.005		0.2
Tangerines	687	0			0.005		0.2
Tomato Paste	506	0			0.003 - 0.005		0.2
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.2
<b>TOTAL</b>	<b>6,853</b>	<b>0</b>					
<b>3-Hydroxycarbofuran (metabolite of Carbofuran)</b>							
Apple Juice	724	0			0.008		NT
Bananas	703	0			0.008		0.1
Blueberries, Cultivated, Fresh	168	1	0.6	0.004	0.003	V-1	NT
Blueberries, Frozen	7	0			0.003		NT
Cantaloupe	694	0			0.003		NT
Carrots	499	0			0.005		NT
Cauliflower	670	0			0.004		NT
Collard Greens	514	0			0.003		NT
Eggplant	661	0			0.004 - 0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.001 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,903</b>	<b>1</b>					
<b>5-Hydroxythiabendazole (metabolite of Thiabendazole)</b>							
Carrots	499	0			0.005		10.0
Green Beans	177	0			0.001		0.02
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	7	1.4	0.001 - 0.005	0.001		10.0
Summer Squash	89	0			0.001		0.02
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.02
<b>TOTAL</b>	<b>2,408</b>	<b>7</b>					
<b>Hydroxy Acequinocyl (metabolite of Acequinocyl)</b>							
Green Beans	177	0			0.001		0.25
Summer Squash	89	0			0.001		0.30
Winter Squash	<u>62</u>	<u>0</u>			0.001		0.30
<b>TOTAL</b>	<b>328</b>	<b>0</b>					
<b>Imazalil (fungicide)</b>							
Bananas	703	26	3.7	0.007 - 0.070	0.004		3.0
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001 - 0.003		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	2	0.3	0.002	0.001 - 0.005	V-2	NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	96	19.2	0.003 - 0.085	0.003		10.0
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	641	93.3	0.005 - 1.3	0.005		10.0
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.007	0.003	V-1	NT
<b>TOTAL</b>	<b>8,876</b>	<b>766</b>					
<b>Imazethapyr (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		NT
Blueberries, Frozen	7	0			0.020		NT
Cantaloupe	694	0			0.020		NT
Collard Greens	<u>514</u>	<u>0</u>			0.020		NT
<b>TOTAL</b>	<b>1,383</b>	<b>0</b>					
<b>Imazosulfuron (herbicide)</b>							
Carrots	499	0			0.025		NT
Eggplant	311	0			0.025		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		0.02
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Imidacloprid (insecticide)</b>							
Apple Juice	724	0			0.020		0.5
Bananas	703	0			0.020		0.50
Blueberries, Cultivated, Fresh	168	21	12.5	0.003 - 0.18	0.003		3.5
Blueberries, Frozen	7	3	42.9	0.012 - 0.038	0.003		3.5
Broccoli	675	120	17.8	0.003 - 0.12	0.003 - 0.006		3.5
Cantaloupe	694	159	22.9	0.003 - 0.18	0.003		0.5
Carrots	499	1	0.2	0.024	0.020		0.40
Cauliflower	692	134	19.4	0.003 - 0.059	0.003		3.5
Collard Greens	514	153	29.8	0.003 - 0.34	0.003		3.5
Eggplant	661	188	28.4	0.002 - 0.13	0.001 - 0.020		1.0
Green Beans	177	6	3.4	0.005 - 0.042	0.003		4.0
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	5	1	0.003 - 0.013	0.003		0.70
Radishes	689	16	2.3	0.011 - 0.099	0.010		0.40
Summer Squash	176	80	45.5	0.003 - 0.14	0.003 - 0.010		0.5
Sweet Bell Peppers	675	145	21.5	0.010 - 1.6	0.010	X-1	1.0
Tangerines	687	17	2.5	0.010 - 0.044	0.010		0.70
Tomato Paste	506	203	40.1	0.003 - 0.024	0.003 - 0.010		6.0
Winter Squash	<u>677</u>	<u>234</u>	34.6	0.003 - 0.20	0.003		0.5
<b>TOTAL</b>	<b>9,600</b>	<b>1,485</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Imidacloprid desnitro (metabolite of Imidacloprid)</b>							
Green Beans	177	17	9.6	0.001 - 0.014	0.001		4.0
Summer Squash	89	44	49.4	0.001 - 0.012	0.001		0.5
Winter Squash	<u>62</u>	<u>18</u>	29	0.001 - 0.007	0.001		0.5
<b>TOTAL</b>	<b>328</b>	<b>79</b>					
<b>Imidacloprid urea (metabolite of Imidacloprid)</b>							
Apple Juice	724	0			0.012		0.5
Carrots	499	0			0.015		0.40
Eggplant	311	0			0.015		1.0
Green Beans	177	3	1.7	0.002 - 0.008	0.001		4.0
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		0.70
Summer Squash	89	8	9	0.002 - 0.004	0.001		0.5
Tomato Paste	290	0			0.001		6.0
Winter Squash	<u>677</u>	<u>16</u>	2.4	0.001 - 0.006	0.001		0.5
<b>TOTAL</b>	<b>3,443</b>	<b>27</b>					
<b>Imiprothrin (insecticide)</b>							
Apple Juice	724	0			0.015		NT
Bananas	703	0			0.015		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.045		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.045		NT
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.095		NT
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.010 - 0.10		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.40		NT
Tomato Paste	506	0			0.010 - 0.40		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>7,883</b>	<b>0</b>					
<b>Indaziflam (herbicide)</b>							
Apple Juice	724	0			0.001		0.01
Bananas	703	0			0.001		0.01
Blueberries, Cultivated, Fresh	168	0			0.001		0.01
Blueberries, Frozen	7	0			0.001		0.01
Cantaloupe	694	0			0.001		NT
Collard Greens	514	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		0.01
Summer Squash	176	0			0.001		NT
Tangerines	687	1	0.1	0.002	0.001		0.01
Tomato Paste	506	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,532</b>	<b>1</b>					
<b>Indoxacarb (insecticide)</b>							
Apple Juice	724	0			0.005		1.0
Blueberries, Cultivated, Fresh	168	0			0.020		1.5
Blueberries, Frozen	7	0			0.020		1.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	694	0			0.020		0.60
Carrots	499	0			0.025		NT
Collard Greens	514	53	10.3	0.020 - 0.92	0.020		12
Eggplant	311	0			0.025		0.50
Green Beans	177	0			0.005		0.9
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.005		NT
Radishes	689	1	0.1	0.013	0.010	V-1	NT
Summer Squash	176	0			0.005 - 0.050		0.60
Sweet Bell Peppers	675	12	1.8	0.011 - 0.11	0.010		0.50
Tangerines	687	0			0.050		NT
Tomato Paste	506	3	0.6	0.007 - 0.009	0.005 - 0.050		0.50
Winter Squash	<u>677</u>	<u>0</u>			0.005		0.60
<b>TOTAL</b>	<b>7,180</b>	<b>69</b>					
<b>Iprconazole (fungicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003		0.01
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Iprobenfos - IBP (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Iprodione (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	10	6	0.054 - 1.4	0.040		15.0
Blueberries, Frozen	7	1	14.3	0.094	0.040		15.0
Broccoli	675	0			0.009		25.0
Cantaloupe	694	0			0.040		NT
Carrots	499	64	12.8	0.015 - 0.087	0.015		5.0
Cauliflower	664	0			0.009		NT
Collard Greens	514	0			0.040		NT
Eggplant	630	0			0.015 - 0.030		NT
Green Beans	177	1	0.6	0.15	0.003		2.0
Kiwi Fruit	177	0			0.025		10.0
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.075		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.075		NT
Tomato Paste	506	0			0.003 - 0.075		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>8,114</b>	<b>76</b>					
<b>Iprovalicarb (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.003 - 0.005		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Isocarbophos (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Isufenphos (insecticide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Isufenphos methyl (metabolite if Isufenphos)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Isfetamid (fungicide)</b>							
Apple Juice	724	0			0.001		0.60
Summer Squash	87	0			0.001		NT
Tangerines	687	0			0.002		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.002		NT
<b>TOTAL</b>	<b>1,714</b>	<b>0</b>					
<b>Isoprocarb (insecticide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Isopropalin (herbicide)</b>							
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Isoprothiolane (fungicide)</b>							
Green Beans	177	4	2.3	0.001 - 0.002	0.001	V-4	NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,096</b>	<b>4</b>					
<b>Isoproturon (herbicide)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Isopyrazam (fungicide)</b>							
Bananas	703	0			0.003		0.05
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	1	0.1	0.006	0.005	V-1	NT
Tomato Paste	506	0			0.001 - 0.005		0.50
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,425</b>	<b>1</b>					
<b>Isoxaben (herbicide)</b>							
Apple Juice	<u>724</u>	<u>0</u>			0.001		0.01
<b>TOTAL</b>	<b>724</b>	<b>0</b>					
<b>Isoxadifen ethyl (herbicide safener)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Kinoprene (insecticide)</b>							
Carrots	499	0			0.10		NT
Eggplant	311	0			0.10		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.10		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Kresoxim-methyl (fungicide)</b>							
Apple Juice	724	0			0.009		0.5
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.002		NT
Cantaloupe	694	0			0.010		0.40
Carrots	499	0			0.015		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cauliflower	692	0			0.002		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.002 - 0.015		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.005		NT
Summer Squash	176	0			0.005		0.40
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		0.40
<b>TOTAL</b>	<b>7,533</b>	<b>0</b>					
<b>Lactofen (herbicide)</b>							
Green Beans	177	0			0.003		0.01
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		0.02
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Lenacil (herbicide)</b>							
Radishes	689	0			0.005		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,364</b>	<b>0</b>					
<b>Leptophos oxygen analog (insecticide metabolite)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Linuron (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.008		NT
Blueberries, Frozen	7	0			0.008		NT
Broccoli	675	1	0.1	0.010	0.002	V-1	NT
Cantaloupe	694	0			0.008		NT
Carrots	499	158	31.7	0.010 - 0.17	0.010		1.0
Cauliflower	692	0			0.002		NT
Collard Greens	514	5	1	0.009 - 0.023	0.008	V-5	NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.019		NT
Summer Squash	176	0			0.003 - 0.010		NT
Sweet Bell Peppers	675	0			0.019		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.003	0.003	V-1	NT
<b>TOTAL</b>	<b>8,173</b>	<b>165</b>					
<b>Lufenuron (insecticide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Malathion (insecticide)</b>							
Apple Juice	724	0			0.004		8
Blueberries, Cultivated, Fresh	168	3	1.8	0.005 - 0.012	0.002		8
Blueberries, Frozen	7	5	71.4	0.004 - 0.057	0.002		8
Broccoli	675	1	0.1	0.002	0.001		8
Cantaloupe	694	0			0.002		8
Carrots	499	0			0.005		8
Cauliflower	692	0			0.001		8
Collard Greens	514	2	0.4	0.002 - 0.007	0.002		8
Eggplant	661	14	2.1	0.002 - 0.010	0.001 - 0.005		8
Green Beans	177	0			0.003		8
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		8
Radishes	689	0			0.010		8
Summer Squash	176	0			0.003 - 0.010		8
Sweet Bell Peppers	675	2	0.3	0.027 - 0.035	0.010		8
Tangerines	687	0			0.010		8
Tomato Paste	506	0			0.003 - 0.010		8
Winter Squash	<u>677</u>	<u>0</u>			0.003		8
<b>TOTAL</b>	<b>8,897</b>	<b>27</b>					
<b>Malathion oxygen analog (metabolite of Malathion)</b>							
Apple Juice	724	0			0.010		8
Blueberries, Cultivated, Fresh	110	0			0.002		8
Blueberries, Frozen	6	1	16.7	0.003	0.002		8
Broccoli	675	0			0.002		8
Cantaloupe	693	1	0.1	0.007	0.002		8
Carrots	499	0			0.005		8
Cauliflower	692	0			0.002		8
Collard Greens	514	0			0.002		8
Eggplant	661	0			0.002 - 0.005		8
Green Beans	177	0			0.001		8
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		8
Radishes	689	0			0.010		8
Summer Squash	176	0			0.001 - 0.002		8
Sweet Bell Peppers	675	0			0.010		8
Tangerines	687	0			0.002		8
Tomato Paste	506	0			0.001 - 0.002		8
Winter Squash	<u>677</u>	<u>0</u>			0.001		8
<b>TOTAL</b>	<b>8,837</b>	<b>2</b>					
<b>Mandipropamid (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	13	1.9	0.005 - 0.13	0.003		3.0
Cantaloupe	694	0			0.002		0.6
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.003		3.0
Collard Greens	514	75	14.6	0.002 - 2.1	0.002		25
Eggplant	661	1	0.2	0.032	0.003 - 0.020		1.0
Green Beans	177	0			0.003		0.90
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		0.50
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.005		0.6

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	675	11	1.6	0.005 - 0.030	0.005		1.0
Tangerines	687	0			0.005		0.50
Tomato Paste	506	0			0.003 - 0.005		1.0
Winter Squash	<u>677</u>	<u>2</u>	0.3	0.004 - 0.007	0.003		0.6
<b>TOTAL</b>	<b>8,173</b>	<b>102</b>					
<b>Mecarbam (insecticide, acaricide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Mefenacet (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Mefenpyr diethyl (herbicide safener)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Mepanipyrim (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		0.5
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Mephosfolan (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Mepronil (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Mesotrione (herbicide)</b>							
Apple Juice	724	0			0.040		0.01
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.020		0.01
Summer Squash	87	0			0.050		NT
Tangerines	687	0			0.050		0.01
Tomato Paste	<u>216</u>	<u>0</u>			0.050		NT
<b>TOTAL</b>	<b>2,390</b>	<b>0</b>					
<b>Metaflumizone (insecticide)</b>							
Apple Juice	724	0			0.020		0.04
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		1.5
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.010		0.04
Summer Squash	176	0			0.005 - 0.010		NT
Tangerines	687	0			0.005		0.04
Tomato Paste	506	0			0.005 - 0.010		1.2
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>4,433</b>	<b>0</b>					
<b>Metalaxyl/Mefenoxam <sup>3</sup> (fungicide)</b>							
Apple Juice	724	0			0.002		0.2
Blueberries, Cultivated, Fresh	168	6	3.6	0.001 - 0.021	0.001		2.0
Blueberries, Frozen	7	0			0.001		2.0
Broccoli	675	12	1.8	0.002 - 0.006	0.001		2.0
Cantaloupe	694	93	13.4	0.001 - 0.041	0.001		1.0
Carrots	499	0			0.015		0.5
Cauliflower	692	5	0.7	0.002 - 0.027	0.001		1.0
Collard Greens	514	38	7.4	0.001 - 0.15	0.001		0.1
Eggplant	661	7	1.1	0.002 - 0.005	0.001 - 0.015		1.0
Green Beans	177	20	11.3	0.001 - 0.020	0.001		0.2
Kiwi Fruit	177	0			0.030		0.10
Orange Juice	499	0			0.001		1.0
Radishes	689	25	3.6	0.006 - 0.071	0.005		0.5
Summer Squash	176	14	8	0.001 - 0.031	0.001 - 0.010		1.0
Sweet Bell Peppers	675	121	17.9	0.005 - 0.23	0.005		1.0
Tangerines	687	0			0.010		1.0
Tomato Paste	506	18	3.6	0.002 - 0.014	0.001 - 0.010		3.0
Winter Squash	<u>677</u>	<u>37</u>	5.5	0.001 - 0.17	0.001		1.0
<b>TOTAL</b>	<b>8,897</b>	<b>396</b>					
<b>Metaldehyde (molluscicide)</b>							
Carrots	499	0			0.055		NT
Eggplant	311	0			0.055		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.11		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Metamitron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Metconazole (fungicide)</b>							
Bananas	703	0			0.002		0.1
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,422</b>	<b>0</b>					
<b>Methacrifos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Methamidophos (insecticide) (also a metabolite of Acephate)</b>							
Apple Juice	724	0			0.025		0.02
Bananas	703	0			0.025		0.02
Blueberries, Cultivated, Fresh	168	0			0.005		0.02
Blueberries, Frozen	7	0			0.005		0.02
Cantaloupe	694	0			0.005		0.02
Carrots	499	0			0.035		0.02
Cauliflower	692	8	1.2	0.006 - 0.024	0.004		0.5
Collard Greens	514	1	0.2	0.010	0.005		0.02
Eggplant	661	0			0.001 - 0.035		0.02
Green Beans	177	11	6.2	0.002 - 1.1	0.001	X-6	0.02
Kiwi Fruit	177	0			0.035		0.02
Orange Juice	499	0			0.001		0.02
Radishes	689	2	0.3	0.011 - 0.018	0.010		0.02
Summer Squash	176	0			0.001 - 0.020		0.02
Sweet Bell Peppers	675	31	4.6	0.010 - 0.23	0.010		1
Tangerines	687	0			0.10		0.02
Tomato Paste	506	0			0.001 - 0.10		0.02
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.013	0.001		0.02
<b>TOTAL</b>	<b>8,925</b>	<b>54</b>					
<b>Methfuroxam (fungicide)</b>							
Orange Juice	499	0			0.001		NT
Summer Squash	55	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>594</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,438</b>	<b>0</b>					
<b>Methidathion (insecticide)</b>							
Apple Juice	724	0			0.003		0.05
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	661	0			0.001 - 0.015		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.015		0.1
Orange Juice	499	0			0.003		4.0
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.002		6.0
Tomato Paste	506	0			0.002 - 0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>8,810</b>	<b>0</b>					
<b>Methiocarb (insecticide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Methiocarb sulfone (metabolite of Methiocarb)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Methiocarb sulfoxide (metabolite of Methiocarb)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Methomyl (insecticide)</b>							
Apple Juice	724	0			0.008		1
Blueberries, Cultivated, Fresh	168	0			0.030		6
Blueberries, Frozen	7	0			0.030		6
Broccoli	675	3	0.4	0.009 - 0.035	0.008		3
Cantaloupe	694	0			0.030		0.2
Carrots	499	0			0.015		0.2
Cauliflower	692	9	1.3	0.010 - 0.048	0.008		2
Collard Greens	486	7	1.4	0.038 - 4.3	0.030		6
Eggplant	661	10	1.5	0.022 - 0.13	0.002 - 0.015		0.2
Green Beans	177	9	5.1	0.017 - 0.45	0.010		2
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.010		2
Radishes	689	2	0.3	0.014 - 0.039	0.010		0.2



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	176	3	1.7	0.011 - 0.029	0.005 - 0.010		0.2
Sweet Bell Peppers	675	34	5	0.011 - 0.20	0.010		2
Tangerines	687	1	0.1	0.013	0.010		2
Tomato Paste	506	0			0.010		1
Winter Squash	<u>677</u>	<u>0</u>			0.010		0.2
<b>TOTAL</b>	<b>8,869</b>	<b>78</b>					
<b>Methomyl oxime (insecticide metabolite)</b>							
Apple Juice	724	0			0.035		1
Carrots	499	0			0.10		0.2
Eggplant	311	0			0.10		0.2
Summer Squash	87	0			0.10		0.2
Tangerines	687	0			0.10		2
Tomato Paste	<u>216</u>	<u>0</u>			0.10		1
<b>TOTAL</b>	<b>2,524</b>	<b>0</b>					
<b>Methoprene (insect growth regulator)</b>							
Broccoli	675	0			0.015		EX3
Carrots	499	0			0.060		EX3
Cauliflower	692	0			0.050		EX3
Eggplant	661	0			0.050 - 0.060		EX3
Kiwi Fruit	<u>177</u>	<u>0</u>			0.060		EX3
<b>TOTAL</b>	<b>2,704</b>	<b>0</b>					
<b>Methoprotryne (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Methoxychlor (insecticide)</b>							
Broccoli	675	0			0.003 - 0.006		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.003		NT
Eggplant	648	0			0.003 - 0.020		NT
Kiwi Fruit	177	0			0.040		NT
Summer Squash	55	0			0.001		NT
Winter Squash	<u>62</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,808</b>	<b>0</b>					
<b>Methoxychlor olefin (metabolite of Methoxychlor)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT
Eggplant	<u>350</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,717</b>	<b>0</b>					
<b>Methoxychlor p,p' (isomer of Methoxychlor)</b>							
Green Beans	92	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	34	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>615</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,894</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Methoxyfenozide (insecticide)</b>							
Apple Juice	724	19	2.6	0.002 - 0.009	0.001		2.0
Blueberries, Cultivated, Fresh	168	2	1.2	0.004 - 0.016	0.003		3.0
Blueberries, Frozen	7	0			0.003		3.0
Broccoli	675	8	1.2	0.002 - 0.12	0.001 - 0.003		7.0
Cantaloupe	694	0			0.003		0.3
Carrots	499	0			0.020		0.90
Cauliflower	692	1	0.1	0.002	0.001		7.0
Collard Greens	514	66	12.8	0.003 - 5.7	0.003		30
Eggplant	661	8	1.2	0.005 - 0.017	0.003 - 0.020		2.0
Green Beans	177	12	6.8	0.003 - 0.098	0.003		1.5
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		3.0
Radishes	689	9	1.3	0.021 - 0.17	0.010		0.90
Summer Squash	176	1	0.6	0.004	0.002 - 0.003		0.3
Sweet Bell Peppers	675	28	4.1	0.010 - 0.065	0.010		2.0
Tangerines	687	0			0.010		3.0
Tomato Paste	506	77	15.2	0.003 - 0.019	0.003 - 0.010		2.0
Winter Squash	<u>677</u>	<u>15</u>	2.2	0.003 - 0.026	0.003		0.3
<b>TOTAL</b>	<b>8,897</b>	<b>246</b>					
<b>Metobromuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Metolachlor (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.001		0.40
Blueberries, Frozen	7	0			0.001		0.40
Broccoli	675	1	0.1	0.002	0.001		0.60
Cantaloupe	694	0			0.001		0.50
Carrots	499	0			0.010		0.40
Cauliflower	692	0			0.001		0.60
Collard Greens	514	0			0.001		1.8
Eggplant	661	0			0.001 - 0.010		0.10
Green Beans	177	0			0.001		0.30
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		0.30
Summer Squash	176	0			0.001 - 0.005		0.50
Sweet Bell Peppers	675	0			0.005		0.10
Tangerines	687	0			0.005		NT
Tomato Paste	506	12	2.4	0.001 - 0.002	0.001 - 0.005		0.30
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.50
<b>TOTAL</b>	<b>8,173</b>	<b>13</b>					
<b>Metolachlor oxanilic acid (OA) (herbicide metabolite)</b>							
Summer Squash	87	0			0.050		0.50
Tangerines	687	0			0.050		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.050		0.30
<b>TOTAL</b>	<b>990</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Metolcarb (insecticide, acaricide)</b>							
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Metoxuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Metrafenone (fungicide)</b>							
Apple Juice	724	0			0.005		1.5
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		0.90
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.010		0.50
Sweet Bell Peppers	675	1	0.1	0.035	0.010		0.90
Tangerines	687	0			0.010		NT
Tomato Paste	506	2	0.4	0.001 - 0.002	0.001 - 0.010		0.90
Winter Squash	<u>677</u>	<u>4</u>	0.6	0.002 - 0.006	0.001		0.50
<b>TOTAL</b>	<b>5,620</b>	<b>7</b>					
<b>Metribuzin (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	1	0.1	0.003	0.002	V-1	NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.020		0.3
Cauliflower	692	0			0.002		NT
Collard Greens	514	6	1.2	0.006 - 0.042	0.005	V-6	NT
Eggplant	661	0			0.002 - 0.020		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tangerines	451	0			0.005		NT
Tomato Paste	427	0			0.005		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>6,407</b>	<b>7</b>					
<b>Metsulfuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>647</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,702</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Mevinphos (insecticide)</b>							
Broccoli	675	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.010		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,790</b>	<b>0</b>					
<b>Mexacarbate (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>MGK-264 (insecticide)</b>							
Apple Juice	724	0			0.002		5
Bananas	703	0			0.002		5
Blueberries, Cultivated, Fresh	168	0			0.10		5
Blueberries, Frozen	7	0			0.10		5
Broccoli	675	0			0.002		5
Cantaloupe	694	0			0.10		5
Carrots	499	0			0.015		5
Cauliflower	692	0			0.002		5
Collard Greens	514	0			0.10		5
Eggplant	661	0			0.005 - 0.015		5
Green Beans	177	0			0.001		5
Kiwi Fruit	177	0			0.030		5
Orange Juice	499	0			0.001		5
Radishes	661	0			0.010		5
Summer Squash	176	0			0.001 - 0.025		5
Sweet Bell Peppers	675	0			0.010		5
Tangerines	687	0			0.025		5
Tomato Paste	506	0			0.001 - 0.025		5
Winter Squash	<u>677</u>	<u>0</u>			0.001		5
<b>TOTAL</b>	<b>9,572</b>	<b>0</b>					
<b>MGK-326 (insecticide)</b>							
Carrots	499	0			0.015		NT
Eggplant	<u>311</u>	<u>0</u>			0.015		NT
<b>TOTAL</b>	<b>810</b>	<b>0</b>					
<b>Molinate (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Monocrotophos (insecticide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Monolinuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Monuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Myclobutanil (fungicide)</b>							
Apple Juice	724	0			0.004		0.5
Bananas	703	77	11	0.007 - 0.098	0.004		4.0
Blueberries, Cultivated, Fresh	168	3	1.8	0.005 - 0.093	0.003	V-3	NT
Blueberries, Frozen	7	0			0.003		NT
Broccoli	675	0			0.003		0.03
Cantaloupe	694	0			0.003		0.20
Carrots	499	16	3.2	0.002 - 0.024	0.001		0.03
Cauliflower	692	0			0.001		0.03
Collard Greens	514	0			0.003		0.03
Eggplant	661	0			0.001 - 0.003		4.0
Green Beans	177	5	2.8	0.003 - 0.068	0.003		1.0
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		0.03
Summer Squash	176	3	1.7	0.005 - 0.012	0.003 - 0.010		0.20
Sweet Bell Peppers	675	57	8.4	0.006 - 0.19	0.005		4.0
Tangerines	687	0			0.010		NT
Tomato Paste	506	11	2.2	0.003 - 0.007	0.003 - 0.010		1.0
Winter Squash	<u>677</u>	<u>29</u>	4.3	0.003 - 0.015	0.003		0.20
<b>TOTAL</b>	<b>9,600</b>	<b>201</b>					
<b>Naled (insecticide)</b>							
Apple Juice	724	0			0.015		0.5
Bananas	703	0			0.015		0.5
Blueberries, Cultivated, Fresh	168	0			0.020		0.5
Blueberries, Frozen	7	0			0.020		0.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Carrots	499	0			0.20		0.5
Eggplant	<u>311</u>	<u>0</u>			0.20		0.5
<b>TOTAL</b>	<b>2,412</b>	<b>0</b>					
<b>1-Naphthol (metabolite of Carbaryl)</b>							
Apple Juice	724	0			0.35		12
Bananas	703	0			0.35		5.0
Blueberries, Cultivated, Fresh	168	0			0.015		3.0
Blueberries, Frozen	7	0			0.015		3.0
Cantaloupe	368	0			0.015		3.0
Carrots	499	0			0.20		2.0
Collard Greens	514	0			0.015		10
Eggplant	<u>311</u>	<u>0</u>			0.20		5.0
<b>TOTAL</b>	<b>3,294</b>	<b>0</b>					
<b>Napropamide (herbicide)</b>							
Broccoli	675	1	0.1	0.079	0.002		0.1
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		0.1
Eggplant	661	0			0.002 - 0.010		0.1
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.020		0.1
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		0.1
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,790</b>	<b>1</b>					
<b>Neburon (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Nicosulfuron (herbicide)</b>							
Green Beans	127	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	121	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>615</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,555</b>	<b>0</b>					
<b>Nitenpyram (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Nitrapyrin (nitrification inhibitor)</b>							
Green Beans	94	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		0.06
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		0.06
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>2,639</b>	<b>0</b>					
<b>Nitrofen (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Norflurazon (herbicide)</b>							
Apple Juice	724	0			0.030		0.1
Blueberries, Cultivated, Fresh	168	0			0.002		0.2
Blueberries, Frozen	7	0			0.002		0.2
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		0.2
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.010		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.010		0.2
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>					
<b>Norflurazon desmethyl (metabolite of Norflurazon)</b>							
Apple Juice	724	0			0.020		0.1
Blueberries, Cultivated, Fresh	168	0			0.005		0.2
Blueberries, Frozen	7	0			0.005		0.2
Broccoli	675	1	0.1	0.002	0.001	V-1	NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.010		NT
Cauliflower	692	1	0.1	0.002	0.001	V-1	NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		0.2
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	657	0			0.005		0.2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>8,780</b>	<b>2</b>					
<b>Novaluron (insecticide)</b>							
Apple Juice	724	0			0.003		3.0
Bananas	703	0			0.003		0.01
Blueberries, Cultivated, Fresh	168	1	0.6	0.072	0.009		7.0
Blueberries, Frozen	7	0			0.009		7.0
Broccoli	675	11	1.6	0.002 - 0.023	0.001		0.7
Cantaloupe	694	0			0.009		0.20
Carrots	499	0			0.010		0.05
Cauliflower	692	0			0.001		0.7
Collard Greens	514	3	0.6	0.016 - 0.23	0.009		25
Eggplant	648	4	0.6	0.002 - 0.037	0.001 - 0.010		2
Green Beans	177	4	2.3	0.007 - 0.011	0.001 - 0.003		0.70
Kiwi Fruit	177	0			0.010		0.01
Orange Juice	499	0			0.001		0.01
Radishes	689	0			0.010		0.01
Summer Squash	176	1	0.6	0.006	0.001 - 0.005		0.20
Sweet Bell Peppers	675	52	7.7	0.010 - 0.092	0.010		2
Tangerines	687	0			0.025		0.01
Tomato Paste	506	14	2.8	0.001 - 0.005	0.001 - 0.025		2
Winter Squash	<u>677</u>	<u>21</u>	3.1	0.001 - 0.030	0.001 - 0.003		0.20
<b>TOTAL</b>	<b>9,587</b>	<b>111</b>					
<b>Nuarimol (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Octhilinone (fungicide)</b>							
Green Beans	146	0			0.001 - 0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>642</u>	<u>0</u>			0.001 - 0.005		NT
<b>TOTAL</b>	<b>1,666</b>	<b>0</b>					
<b>Omethoate (insecticide) (also a metabolite of Dimethoate)</b>							
Blueberries, Cultivated, Fresh	168	2	1.2	0.023 - 0.030	0.020		1.0
Blueberries, Frozen	7	0			0.020		1.0
Broccoli	675	3	0.4	0.022 - 0.11	0.002		2.0
Cantaloupe	694	0			0.020		1.0
Carrots	499	0			0.010		NT
Cauliflower	692	1	0.1	0.004	0.002		2.0
Collard Greens	514	0			0.020		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	4	2.3	0.003 - 0.035	0.001		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		2.0
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.015		NT
Sweet Bell Peppers	656	5	0.8	0.016 - 0.039	0.010		2.0



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	687	0			0.030		2.0
Tomato Paste	506	0			0.001 - 0.030		2.0
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,154</b>	<b>15</b>					
<b>Orthosulfamuron (herbicide)</b>							
Green Beans	92	0			0.003		NT
Orange Juice	425	0			0.003		NT
Tomato Paste	225	0			0.003		NT
Winter Squash	<u>420</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,162</b>	<b>0</b>					
<b>Oryzalin (herbicide)</b>							
Apple Juice	724	0			0.012		0.05
Blueberries, Cultivated, Fresh	168	0			0.020		0.05
Blueberries, Frozen	7	0			0.020		0.05
Cantaloupe	694	0			0.020		NT
Carrots	499	0			0.10		NT
Collard Greens	514	0			0.020		NT
Eggplant	311	0			0.10		NT
Kiwi Fruit	177	0			0.10		0.05
Radishes	689	0			0.020		NT
Sweet Bell Peppers	675	0			0.10		NT
Tangerines	687	0			0.20		0.05
Tomato Paste	<u>216</u>	<u>0</u>			0.20		NT
<b>TOTAL</b>	<b>5,361</b>	<b>0</b>					
<b>Oxadiazon (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Collard Greens	514	0			0.010		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,115</b>	<b>0</b>					
<b>Oxadixyl (fungicide)</b>							
Broccoli	675	0			0.003		NT
Cauliflower	692	0			0.003		NT
Eggplant	350	0			0.003		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,813</b>	<b>0</b>					
<b>Oxamyl (insecticide)</b>							
Apple Juice	724	0			0.015		2
Bananas	703	0			0.015		0.3
Blueberries, Cultivated, Fresh	168	0			0.003		NT
Blueberries, Frozen	7	0			0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	694	3	0.4	0.006 - 0.018	0.003		2.0
Carrots	499	0			0.005		0.1
Cauliflower	692	0			0.006		NT
Collard Greens	514	3	0.6	0.011 - 0.96	0.003	V-3	NT
Eggplant	311	7	2.3	0.009 - 0.042	0.005		2.0
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.005		3
Radishes	689	0			0.010		NT
Summer Squash	176	4	2.3	0.006 - 0.060	0.005		2.0
Sweet Bell Peppers	675	36	5.3	0.010 - 1.2	0.010		2.0
Tangerines	687	0			0.005		3
Tomato Paste	506	0			0.005		2
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.029	0.005		2.0
<b>TOTAL</b>	<b>8,575</b>	<b>54</b>					
<b>Oxamyl oxime (metabolite of Oxamyl)</b>							
Apple Juice	724	0			0.060		2
Bananas	703	0			0.060		0.3
Blueberries, Cultivated, Fresh	168	0			0.007		NT
Blueberries, Frozen	7	0			0.007		NT
Cantaloupe	694	41	5.9	0.007 - 1.4	0.007		2.0
Carrots	499	0			0.040		0.1
Collard Greens	514	1	0.2	0.052	0.007	V-1	NT
Eggplant	311	7	2.3	0.045 - 0.12	0.040		2.0
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.005		3
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.005 - 0.050		2.0
Sweet Bell Peppers	675	150	22.2	0.010 - 0.48	0.010		2.0
Tangerines	687	0			0.050		3
Tomato Paste	506	0			0.005 - 0.050		2
Winter Squash	<u>677</u>	<u>3</u>	0.4	0.005 - 0.013	0.005		2.0
<b>TOTAL</b>	<b>7,883</b>	<b>202</b>					
<b>Oxathiapiprolin (fungicide)</b>							
Apple Juice	724	0			0.003		0.10
Carrots	499	0			0.020		0.10
Eggplant	311	0			0.020		0.50
Green Beans	177	0			0.001		0.10
Orange Juice	499	0			0.001		0.06
Summer Squash	176	0			0.001 - 0.010		0.20
Tangerines	687	0			0.010		0.06
Tomato Paste	506	0			0.001 - 0.010		0.50
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.003	0.001		0.20
<b>TOTAL</b>	<b>4,256</b>	<b>1</b>					
<b>Oxycarboxin (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Oxydemeton methyl (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Cantaloupe	693	0			0.002		0.2
Carrots	499	0			0.005		NT
Collard Greens	514	0			0.002		NT
Eggplant	311	0			0.005		1.0
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		1.0
Sweet Bell Peppers	675	0			0.010		0.75
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.3
<b>TOTAL</b>	<b>5,465</b>	<b>0</b>					
<b>Oxydemeton methyl sulfone (metabolite of Oxydemeton methyl)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Cantaloupe	694	0			0.002		0.2
Carrots	499	0			0.005		NT
Collard Greens	514	0			0.002		NT
Eggplant	311	0			0.005		1.0
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.020		1.0
Sweet Bell Peppers	675	0			0.010		0.75
Tangerines	687	0			0.020		NT
Tomato Paste	506	0			0.001 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.3
<b>TOTAL</b>	<b>6,456</b>	<b>0</b>					
<b>Oxyfluorfen (herbicide)</b>							
Apple Juice	724	0			0.030		0.05
Bananas	703	0			0.030		0.05
Blueberries, Cultivated, Fresh	168	0			0.050		NT
Blueberries, Frozen	7	0			0.050		NT
Broccoli	675	2	0.3	0.004 - 0.005	0.001		0.05
Cantaloupe	694	0			0.050		NT
Carrots	499	0			0.040		NT
Cauliflower	692	0			0.001		0.05
Collard Greens	514	0			0.050		NT
Eggplant	661	0			0.001 - 0.040		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.040		0.05
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,610</b>	<b>2</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Paclobutrazol (plant growth regulator)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Parathion (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.003 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.060		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,183</b>	<b>0</b>					
<b>Parathion oxygen analog (metabolite of Parathion)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,436</b>	<b>0</b>					
<b>Parathion methyl (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.002		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.002		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.002 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,173</b>	<b>0</b>					
<b>Parathion methyl oxygen analog (metabolite of Parathion methyl)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		NT
Blueberries, Frozen	7	0			0.020		NT
Cantaloupe	694	0			0.020		NT
Carrots	499	0			0.025		NT
Collard Greens	514	0			0.020		NT
Eggplant	311	0			0.025		NT
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>4,102</b>	<b>0</b>					
<b>Pebulate (herbicide)</b>							
Radishes	689	0			0.005		NT
Sweet Bell Peppers	<u>675</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,364</b>	<b>0</b>					
<b>Penconazole (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Pencycuron (fungicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Pendimethalin (herbicide)</b>							
Apple Juice	724	0			0.010		0.1
Blueberries, Cultivated, Fresh	168	0			0.050		0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Frozen	7	0			0.050		0.1
Broccoli	675	23	3.4	0.002 - 0.014	0.001		0.1
Cantaloupe	693	0			0.050		0.10
Carrots	499	0			0.020		0.5
Cauliflower	692	2	0.3	0.002	0.001		0.1
Collard Greens	514	0			0.050		0.20
Eggplant	661	0			0.001 - 0.020		0.1
Green Beans	177	2	1.1	0.002 - 0.003	0.001		0.10
Kiwi Fruit	177	0			0.035		0.10
Orange Juice	499	0			0.001		0.1
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	1	0.1	0.006	0.005		0.1
Tangerines	687	0			0.005		0.1
Tomato Paste	506	0			0.001 - 0.005		0.1
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.001	0.001	V-1	NT
<b>TOTAL</b>	<b>8,896</b>	<b>29</b>					
<b>Penflufen (fungicide)</b>							
Green Beans	177	0			0.001		0.01
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001		NT
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,722</b>	<b>0</b>					
<b>Penoxsulam (herbicide)</b>							
Apple Juice	724	0			0.003		0.01
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,820</b>	<b>0</b>					
<b>Pentachloroaniline - PCA (metabolite of Quintozene)</b>							
Blueberries, Cultivated, Fresh	168	0			0.004		NT
Blueberries, Frozen	7	0			0.004		NT
Broccoli	675	3	0.4	0.002 - 0.004	0.001		0.1
Cantaloupe	694	3	0.4	0.004 - 0.006	0.004	V-3	NT
Carrots	499	8	1.6	0.006 - 0.018	0.005	V-8	NT
Cauliflower	692	0			0.001		0.1
Collard Greens	514	1	0.2	0.004	0.004		0.2
Eggplant	661	0			0.001 - 0.005		0.1
Green Beans	177	0			0.001		0.1
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	1	0.6	0.001	0.001 - 0.005	V-1	NT
Sweet Bell Peppers	675	1	0.1	0.007	0.005		0.1
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		0.1
Winter Squash	<u>677</u>	<u>6</u>	0.9	0.002 - 0.004	0.001	V-6	NT
<b>TOTAL</b>	<b>8,173</b>	<b>23</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Pentachlorobenzene - PCB (metabolite of Quintozene)</b>							
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Broccoli	675	0			0.003 - 0.010		0.1
Cantaloupe	694	0			0.005		NT
Carrots	499	2	0.4	0.005	0.002	V-2	NT
Cauliflower	692	0			0.003 - 0.020		0.1
Collard Greens	514	0			0.005		0.2
Eggplant	661	0			0.002 - 0.020		0.1
Green Beans	177	0			0.001		0.1
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.005		0.1
Tangerines	687	0			0.002		NT
Tomato Paste	506	0			0.001 - 0.002		0.1
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.002	0.001	V-1	NT
<b>TOTAL</b>	<b>8,173</b>	<b>3</b>					
<b>Pentachlorophenyl methyl sulfide - PCPMS (metabolite of Quintozene)</b>							
Broccoli	675	1	0.1	0.002	0.001		0.1
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.003		0.1
Green Beans	177	0			0.003		0.1
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.015		NT
Sweet Bell Peppers	675	0			0.005		0.1
Tangerines	687	0			0.015		NT
Tomato Paste	506	0			0.003 - 0.015		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,129</b>	<b>1</b>					
<b>Penthiopyrad (fungicide)</b>							
Apple Juice	724	1	0.1	0.002	0.001		0.50
Broccoli	675	7	1	0.004 - 0.47	0.001 - 0.003		5
Carrots	499	50	10	0.001 - 0.052	0.001		3.0
Cauliflower	692	1	0.1	0.004	0.001 - 0.006		5
Eggplant	661	40	6.1	0.001 - 0.050	0.001		3.0
Green Beans	177	19	10.7	0.002 - 0.33	0.001		4.0
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	2	0.3	0.011 - 0.037	0.010		3.0
Summer Squash	176	0			0.001		0.60
Sweet Bell Peppers	675	27	4	0.010 - 0.10	0.010		3.0
Tangerines	687	0			0.001		NT
Tomato Paste	506	29	5.7	0.001 - 0.010	0.001		3.5
Winter Squash	<u>677</u>	<u>10</u>	1.5	0.001 - 0.007	0.001		0.60
<b>TOTAL</b>	<b>7,514</b>	<b>186</b>					
<b>Permethrin Total (insecticide)</b>							
Green Beans	177	1	0.6	0.004	0.003	V-1	NT
Orange Juice	499	0			0.003		NT
Radishes	689	3	0.4	0.011 - 0.10	0.005	V-3	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	176	1	0.6	0.008	0.003 - 0.050		1.5
Sweet Bell Peppers	675	43	6.4	0.005 - 0.46	0.005		0.50
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.003 - 0.050		2.0
Winter Squash	<u>677</u>	<u>15</u>	2.2	0.003 - 0.033	0.003		1.5
<b>TOTAL</b>	<b>4,086</b>	<b>63</b>					
<b>Permethrin cis (isomer of Permethrin)</b>							
Apple Juice	724	0			0.010		0.05
Bananas	703	0			0.010		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	54	8	0.002 - 0.12	0.001		2.0
Cantaloupe	694	0			0.010		1.5
Carrots	499	0			0.010		NT
Cauliflower	692	3	0.4	0.002	0.001		0.5
Collard Greens	514	10	1.9	0.014 - 0.085	0.010		15
Eggplant	661	34	5.1	0.002 - 0.047	0.001 - 0.010		0.50
Kiwi Fruit	<u>177</u>	<u>0</u>			0.020		2.0
<b>TOTAL</b>	<b>5,514</b>	<b>101</b>					
<b>Permethrin trans (isomer of Permethrin)</b>							
Apple Juice	724	0			0.010		0.05
Bananas	703	0			0.010		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	44	6.5	0.002 - 0.13	0.001		2.0
Cantaloupe	694	0			0.010		1.5
Carrots	499	0			0.010		NT
Cauliflower	692	2	0.3	0.002	0.001		0.5
Collard Greens	514	10	1.9	0.014 - 0.082	0.010		15
Eggplant	661	37	5.6	0.002 - 0.069	0.001 - 0.010		0.50
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		2.0
<b>TOTAL</b>	<b>5,514</b>	<b>93</b>					
<b>Phenmedipham (herbicide)</b>							
Summer Squash	87	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>990</b>	<b>0</b>					
<b>Phenothrin (insecticide)</b>							
Apple Juice	724	0			0.010		0.01
Bananas	703	0			0.010		0.01
Blueberries, Cultivated, Fresh	168	0			0.050		0.01
Blueberries, Frozen	7	0			0.050		0.01
Broccoli	675	0			0.002		0.01
Cantaloupe	694	0			0.050		0.01
Carrots	499	0			0.075		0.01
Cauliflower	692	0			0.002		0.01
Collard Greens	514	0			0.050		0.01
Eggplant	661	0			0.002 - 0.075		0.01
Green Beans	177	0			0.005 - 0.010		0.01
Kiwi Fruit	177	0			0.15		0.01
Orange Juice	499	0			0.005		0.01
Radishes	689	0			0.005		0.01
Summer Squash	176	0			0.005 - 0.025		0.01



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	675	0			0.005		0.01
Tangerines	687	0			0.025		0.01
Tomato Paste	475	0			0.005 - 0.025		0.01
Winter Squash	<u>643</u>	<u>0</u>			0.005 - 0.010		0.01
<b>TOTAL</b>	<b>9,535</b>	<b>0</b>					
<b>Phenthoate (insecticide)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>o-Phenylphenol (fungicide)</b>							
Apple Juice	724	0			0.002		25
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Cantaloupe	694	26	3.7	0.010 - 0.27	0.005		10
Carrots	499	0			0.040		20
Collard Greens	514	0			0.005		NT
Eggplant	311	0			0.040		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	4	0.8	0.005 - 0.014	0.005		10
Tomato Paste	<u>290</u>	<u>0</u>			0.005		10
<b>TOTAL</b>	<b>3,883</b>	<b>30</b>					
<b>Phorate (insecticide)</b>							
Broccoli	675	0			0.003		NT
Carrots	499	0			0.085		NT
Cauliflower	672	0			0.001 - 0.006		NT
Eggplant	661	0			0.003 - 0.085		NT
Green Beans	177	0			0.003		0.05
Kiwi Fruit	177	0			0.17		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.030		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.030		NT
Tomato Paste	506	0			0.003 - 0.030		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,770</b>	<b>0</b>					
<b>Phorate oxygen analog (metabolite of Phorate)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.005		0.05
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Phorate oxygen analog sulfone (metabolite of Phorate)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,426</b>	<b>0</b>					
<b>Phorate oxygen analog sulfoxide (metabolite of Phorate)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,426</b>	<b>0</b>					
<b>Phorate sulfone (metabolite of Phorate)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.002		NT
Cantaloupe	573	0			0.010		NT
Carrots	499	0			0.030		NT
Cauliflower	692	0			0.002		NT
Collard Greens	241	0			0.010		NT
Eggplant	661	0			0.002 - 0.030		NT
Green Beans	177	0			0.003		0.05
Kiwi Fruit	177	0			0.030		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.025		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.050		NT
Tomato Paste	506	0			0.003 - 0.050		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>7,779</b>	<b>0</b>					
<b>Phorate sulfoxide (metabolite of Phorate)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.001		NT
Cantaloupe	693	0			0.010		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.001 - 0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,172</b>	<b>0</b>					
<b>Phosalone (insecticide)</b>							
Apple Juice	724	0			0.003		NT
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	0			0.005		NT
Cantaloupe	694	0			0.001		NT
Carrots	499	0			0.015		NT
Cauliflower	692	0			0.002 - 0.005		NT
Collard Greens	514	0			0.001		NT
Eggplant	661	0			0.002 - 0.015		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>7,907</b>	<b>0</b>					
<b>Phosmet (insecticide)</b>							
Apple Juice	724	1	0.1	0.008	0.005		10
Bananas	703	0			0.005		NT
Blueberries, Cultivated, Fresh	168	0			0.010		10
Blueberries, Frozen	7	3	42.9	0.015 - 0.035	0.010		10
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.025		NT
Collard Greens	514	0			0.010		NT
Eggplant	536	0			0.005 - 0.025		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.025		25
Orange Juice	499	0			0.001		5
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	657	0			0.020		5
Tomato Paste	506	0			0.001 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,991</b>	<b>4</b>					
<b>Phosmet oxygen analog (metabolite of Phosmet)</b>							
Apple Juice	724	0			0.005		10
Bananas	703	0			0.005		NT
Blueberries, Cultivated, Fresh	168	0			0.004		10
Blueberries, Frozen	7	2	28.6	0.008 - 0.020	0.004		10
Cantaloupe	694	0			0.004		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Carrots	499	0			0.010		NT
Collard Greens	514	0			0.004		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		25
Orange Juice	499	0			0.001		5
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		5
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,519</b>	<b>2</b>					
<b>Phosphamidon (insecticide)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001 - 0.003		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>4,813</b>	<b>0</b>					
<b>Phoxim (insecticide)</b>							
Carrots	499	0			0.025		NT
Eggplant	311	0			0.025		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Picolinafen (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Picoxystrobin (fungicide)</b>							
Broccoli	657	0			0.001 - 0.006		2.0
Carrots	499	0			0.001		0.50
Cauliflower	600	0			0.001 - 0.006		2.0
Eggplant	661	0			0.001		0.70
Green Beans	177	0			0.005		2.0
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.005		NT
Summer Squash	176	0			0.005		0.30
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005		0.70
Winter Squash	<u>677</u>	<u>0</u>			0.005		0.30
<b>TOTAL</b>	<b>5,316</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Pinoxaden (herbicide)</b>							
Green Beans	177	0			0.020		NT
Orange Juice	499	0			0.020		NT
Summer Squash	89	0			0.020		NT
Tomato Paste	290	0			0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.020		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Piperonyl butoxide (insecticide)</b>							
Apple Juice	724	0			0.004		10
Bananas	703	0			0.004		10
Blueberries, Cultivated, Fresh	168	0			0.005		10
Blueberries, Frozen	7	0			0.005		10
Broccoli	675	1	0.1	0.003	0.002		10
Cantaloupe	694	0			0.005		10
Carrots	499	0			0.015		10
Cauliflower	692	0			0.002		10
Collard Greens	514	0			0.005		10
Eggplant	661	3	0.5	0.003 - 0.025	0.002 - 0.015		10
Green Beans	177	0			0.003		10
Kiwi Fruit	177	0			0.015		10
Orange Juice	499	0			0.003		10
Radishes	689	0			0.005		10
Summer Squash	176	0			0.003 - 0.025		10
Sweet Bell Peppers	675	12	1.8	0.006 - 0.087	0.005		10
Tangerines	687	0			0.025		10
Tomato Paste	506	0			0.003 - 0.025		10
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.009	0.003		10
<b>TOTAL</b>	<b>9,600</b>	<b>17</b>					
<b>Pirimicarb (insecticide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Pirimicarb desmethyl (metabolite of Pirimicarb)</b>							
Carrots	499	0			0.001		NT
Eggplant	311	0			0.001		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Pirimiphos ethyl (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Pirimiphos methyl (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	1	0.1	0.008	0.001	V-1	NT
Cantaloupe	694	0			0.001		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,183</b>	<b>1</b>					
<b>Prallethrin (insecticide)</b>							
Apple Juice	724	0			0.008		1.0
Bananas	703	0			0.008		1.0
Blueberries, Cultivated, Fresh	168	0			0.008		1.0
Blueberries, Frozen	7	0			0.008		1.0
Cantaloupe	694	0			0.008		1.0
Carrots	499	0			0.045		1.0
Collard Greens	514	0			0.008		1.0
Eggplant	311	0			0.045		1.0
Green Beans	177	0			0.020		1.0
Kiwi Fruit	177	0			0.10		1.0
Orange Juice	499	0			0.020		1.0
Radishes	689	0			0.010		1.0
Summer Squash	89	0			0.020		1.0
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.030		1.0
Tomato Paste	506	0			0.020 - 0.030		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.020		1.0
<b>TOTAL</b>	<b>7,796</b>	<b>0</b>					
<b>Pretilachlor (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Primisulfuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Prochloraz (fungicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Procymidone (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>5,466</b>	<b>0</b>					
<b>Prodiamine (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Profenofos (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.075		NT
Blueberries, Frozen	7	0			0.075		NT
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.075		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.075		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	1	0.6	0.003	0.001	V-1	NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,173</b>	<b>1</b>					
<b>Profthuralin (herbicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Profoxydim (herbicide)</b>							
Green Beans	127	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	34	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>615</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,565</b>	<b>0</b>					
<b>Promecarb (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Prometon (herbicide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>2,704</b>	<b>0</b>					
<b>Prometryn (herbicide)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	1	0.2	0.023	0.010		0.45
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,436</b>	<b>1</b>					
<b>Pronamide (herbicide)</b>							
Apple Juice	724	0			0.004		0.1
Blueberries, Cultivated, Fresh	168	0			0.002		0.05
Blueberries, Frozen	7	0			0.002		0.05
Broccoli	675	9	1.3	0.002 - 0.012	0.001 - 0.003	V-9	NT
Cantaloupe	694	3	0.4	0.003 - 0.005	0.002	V-3	NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	514	14	2.7	0.002 - 0.020	0.002	V-14	NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,897</b>	<b>26</b>					
<b>Propachlor (herbicide)</b>							
Broccoli	675	0			0.001 - 0.003		NT
Cauliflower	692	0			0.001		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>Propamocarb (fungicide)</b>							
Green Beans	177	7	4	0.002 - 0.060	0.001	V-7	NT
Orange Juice	499	0			0.001		NT
Radishes	689	2	0.3	0.16 - 0.58	0.010	V-2	NT
Summer Squash	89	11	12.4	0.002 - 0.18	0.001		1.5
Sweet Bell Peppers	675	49	7.3	0.010 - 0.36	0.010		4
Tomato Paste	290	0			0.001		5.0
Winter Squash	<u>677</u>	<u>62</u>	9.2	0.001 - 0.34	0.001		1.5
<b>TOTAL</b>	<b>3,096</b>	<b>131</b>					
<b>Propamocarb hydrochloride <sup>4</sup> (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT
Cantaloupe	694	57	8.2	0.002 - 0.014	0.002		1.5
Carrots	499	0			0.005		NT
Collard Greens	514	3	0.6	0.006 - 0.054	0.002	V-3	NT
Eggplant	311	16	5.1	0.006 - 0.38	0.005		4
Kiwi Fruit	177	0			0.005		NT
Summer Squash	87	5	5.7	0.001 - 0.032	0.001		1.5
Tangerines	687	0			0.001		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.001		5.0
<b>TOTAL</b>	<b>3,360</b>	<b>81</b>					
<b>Propanil (herbicide)</b>							
Green Beans	177	0			0.001 - 0.003		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001 - 0.003		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Propaquizafop (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Propargite (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.050		NT
Blueberries, Frozen	7	0			0.050		NT
Broccoli	675	0			0.006		NT
Cantaloupe	694	0			0.050		NT
Carrots	499	0			0.040		NT
Cauliflower	692	0			0.006		NT
Collard Greens	514	1	0.2	0.099	0.050	V-1	NT
Eggplant	661	0			0.006 - 0.040		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.001		10.0
Radishes	689	0			0.020		NT
Summer Squash	176	0			0.001 - 0.025		NT
Sweet Bell Peppers	656	0			0.020		NT
Tangerines	687	0			0.025		NT
Tomato Paste	506	2	0.4	0.002	0.001 - 0.025	V-2	NT
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.002	0.001	V-1	NT
<b>TOTAL</b>	<b>8,154</b>	<b>4</b>					
<b>Propazine (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Propetamphos (insecticide)</b>							
Bananas	703	0			0.010		NT
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.001 - 0.003		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.001 - 0.003		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.001 - 0.020		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>8,789</b>	<b>0</b>					
<b>Propham (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Propiconazole (fungicide)</b>							
Bananas	703	0			0.003		0.2
Blueberries, Cultivated, Fresh	168	0			0.010		1.3
Blueberries, Frozen	7	0			0.010		1.3
Broccoli	675	0			0.005 - 0.015		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	6	1.2	0.023 - 0.032	0.020		0.3
Cauliflower	692	0			0.005		NT
Collard Greens	514	1	0.2	0.063	0.010		20
Eggplant	661	0			0.005 - 0.020		NT
Green Beans	177	0			0.001		0.70
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	2	0.4	0.001 - 0.005	0.001		8.0
Radishes	689	0			0.010		0.3
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	57	8.3	0.005 - 0.066	0.005		8.0
Tomato Paste	506	0			0.001 - 0.005		3.0
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,876</b>	<b>66</b>					
<b>Propoxycarbazone (herbicide)</b>							
Orange Juice	499	0			0.005		NT
Tomato Paste	<u>290</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>789</b>	<b>0</b>					
<b>Proquinazid (fungicide)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Prosulfuron (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,709</b>	<b>0</b>					
<b>Prothioconazole (fungicide)</b>							
Kiwi Fruit	177	0			0.10		NT
Summer Squash	57	0			0.10		0.30
Tangerines	687	0			0.10		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.10		NT
<b>TOTAL</b>	<b>1,137</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Prothioconazole desthio (metabolite of Prothioconazole)</b>							
Green Beans	177	0			0.001		NT
Summer Squash	89	0			0.001		0.30
Winter Squash	<u>62</u>	<u>0</u>			0.001		0.30
<b>TOTAL</b>	<b>328</b>	<b>0</b>					
<b>Prothiofos (insecticide)</b>							
Carrots	499	0			0.040		NT
Eggplant	311	0			0.040		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	648	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,056</b>	<b>0</b>					
<b>Pydiflumetofen (fungicide)</b>							
Apple Juice	724	0			0.002		0.2
Carrots	499	0			0.010		0.5
Eggplant	311	0			0.010		0.60
Green Beans	177	0			0.001		1
Orange Juice	499	0			0.001		1
Summer Squash	176	11	6.2	0.001 - 0.016	0.001 - 0.005		0.50
Tangerines	687	0			0.005		1
Tomato Paste	506	0			0.001 - 0.005		0.60
Winter Squash	<u>677</u>	<u>17</u>	2.5	0.002 - 0.14	0.001		0.50
<b>TOTAL</b>	<b>4,256</b>	<b>28</b>					
<b>Pymetrozine (insecticide)</b>							
Broccoli	675	0			0.005		0.5
Carrots	499	0			0.085		NT
Cauliflower	692	0			0.005		0.5
Eggplant	661	1	0.2	0.005	0.005 - 0.085		0.2
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.085		NT
Orange Juice	499	0			0.001		NT
Radishes	669	0			0.010		NT
Summer Squash	89	0			0.001		0.1
Sweet Bell Peppers	675	0			0.010		0.2
Tomato Paste	290	0			0.001		0.2
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.1
<b>TOTAL</b>	<b>5,780</b>	<b>1</b>					
<b>Pyraclofos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Pyraclostrobin (fungicide)</b>							
Apple Juice	724	2	0.3	0.005	0.003		1.5
Bananas	703	0			0.003		0.04

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Cultivated, Fresh	168	44	26.2	0.004 - 0.35	0.003		4.0
Blueberries, Frozen	7	1	14.3	0.026	0.003		4.0
Broccoli	675	66	9.8	0.002 - 0.34	0.001 - 0.003		5.0
Cantaloupe	694	0			0.003		0.5
Carrots	499	59	11.8	0.005 - 0.025	0.005		0.4
Cauliflower	692	0			0.001		5.0
Collard Greens	514	107	20.8	0.004 - 2.4	0.003		16
Eggplant	661	26	3.9	0.002 - 0.041	0.001 - 0.005		1.4
Green Beans	177	30	16.9	0.002 - 0.17	0.001		0.5
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		2.0
Radishes	689	58	8.4	0.003 - 0.17	0.003		0.4
Summer Squash	176	19	10.8	0.001 - 0.025	0.001		0.5
Sweet Bell Peppers	675	167	24.7	0.003 - 0.46	0.003		1.4
Tangerines	687	7	1	0.001 - 0.007	0.001		2.0
Tomato Paste	506	0			0.001		1.4
Winter Squash	<u>677</u>	<u>46</u>	6.8	0.001 - 0.010	0.001		0.5
<b>TOTAL</b>	<b>9,600</b>	<b>632</b>					
<b>Pyraflufen ethyl (herbicide)</b>							
Apple Juice	724	0			0.002		0.01
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.030		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.030		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.030		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,826</b>	<b>0</b>					
<b>Pyrazon (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Pyrazophos (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Pyrethrins (insecticide)</b>							
Carrots	499	0			0.20		1.0
Eggplant	311	0			0.20		1.0
Green Beans	177	0			0.005		1.0
Kiwi Fruit	177	0			0.20		1.0
Summer Squash	89	0			0.005		1.0
Winter Squash	<u>62</u>	<u>0</u>			0.005		1.0
<b>TOTAL</b>	<b>1,315</b>	<b>0</b>					
<b>Pyridaben (insecticide, acaricide)</b>							
Apple Juice	724	0			0.001		0.75
Blueberries, Cultivated, Fresh	168	0			0.005		2.5
Blueberries, Frozen	7	0			0.005		2.5
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.001		NT
Collard Greens	514	0			0.005		NT
Eggplant	311	0			0.001		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.001		NT
Orange Juice	499	0			0.001		0.9
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	1	0.1	0.005	0.005		0.9
Tomato Paste	506	0			0.001 - 0.005		0.15
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,180</b>	<b>1</b>					
<b>Pyridalyl (insecticide)</b>							
Carrots	499	0			0.020		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,398</b>	<b>0</b>					
<b>Pyridaphenthion (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Pyrifluquinazon (insecticide)</b>							
Apple Juice	724	0			0.001		0.07
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		0.70
Summer Squash	176	0			0.001 - 0.005		0.07
Tangerines	687	0			0.005		0.70
Tomato Paste	506	0			0.001 - 0.005		0.30
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.07
<b>TOTAL</b>	<b>3,446</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Pyrimethanil (fungicide)</b>							
Apple Juice	724	195	26.9	0.003 - 2.5	0.002		15
Bananas	703	13	1.8	0.003	0.002		0.10
Blueberries, Cultivated, Fresh	168	8	4.8	0.060 - 0.95	0.050		8.0
Blueberries, Frozen	7	1	14.3	0.14	0.050		8.0
Broccoli	675	4	0.6	0.002 - 0.63	0.001	V-4	NT
Cantaloupe	694	0			0.050		NT
Carrots	499	10	2	0.005 - 0.035	0.005	V-10	NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.050		NT
Eggplant	661	4	0.6	0.002 - 0.007	0.001 - 0.005	V-4	NT
Green Beans	177	1	0.6	0.009	0.005	V-1	NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	2	0.4	0.006 - 0.008	0.005		10
Radishes	689	1	0.1	0.12	0.003	V-1	NT
Summer Squash	176	0			0.005		NT
Sweet Bell Peppers	675	0			0.003		NT
Tangerines	687	118	17.2	0.005 - 0.50	0.005		10
Tomato Paste	506	0			0.005		0.50
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>9,600</b>	<b>357</b>					
<b>Pyriofenone (fungicide)</b>							
Green Beans	177	0			0.001		NT
Summer Squash	176	0			0.001 - 0.005		0.30
Winter Squash	<u>62</u>	<u>0</u>			0.001		0.30
<b>TOTAL</b>	<b>415</b>	<b>0</b>					
<b>Pyriproxyfen (insecticide, growth regulator)</b>							
Apple Juice	724	0			0.005		0.20
Bananas	703	11	1.6	0.008	0.005		0.20
Blueberries, Cultivated, Fresh	168	0			0.001		1.0
Blueberries, Frozen	7	0			0.001		1.0
Broccoli	675	0			0.001 - 0.002		0.70
Cantaloupe	694	0			0.001		0.10
Carrots	499	0			0.005		0.15
Cauliflower	692	0			0.001 - 0.002		0.70
Collard Greens	514	0			0.001		2.0
Eggplant	661	9	1.4	0.002 - 0.021	0.001 - 0.005		0.80
Green Beans	177	5	2.8	0.002 - 0.060	0.001		0.20
Kiwi Fruit	177	0			0.005		0.35
Orange Juice	499	0			0.001		0.50
Radishes	689	0			0.005		0.15
Summer Squash	176	0			0.001		0.10
Sweet Bell Peppers	675	21	3.1	0.005 - 0.038	0.005		0.80
Tangerines	687	7	1	0.001 - 0.003	0.001		0.50
Tomato Paste	506	0			0.001		0.80
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.10
<b>TOTAL</b>	<b>9,600</b>	<b>53</b>					
<b>Pyroxasulfone (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Pyroxsulam (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Quinalphos (insecticide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Quinoxyfen (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.020		1.0
Blueberries, Frozen	7	0			0.020		1.0
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.020		0.08
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.020		NT
Eggplant	661	1	0.2	0.009	0.001 - 0.005		1.7
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	3	1.7	0.001 - 0.006	0.001	V-3	NT
Sweet Bell Peppers	675	10	1.5	0.010 - 0.032	0.010		1.7
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		1.7
Winter Squash	<u>677</u>	<u>6</u>	0.9	0.001 - 0.017	0.001		0.20
<b>TOTAL</b>	<b>8,173</b>	<b>20</b>					
<b>Quintozene - PCNB (fungicide) (parent of HCB, PCA, PCB and PCPMS)</b>							
Broccoli	675	1	0.1	0.002	0.001		0.1
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		0.1
Eggplant	661	0			0.003 - 0.010		0.1
Green Beans	177	0			0.001		0.1
Kiwi Fruit	177	0			0.025		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		0.1
Tangerines	687	0			0.005		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.001 - 0.005		0.1
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,790</b>	<b>1</b>					
<b>Quizalofop ethyl (herbicide)</b>							
Green Beans	177	0			0.001		0.25
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.025		NT
Tangerines	687	0			0.025		NT
Tomato Paste	506	0			0.001 - 0.025		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,722</b>	<b>0</b>					
<b>Resmethrin (insecticide)</b>							
Apple Juice	724	0			0.010		3.0
Bananas	703	0			0.010		3.0
Carrots	499	0			0.030		3.0
Eggplant	311	0			0.030		3.0
Green Beans	177	0			0.003		3.0
Kiwi Fruit	177	0			0.030		3.0
Orange Juice	499	0			0.003		3.0
Radishes	689	0			0.020		3.0
Summer Squash	89	0			0.003		3.0
Sweet Bell Peppers	656	0			0.020		3.0
Tangerines	687	0			0.050		3.0
Tomato Paste	506	0			0.003 - 0.050		3.0
Winter Squash	<u>645</u>	<u>0</u>			0.003		3.0
<b>TOTAL</b>	<b>6,362</b>	<b>0</b>					
<b>Resmethrin trans (isomer of Resmethrin)</b>							
Blueberries, Cultivated, Fresh	168	0			0.050		3.0
Blueberries, Frozen	7	0			0.050		3.0
Broccoli	675	0			0.002 - 0.003		3.0
Cantaloupe	694	0			0.050		3.0
Collard Greens	514	0			0.050		3.0
Eggplant	<u>350</u>	<u>0</u>			0.001 - 0.002		3.0
<b>TOTAL</b>	<b>2,408</b>	<b>0</b>					
<b>Rimsulfuron (herbicide)</b>							
Apple Juice	724	0			0.005		0.01
Green Beans	127	0			0.003		NT
Orange Juice	499	0			0.003		0.01
Radishes	689	0			0.010		NT
Summer Squash	121	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.010		0.01
Tomato Paste	506	0			0.003 - 0.010		0.05
Winter Squash	<u>615</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,643</b>	<b>0</b>					
<b>Rotenone (insecticide)</b>							
Green Beans	177	0			0.003		EX4
Orange Juice	499	0			0.003		EX4
Summer Squash	89	0			0.003		EX4
Tomato Paste	290	0			0.003		EX4
Winter Squash	<u>677</u>	<u>0</u>			0.003		EX4
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Saflufenacil (herbicide)</b>							
Apple Juice	724	0			0.005		0.03
Bananas	703	0			0.005		0.03
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Collard Greens	514	0			0.010		NT
Green Beans	177	0			0.003		0.03
Orange Juice	499	0			0.003		0.03
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.020		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.020		0.03
Tomato Paste	506	0			0.003 - 0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>6,896</b>	<b>0</b>					
<b>S-Bioallethrin (insecticide)</b>							
Green Beans	50	0			0.010		NT
Summer Squash	55	0			0.010		NT
Winter Squash	<u>62</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>167</b>	<b>0</b>					
<b>Sedaxane (fungicide)</b>							
Carrots	499	0			0.050		NT
Eggplant	311	0			0.050		NT
Green Beans	177	0			0.005		0.01
Kiwi Fruit	177	0			0.050		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Sethoxydim (herbicide)</b>							
Apple Juice	724	0			0.001		0.2
Blueberries, Cultivated, Fresh	168	0			0.003		4.0
Blueberries, Frozen	7	0			0.003		4.0
Cantaloupe	694	1	0.1	0.003	0.003		4.0
Carrots	499	0			0.010		4.0
Collard Greens	514	0			0.003		5.0
Eggplant	311	0			0.010		4.0
Green Beans	177	0			0.003		15
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		0.5
Summer Squash	176	0			0.003 - 0.005		4.0
Tangerines	687	0			0.005		0.5
Tomato Paste	506	0			0.003 - 0.005		4.0
Winter Squash	<u>677</u>	<u>0</u>			0.003		4.0
<b>TOTAL</b>	<b>5,816</b>	<b>1</b>					
<b>Sethoxydim sulfoxide (herbicide metabolite)</b>							
Apple Juice	<u>724</u>	<u>0</u>			0.004		0.2
<b>TOTAL</b>	<b>724</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Siduron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Simazine (herbicide)</b>							
Apple Juice	724	0			0.002		0.20
Blueberries, Cultivated, Fresh	168	0			0.005		0.20
Blueberries, Frozen	7	0			0.005		0.20
Broccoli	675	0			0.001 - 0.003		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001 - 0.006		NT
Collard Greens	514	0			0.005		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		0.25
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	1	0.1	0.006	0.005	V-1	NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,533</b>	<b>1</b>					
<b>Simeconazole (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Simetryn (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Spinetoram (insecticide)</b>							
Apple Juice	724	0			0.010		0.20
Bananas	703	0			0.010		0.25
Blueberries, Cultivated, Fresh	168	7	4.2	0.004 - 0.016	0.003		0.90
Blueberries, Frozen	7	0			0.003		0.90
Broccoli	675	8	1.2	0.004 - 0.030	0.003		2.0
Cantaloupe	694	0			0.003		0.30
Carrots	499	0			0.010		0.10
Cauliflower	692	2	0.3	0.002 - 0.005	0.001 - 0.003		2.0
Collard Greens	498	51	10.2	0.004 - 0.20	0.003		10
Eggplant	661	2	0.3	0.002	0.001 - 0.010		0.40
Green Beans	177	0			0.010		0.30

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.010		0.30
Radishes	689	2	0.3	0.012 - 0.014	0.010		0.10
Summer Squash	89	0			0.010		0.30
Sweet Bell Peppers	675	2	0.3	0.011 - 0.030	0.010		0.40
Tangerines	687	0			0.005		0.30
Tomato Paste	506	0			0.005 - 0.010		0.40
Winter Squash	677	0			0.010		0.30
<b>TOTAL</b>	<b>9,497</b>	<b>74</b>					
<b>Spinetoram J (metabolite of Spinetoram)</b>							
Summer Squash	87	0			0.005		0.30
<b>TOTAL</b>	<b>87</b>	<b>0</b>					
<b>Spinetoram L (metabolite of Spinetoram)</b>							
Summer Squash	87	0			0.005		0.30
<b>TOTAL</b>	<b>87</b>	<b>0</b>					
<b>Spinosad (insecticide) (total of spinosyns A and D)</b>							
Apple Juice	724	0			0.005		0.20
Bananas	703	0			0.005		0.25
Broccoli	675	11	1.6	0.004 - 0.028	0.003		2.0
Carrots	499	0			0.010		0.10
Cauliflower	692	0			0.003		2.0
Eggplant	661	0			0.003 - 0.010		0.40
Green Beans	177	1	0.6	0.006	0.003		0.30
Kiwi Fruit	177	0			0.010		0.02
Orange Juice	499	0			0.003		0.30
Radishes	689	1	0.1	0.006	0.004		0.10
Summer Squash	89	0			0.003		0.3
Sweet Bell Peppers	662	7	1.1	0.005 - 0.071	0.004		0.40
Tomato Paste	290	0			0.003		0.40
Winter Squash	677	0			0.003		0.3
<b>TOTAL</b>	<b>7,214</b>	<b>20</b>					
<b>Spinosad A (isomer of Spinosad)</b>							
Blueberries, Cultivated, Fresh	168	11	6.5	0.004 - 0.044	0.003		0.90
Blueberries, Frozen	7	0			0.003		0.90
Cantaloupe	694	0			0.003		0.3
Collard Greens	514	6	1.2	0.006 - 0.023	0.003		10.0
Summer Squash	87	0			0.002		0.3
Tangerines	687	0			0.002		0.30
Tomato Paste	216	0			0.002		0.40
<b>TOTAL</b>	<b>2,373</b>	<b>17</b>					
<b>Spinosad D (isomer of Spinosad)</b>							
Summer Squash	87	0			0.002		0.3
Tangerines	687	0			0.002		0.30
Tomato Paste	216	0			0.002		0.40
<b>TOTAL</b>	<b>990</b>	<b>0</b>					
<b>Spirodiclofen (acaricide)</b>							
Apple Juice	724	0			0.004		0.80
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	655	1	0.2	0.010	0.006	V-1	NT
Cantaloupe	694	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Carrots	499	0			0.010		NT
Cauliflower	692	1	0.1	0.010	0.006	V-1	NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.006 - 0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		0.60
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.005		0.50
Tomato Paste	506	0			0.003 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>8,877</b>	<b>2</b>					
<b>Spiromesifen Total (parent + enol metabolite) (insecticide)</b>							
Broccoli	547	0			0.002		2.0
Cauliflower	692	0			0.002		2.0
Eggplant	<u>350</u>	<u>2</u>	0.6	0.004	0.002		0.45
<b>TOTAL</b>	<b>1,589</b>	<b>2</b>					
<b>Spiromesifen (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		2.0
Blueberries, Frozen	7	0			0.010		2.0
Cantaloupe	662	0			0.010		0.10
Carrots	499	0			0.020		NT
Collard Greens	482	0			0.010		12
Eggplant	311	0			0.020		0.45
Green Beans	177	0			0.003		0.80
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.002		NT
Summer Squash	176	0			0.003 - 0.010		0.10
Sweet Bell Peppers	675	85	12.6	0.002 - 0.21	0.002		0.45
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		0.80
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.10
<b>TOTAL</b>	<b>6,392</b>	<b>85</b>					
<b>Spiromesifen alcohol (metabolite of Spiromesifen)</b>							
Green Beans	177	0			0.001		0.80
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		0.10
Tomato Paste	290	0			0.001		0.80
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.10
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Spiromesifen enol <sup>5</sup> (metabolite of Spiromesifen)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		0.45
Kiwi Fruit	<u>177</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>987</b>	<b>0</b>					
<b>Spirotetramat (insecticide)</b>							
Apple Juice	724	0			0.003		0.70
Bananas	703	0			0.003		4.0
Blueberries, Cultivated, Fresh	168	13	7.7	0.005 - 0.47	0.002		3.0
Blueberries, Frozen	7	0			0.002		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	7	1	0.003 - 0.007	0.002 - 0.005		2.5
Cantaloupe	694	0			0.002		0.30
Carrots	499	0			0.005		0.15
Cauliflower	692	0			0.002 - 0.010		2.5
Collard Greens	514	13	2.5	0.002 - 0.16	0.002		8.0
Eggplant	661	1	0.2	0.003	0.002 - 0.005		2.5
Green Beans	177	0			0.001		2.5
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.60
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.002		0.30
Sweet Bell Peppers	675	1	0.1	0.011	0.010		2.5
Tangerines	687	1	0.1	0.002	0.002		0.60
Tomato Paste	506	0			0.001 - 0.002		2.5
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.30
<b>TOTAL</b>	<b>9,600</b>	<b>36</b>					
<b>Spiroxamine (fungicide)</b>							
Bananas	703	0			0.001		3.0
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.005		NT
Collard Greens	489	0			0.010		NT
Eggplant	311	0			0.005		1.2
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.002		NT
Sweet Bell Peppers	675	0			0.010		1.2
Tangerines	544	0			0.002		NT
Tomato Paste	506	0			0.001 - 0.002		1.2
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>6,991</b>	<b>0</b>					
<b>Sulfallate (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Sulfentrazone (herbicide)</b>							
Carrots	499	0			0.035		NT
Eggplant	311	0			0.035		0.15
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.035		0.15
Orange Juice	499	0			0.003		0.15
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.003 - 0.025		NT
Sweet Bell Peppers	675	0			0.005		0.15
Tangerines	687	0			0.050		0.15
Tomato Paste	506	0			0.003 - 0.050		0.15
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,073</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Sulfometuron methyl (herbicide)</b>							
Green Beans	177	0			0.010		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Sulfosulfuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Sulfoxaflor (insecticide)</b>							
Apple Juice	724	0			0.01		0.50
Carrots	499	0			0.10		0.05
Cauliflower	692	1	0.1	0.005	0.004		0.08
Eggplant	661	14	2.1	0.002 - 0.094	0.001 - 0.10		0.70
Green Beans	177	8	4.5	0.003 - 0.036	0.003		4.0
Orange Juice	499	0			0.003		0.70
Summer Squash	176	1	0.6	0.003	0.003 - 0.050		0.40
Tangerines	687	0			0.15		0.70
Tomato Paste	506	0			0.003 - 0.15		2.60
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.011	0.003		0.40
<b>TOTAL</b>	<b>5,298</b>	<b>25</b>					
<b>Sulprofos (insecticide)</b>							
Broccoli	675	0			0.002		NT
Cauliflower	692	0			0.002		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>TCMTB (fungicide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.010 - 0.020		NT
Orange Juice	499	0			0.005		NT
Summer Squash	148	0			0.005 - 0.10		NT
Tangerines	687	0			0.10		NT
Tomato Paste	506	0			0.005 - 0.10		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>3,681</b>	<b>0</b>					
<b>Tebuconazole (fungicide)</b>							
Apple Juice	724	0			0.004		1
Bananas	703	0			0.004		0.05
Blueberries, Cultivated, Fresh	168	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	1	0.1	0.003	0.001	V-1	NT
Cantaloupe	694	0			0.010		0.4
Carrots	499	1	0.2	0.023	0.015	V-1	NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	12	2.3	0.013 - 1.9	0.010		2.5
Eggplant	661	10	1.5	0.002 - 0.078	0.001 - 0.015		1.3
Green Beans	177	11	6.2	0.003 - 0.054	0.001		0.1
Kiwi Fruit	177	0			0.015		NT
Orange Juice	499	0			0.001		1.0
Radishes	689	0			0.005		NT
Summer Squash	176	3	1.7	0.008 - 0.009	0.001 - 0.005		0.4
Sweet Bell Peppers	675	25	3.7	0.005 - 0.24	0.005		1.3
Tangerines	687	2	0.3	0.005	0.005	V-2	NT
Tomato Paste	506	0			0.001 - 0.005		1.3
Winter Squash	<u>677</u>	<u>50</u>	7.4	0.001 - 0.016	0.001		0.4
<b>TOTAL</b>	<b>9,600</b>	<b>115</b>					
<b>Tebufenozide (insecticide)</b>							
Apple Juice	724	0			0.001		1.5
Blueberries, Cultivated, Fresh	168	0			0.002		3.0
Blueberries, Frozen	7	0			0.002		3.0
Broccoli	611	0			0.005 - 0.010		5.0
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.005		NT
Cauliflower	625	0			0.002 - 0.010		5.0
Collard Greens	514	0			0.002		10.0
Eggplant	648	0			0.002 - 0.010		1.0
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.005		0.5
Orange Juice	499	0			0.005		2.0
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.005		NT
Sweet Bell Peppers	675	8	1.2	0.007 - 0.038	0.005		1.0
Tangerines	687	0			0.010		2.0
Tomato Paste	506	0			0.005 - 0.010		1.0
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>8,753</b>	<b>8</b>					
<b>Tebufenpyrad (insecticide, acaricide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Tebupirimfos (insecticide)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.001		NT



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>3,449</b>	<b>0</b>					
<b>Tebutam (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Tebuthiuron (herbicide)</b>							
Broccoli	648	0			0.001 - 0.006		NT
Carrots	499	0			0.010		NT
Cauliflower	670	0			0.003 - 0.006		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,210</b>	<b>0</b>					
<b>Tecnazene (plant growth regulator)</b>							
Broccoli	675	0			0.001		NT
Cauliflower	692	0			0.001		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,813</b>	<b>0</b>					
<b>Teflubenzuron (insecticide)</b>							
Apple Juice	724	0			0.006		1.0
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.005		0.60
Summer Squash	89	0			0.005		NT
Tangerines	687	0			0.050		NT
Tomato Paste	475	0			0.005 - 0.050		1.5
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>4,315</b>	<b>0</b>					
<b>Tefluthrin (insecticide)</b>							
Apple Juice	724	0			0.001		NT
Bananas	703	0			0.001		NT
Blueberries, Cultivated, Fresh	168	0			0.002		NT
Blueberries, Frozen	7	0			0.002		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.002		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.002		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001 - 0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001 - 0.003		NT
<b>TOTAL</b>	<b>9,600</b>	<b>0</b>					
<b>Temephos (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Tepraloxymid (herbicide)</b>							
Green Beans	177	0			0.01		NT
Orange Juice	499	0			0.01		NT
Summer Squash	89	0			0.01		NT
Tangerines	687	0			0.01		NT
Tomato Paste	506	0			0.01		NT
Winter Squash	<u>677</u>	<u>0</u>			0.01		NT
<b>TOTAL</b>	<b>2,635</b>	<b>0</b>					
<b>Terbacil (herbicide)</b>							
Apple Juice	724	0			0.004		0.3
Blueberries, Cultivated, Fresh	168	0			0.010		0.2
Blueberries, Frozen	7	0			0.010		0.2
Broccoli	675	0			0.003		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.003		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.003 - 0.020		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.008		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.008		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,907</b>	<b>0</b>					
<b>Terbufos (insecticide)</b>							
Bananas	703	0			0.005		0.025
Carrots	499	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	0			0.001 - 0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,412</b>	<b>0</b>					
<b>Terbufos oxygen analog (metabolite of Terbufos)</b>							
Bananas	703	0			0.006		0.025
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Kiwi Fruit	177	0			0.005		NT
Summer Squash	87	0			0.001		NT
Tangerines	687	0			0.005		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>2,680</b>	<b>0</b>					
<b>Terbufos oxygen analog sulfone (metabolite of Terbufos)</b>							
Bananas	703	0			0.006		0.025
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	127	0			0.010		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.010		NT
Summer Squash	121	0			0.005 - 0.010		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.005 - 0.010		NT
Winter Squash	<u>615</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>4,245</b>	<b>0</b>					
<b>Terbufos oxygen analog sulfoxide (metabolite of Terbufos)</b>							
Bananas	703	0			0.006		0.025
Summer Squash	87	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,693</b>	<b>0</b>					
<b>Terbufos sulfone (metabolite of Terbufos)</b>							
Bananas	703	0			0.010		0.025
Broccoli	675	0			0.001		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tangerines	687	0			0.025		NT
Tomato Paste	506	0			0.005 - 0.025		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>6,042</b>	<b>0</b>					
<b>Terbufos sulfoxide (metabolite of Terbufos)</b>							
Bananas	703	0			0.010		0.025
Carrots	499	0			0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.002 - 0.003		NT
Tangerines	687	0			0.002		NT
Tomato Paste	506	0			0.002 - 0.003		NT
Winter Squash	677	0			0.003		NT
<b>TOTAL</b>	<b>4,412</b>	<b>0</b>					
<b>Terbuthylazine (herbicide)</b>							
Carrots	499	0			0.005		NT
Eggplant	311	0			0.005		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	677	0			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Terbutryn (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	125	0			0.001		NT
Winter Squash	677	0			0.001		NT
<b>TOTAL</b>	<b>1,567</b>	<b>0</b>					
<b>Tetrachlorvinphos (insecticide)</b>							
Broccoli	675	0			0.005 - 0.010		NT
Cauliflower	692	0			0.002 - 0.010		NT
Eggplant	350	0			0.002		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.001 - 0.010		NT
Winter Squash	677	0			0.001		NT
<b>TOTAL</b>	<b>4,352</b>	<b>0</b>					
<b>Tetraconazole (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		0.25
Blueberries, Frozen	7	0			0.010		0.25
Broccoli	648	0			0.001 - 0.003		NT
Cantaloupe	694	0			0.010		0.15
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001 - 0.006		NT
Collard Greens	514	0			0.010		NT
Eggplant	593	0			0.003 - 0.010		0.30
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Summer Squash	176	3	1.7	0.003 - 0.011	0.001		0.15

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001		0.30
Winter Squash	<u>677</u>	<u>0</u>			0.001		0.15
<b>TOTAL</b>	<b>6,714</b>	<b>3</b>					
<b>Tetradifon (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.002		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.020		NT
Cauliflower	692	0			0.002		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.002 - 0.020		NT
Green Beans	177	0			0.003 - 0.005		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003 - 0.005		NT
<b>TOTAL</b>	<b>7,183</b>	<b>0</b>					
<b>Tetrahydrophthalimide - THPI (metabolite of Captafol and Captan)</b>							
Apple Juice	724	209	28.9	0.012 - 1.7	0.007		25.0
Blueberries, Cultivated, Fresh	168	10	6	0.011 - 0.21	0.010		20.0
Blueberries, Frozen	7	4	57.1	0.069 - 0.45	0.010		20.0
Broccoli	675	0			0.004		0.05
Cantaloupe	694	0			0.010		0.05
Cauliflower	672	0			0.004		0.05
Collard Greens	514	3	0.6	0.043 - 0.42	0.010	X-2	0.05
Eggplant	333	0			0.012 - 0.024		0.05
Green Beans	177	3	1.7	0.007 - 0.012	0.005		0.05
Orange Juice	499	0			0.005		NT
Summer Squash	89	1	1.1	0.008	0.005		0.05
Tomato Paste	290	0			0.005		0.05
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.014	0.005		0.05
<b>TOTAL</b>	<b>5,519</b>	<b>231</b>					
<b>Tetramethrin (insecticide)</b>							
Apple Juice	724	0			0.006		NT
Bananas	703	0			0.006		NT
Blueberries, Cultivated, Fresh	168	0			0.005		NT
Blueberries, Frozen	7	0			0.005		NT
Cantaloupe	694	0			0.005		NT
Carrots	499	0			0.025		NT
Collard Greens	514	0			0.005		NT
Eggplant	311	0			0.025		NT
Green Beans	177	0			0.005		NT
Kiwi Fruit	177	0			0.10		NT
Orange Juice	499	0			0.005		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.005 - 0.010		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.005 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>7,883</b>	<b>0</b>					
<b>Thiabendazole (fungicide) (parent of 5-hydroxythiabendazole)</b>							
Apple Juice	724	161	22.2	0.005 - 0.20	0.003		5.0
Bananas	703	288	41	0.005 - 0.21	0.003		3.0
Blueberries, Cultivated, Fresh	168	1	0.6	0.008	0.002	V-1	NT
Blueberries, Frozen	7	0			0.002		NT
Broccoli	675	0			0.003		0.02
Cantaloupe	694	35	5	0.002 - 0.27	0.002		15.0
Carrots	499	1	0.2	0.006	0.005		10.0
Cauliflower	692	5	0.7	0.002 - 0.005	0.001		0.02
Collard Greens	482	0			0.002		NT
Eggplant	661	0			0.003 - 0.005		NT
Green Beans	177	1	0.6	0.003	0.001		0.02
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	133	26.7	0.001 - 0.12	0.001		10.0
Radishes	689	0			0.010		0.02
Summer Squash	176	0			0.001 - 0.005		0.02
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	530	77.1	0.011 - 1.2	0.010		10.0
Tomato Paste	506	1	0.2	0.002	0.001 - 0.010	V-1	NT
Winter Squash	<u>677</u>	<u>2</u>	0.3	0.002 - 0.014	0.001		0.02
<b>TOTAL</b>	<b>9,568</b>	<b>1,158</b>					
<b>Thiacloprid (insecticide)</b>							
Apple Juice	724	0			0.007		0.30
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.001		NT
Eggplant	661	7	1.1	0.002 - 0.049	0.001 - 0.005	V-7	NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	48	7.1	0.010 - 0.12	0.010		1.0
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>8,897</b>	<b>55</b>					
<b>Thiamethoxam (insecticide) (also a parent of Clothianidin)</b>							
Apple Juice	724	0			0.025		0.2
Bananas	703	0			0.025		0.03
Blueberries, Cultivated, Fresh	168	3	1.8	0.003 - 0.12	0.003		0.30
Blueberries, Frozen	7	0			0.003		0.30
Broccoli	675	128	19	0.003 - 0.059	0.002		4.5
Cantaloupe	694	71	10.2	0.003 - 0.040	0.003		0.2
Carrots	499	0			0.005		0.05
Cauliflower	664	172	25.9	0.003 - 0.027	0.002		4.5
Collard Greens	514	105	20.4	0.003 - 0.69	0.003		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Eggplant	661	179	27.1	0.003 - 0.10	0.002 - 0.005		0.25
Green Beans	177	0			0.001		0.02
Kiwi Fruit	177	0			0.005		0.02
Orange Juice	499	1	0.2	0.001	0.001		0.40
Radishes	689	8	1.2	0.014 - 0.087	0.010	X-1	0.05
Summer Squash	176	52	29.5	0.001 - 0.17	0.001 - 0.010		0.2
Sweet Bell Peppers	675	152	22.5	0.010 - 0.48	0.010	X-4	0.25
Tangerines	687	0			0.020		0.40
Tomato Paste	506	64	12.6	0.001 - 0.008	0.001 - 0.020		0.80
Winter Squash	<u>677</u>	<u>97</u>	14.3	0.001 - 0.022	0.001		0.2
<b>TOTAL</b>	<b>9,572</b>	<b>1,032</b>					
<b>Thiazopyr (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.008		NT
Blueberries, Frozen	7	0			0.008		NT
Cantaloupe	694	0			0.008		NT
Collard Greens	514	0			0.008		NT
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.001 - 0.003		NT
Tangerines	687	0			0.001		NT
Tomato Paste	506	0			0.001 - 0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,105</b>	<b>0</b>					
<b>Thidiazuron (plant growth regulator)</b>							
Green Beans	177	0			0.005		NT
Orange Juice	499	0			0.005		NT
Summer Squash	89	0			0.005		NT
Tomato Paste	290	0			0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.005		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Thiencarbazon methyl (herbicide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.020		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>2,719</b>	<b>0</b>					
<b>Thifensulfuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Thiobencarb (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	1	0.1	0.034	0.003	V-1	NT
Cantaloupe	694	0			0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Cauliflower	692	2	0.3	0.002 - 0.009	0.001	V-2	NT
Collard Greens	514	0			0.010		NT
Eggplant	350	0			0.001		NT
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>4,832</b>	<b>3</b>					
<b>Thiodicarb (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.003		NT
Blueberries, Frozen	7	0			0.003		NT
Carrots	499	0			0.020		NT
Collard Greens	514	0			0.003		NT
Eggplant	311	0			0.020		NT
Green Beans	177	0			0.010		NT
Kiwi Fruit	177	0			0.010 - 0.020		NT
Orange Juice	499	0			0.010		NT
Summer Squash	89	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>3,408</b>	<b>0</b>					
<b>Thionazin (insecticide, fumigant)</b>							
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		NT
Summer Squash	89	0			0.003		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Thiophanate methyl (fungicide)</b>							
Apple Juice	724	0			0.020		2.0
Bananas	703	0			0.020		2.0
Carrots	499	0			0.10 - 0.20		NT
Eggplant	311	1	0.3	0.11	0.10	V-1	NT
Summer Squash	87	0			0.020		1.0
Tangerines	687	0			0.020		NT
Tomato Paste	<u>216</u>	<u>0</u>			0.020		NT
<b>TOTAL</b>	<b>3,227</b>	<b>1</b>					
<b>Tolclofos methyl (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Tolfenpyrad (insecticide)</b>							
Apple Juice	724	0			0.002		1.0
Carrots	499	0			0.025		NT
Eggplant	311	1	0.3	0.043	0.025		1.5
Green Beans	177	0			0.003		NT
Orange Juice	499	0			0.003		1.5
Summer Squash	176	0			0.003 - 0.005		0.70



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	687	0			0.005		1.5
Tomato Paste	506	0			0.003 - 0.005		1.5
Winter Squash	<u>677</u>	<u>0</u>			0.003		0.70
<b>TOTAL</b>	<b>4,256</b>	<b>1</b>					
<b>Tolyfluanid (fungicide)</b>							
Apple Juice	724	0			0.003		5.0
Carrots	499	0			0.050		NT
Eggplant	311	0			0.050		NT
Kiwi Fruit	<u>177</u>	<u>0</u>			0.050		NT
<b>TOTAL</b>	<b>1,711</b>	<b>0</b>					
<b>Tri-Allate (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	176	0			0.001 - 0.005		NT
Sweet Bell Peppers	675	0			0.005		NT
Tangerines	687	0			0.005		NT
Tomato Paste	506	0			0.001 - 0.005		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,086</b>	<b>0</b>					
<b>Triadimefon (fungicide) (also a parent of Triadimenol)</b>							
Broccoli	675	0			0.001		NT
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.001		NT
Eggplant	661	0			0.001 - 0.005		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.003		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.003		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,800</b>	<b>0</b>					
<b>Triadimenol (fungicide) (also a metabolite of Triadimefon)</b>							
Bananas	703	0			0.007		0.2
Carrots	499	0			0.040		NT
Eggplant	311	0			0.040		NT
Green Beans	177	0			0.020 - 0.040		NT
Kiwi Fruit	177	0			0.040		NT
Orange Juice	499	0			0.020		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.020 - 0.040		NT
Sweet Bell Peppers	675	0			0.005		NT
Tomato Paste	290	0			0.020		NT
Winter Squash	<u>677</u>	<u>0</u>			0.020 - 0.040		NT
<b>TOTAL</b>	<b>4,786</b>	<b>0</b>					
<b>Triasulfuron (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Triazophos (insecticide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,083</b>	<b>0</b>					
<b>Tribenuron methyl (herbicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Trichlorfon (insecticide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.050		NT
Collard Greens	514	0			0.010		NT
Eggplant	311	0			0.050 - 0.10		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.050 - 0.10		NT
Orange Juice	499	0			0.003		NT
Summer Squash	176	0			0.003 - 0.040		NT
Tangerines	687	0			0.040		NT
Tomato Paste	506	0			0.003 - 0.040		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,092</b>	<b>0</b>					
<b>Trichloronate (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Tricyclazole (fungicide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
<b>Tridemorph (fungicide)</b>							
Bananas	<u>703</u>	<u>0</u>			0.025		1.0
<b>TOTAL</b>	<b>703</b>	<b>0</b>					
<b>Trifloxystrobin (fungicide)</b>							
Apple Juice	724	0			0.001		0.5
Bananas	703	0			0.001		0.10
Blueberries, Cultivated, Fresh	168	0			0.002		1.5
Blueberries, Frozen	7	0			0.002		1.5
Broccoli	675	1	0.1	0.005	0.003		2.0
Cantaloupe	694	0			0.002		0.50
Carrots	499	0			0.005		0.1
Cauliflower	692	1	0.1	0.002	0.001		2.0
Collard Greens	514	6	1.2	0.002 - 0.84	0.002		30
Eggplant	661	1	0.2	0.002	0.001 - 0.005		0.5
Green Beans	177	0			0.001		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.001		0.6
Radishes	689	0			0.005		0.1
Summer Squash	176	0			0.001		0.50
Sweet Bell Peppers	675	21	3.1	0.005 - 0.062	0.005		0.5
Tangerines	687	0			0.001		0.6
Tomato Paste	506	51	10.1	0.001 - 0.011	0.001		0.5
Winter Squash	<u>677</u>	<u>10</u>	1.5	0.001 - 0.007	0.001		0.50
<b>TOTAL</b>	<b>9,600</b>	<b>91</b>					
<b>Trifloxysulfuron (herbicide)</b>							
Blueberries, Cultivated, Fresh	136	0			0.020		NT
Blueberries, Frozen	7	0			0.020		NT
Cantaloupe	664	0			0.020		NT
Collard Greens	514	0			0.020		NT
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		0.03
Summer Squash	176	0			0.001 - 0.010		NT
Tangerines	687	0			0.010		0.03
Tomato Paste	506	0			0.001 - 0.010		0.01
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>4,043</b>	<b>0</b>					
<b>Triflumezopyrim (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Triflumizole (fungicide)</b>							
Apple Juice	724	0			0.001		0.50
Blueberries, Cultivated, Fresh	168	0			0.010		2.0
Blueberries, Frozen	7	0			0.010		2.0
Broccoli	675	0			0.002		8.0
Cantaloupe	694	1	0.1	0.019	0.010		0.5
Carrots	499	0			0.005		NT
Cauliflower	692	0			0.002		8.0
Collard Greens	514	0			0.010		40
Eggplant	661	0			0.002 - 0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.005		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.003		NT
Summer Squash	176	2	1.1	0.011 - 0.016	0.003 - 0.010		0.5
Sweet Bell Peppers	675	0			0.003		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		1.5
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.004	0.003		0.5
<b>TOTAL</b>	<b>8,897</b>	<b>4</b>					
<b>Trifluralin (herbicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.001		NT
Blueberries, Frozen	7	0			0.001		NT
Broccoli	675	4	0.6	0.002	0.001		0.05
Cantaloupe	694	0			0.001		0.05
Carrots	499	4	0.8	0.010 - 0.042	0.010		1.0
Cauliflower	692	0			0.001		0.05
Collard Greens	514	14	2.7	0.001 - 0.003	0.001		0.05
Eggplant	661	0			0.001 - 0.010		0.05
Green Beans	177	0			0.001		0.05
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		0.05
Radishes	689	4	0.6	0.007 - 0.010	0.005		0.05
Summer Squash	176	0			0.001 - 0.005		0.05
Sweet Bell Peppers	675	0			0.005		0.05
Tangerines	687	0			0.005		0.05
Tomato Paste	506	1	0.2	0.001	0.001 - 0.005		0.05
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.001	0.001		0.05
<b>TOTAL</b>	<b>8,173</b>	<b>28</b>					
<b>Triforine (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		1.0
Blueberries, Frozen	7	0			0.010		1.0
Cantaloupe	694	0			0.010		NT
Collard Greens	<u>514</u>	<u>0</u>			0.010		NT
<b>TOTAL</b>	<b>1,383</b>	<b>0</b>					
<b>Triticonazole (fungicide)</b>							
Carrots	499	0			0.010		NT
Eggplant	311	0			0.010		NT
Green Beans	177	0			0.003		NT
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.003		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.003 - 0.005		NT
Sweet Bell Peppers	675	0			0.010		NT
Tangerines	687	0			0.010		NT
Tomato Paste	506	0			0.003 - 0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.003		NT
<b>TOTAL</b>	<b>5,073</b>	<b>0</b>					
<b>Uniconazole (fungicide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		0.01
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		0.01
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>2,542</b>	<b>0</b>					
<b>Valifenalate (fungicide)</b>							
Green Beans	177	0			0.001		NT
Summer Squash	176	0			0.001 - 0.010		0.3
Winter Squash	<u>62</u>	<u>0</u>			0.001		0.3
<b>TOTAL</b>	<b>415</b>	<b>0</b>					
<b>Vamidothion (insecticide)</b>							
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Summer Squash	89	0			0.001		NT
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>1,732</b>	<b>0</b>					
<b>Vernolate (herbicide)</b>							
Green Beans	177	0			0.010 - 0.040		NT
Orange Juice	499	0			0.010		NT
Radishes	689	0			0.010		NT
Summer Squash	89	0			0.010 - 0.040		NT
Sweet Bell Peppers	675	0			0.010		NT
Tomato Paste	290	0			0.010		NT
Winter Squash	<u>677</u>	<u>0</u>			0.010 - 0.040		NT
<b>TOTAL</b>	<b>3,096</b>	<b>0</b>					
<b>Vinclozolin (fungicide)</b>							
Blueberries, Cultivated, Fresh	168	0			0.010		NT
Blueberries, Frozen	7	0			0.010		NT
Broccoli	675	0			0.001		NT
Cantaloupe	694	0			0.010		NT
Carrots	499	0			0.010		NT
Cauliflower	692	0			0.001		NT
Collard Greens	514	0			0.010		NT
Eggplant	661	0			0.001 - 0.010		NT
Green Beans	177	0			0.001		2.0
Kiwi Fruit	177	0			0.010		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.005		NT
Summer Squash	89	0			0.001		NT
Sweet Bell Peppers	675	0			0.005		3.0
Tomato Paste	290	0			0.001		NT
Winter Squash	<u>677</u>	<u>0</u>			0.001		NT
<b>TOTAL</b>	<b>7,183</b>	<b>0</b>					
<b>Zoxamide (fungicide)</b>							
Carrots	499	0			0.020		NT
Eggplant	311	0			0.020		1.0
Green Beans	177	0			0.001		NT
Orange Juice	499	0			0.001		NT
Radishes	689	0			0.010		NT
Summer Squash	176	0			0.001 - 0.002		1.0
Sweet Bell Peppers	675	0			0.010		1.0
Tangerines	687	0			0.002		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Tolerance Violation	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.001 - 0.002		2.0
Winter Squash	677	3	0.4	0.001 - 0.060	0.001		1.0
<b>TOTAL</b>	<b>4,896</b>	<b>3</b>					

*Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2020 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.*

#### **NOTES**

^ = When a range is not listed, only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

EX1 = Exempt from the requirement of a tolerance in or on raw agricultural commodities that have no established tolerance when residues are present as a result of subsequent uptake by crops rotated into fields where crops with tolerances were treated with cyaniliprole.

EX2 = Exempt from the requirement of a tolerance in or on all food and feed commodities when applied as an herbicide in accordance with good agricultural practices.

EX3 = Exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

EX4 = Exempt from the requirement of a tolerance when applied to growing crops in accordance with good agricultural practices.

1 Emamectin benzoate is the salt form of the active, Emamectin.

2 Halosulfuron methyl is the salt form of the active, Halosulfuron.

3 Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

4 Propamocarb analytically determined as the salt (hydrochloride).

5 Enol metabolite calculated as the parent, Spiromesifen.

(X) = Residue was found which exceeds EPA tolerance or FDA action level. Following "X" are the number of occurrences. Refer to pages 1 and 2 in Appendix H to see the sample origin (domestic, imported, or unknown) for each occurrence.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 3 through 5 in Appendix H to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

## **Appendix C**

### **Distribution of Residues for Environmental Contaminants**

Appendix C shows residue detections across all commodities for 21 compounds identified as environmental contaminants, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances or U.S. Food and Drug Administration (FDA) Action Levels for each pair. Results for environmental contaminants have been consolidated in this appendix because they have no registered uses and are not applied to crops.

The EPA tolerances cited in this summary and appendixes apply to 2020 and not to the current year. There may be instances where tolerances have been recently set, modified or revoked that would have an effect on whether a residue is violative or not.

Action Levels (ALs) are shown in this appendix, where applicable, and denote AL values established by FDA. ALs are used for environmental contaminants when tolerances are not available.

PDP reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide/Commodity" column to the right of the commodity and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

## APPENDIX C. DISTRIBUTION OF RESIDUES FOR ENVIRONMENTAL CONTAMINANTS

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
<b>Aldrin (insecticide) (parent of Dieldrin)</b>						
Apple Juice	724	0			0.004	0.03 AL
Bananas	703	0			0.004	0.02 AL
Blueberries, Cultivated, Fresh	168	0			0.003	0.05 AL
Blueberries, Frozen	7	0			0.003	0.05 AL
Broccoli	675	0			0.001	0.03 AL
Cantaloupe	694	0			0.003	0.1 AL
Carrots	499	0			0.020	0.1 AL
Cauliflower	692	0			0.001	0.03 AL
Collard Greens	514	0			0.003	0.05 AL
Eggplant	661	0			0.001 - 0.020	0.05 AL
Green Beans	177	0			0.001	0.05 AL
Kiwi Fruit	177	0			0.040	0.05 AL
Orange Juice	499	0			0.001	0.02 AL
Radishes	689	0			0.005	0.1 AL
Summer Squash	176	0			0.001 - 0.005	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.05 AL
Tangerines	687	0			0.005	0.02 AL
Tomato Paste	506	0			0.001 - 0.005	0.05 AL
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.1 AL
<b>TOTAL</b>	<b>9,600</b>	<b>0</b>				
<b>BHC alpha (insecticide) (isomer of BHC)</b>						
Apple Juice	724	0			0.001	0.05 AL
Blueberries, Cultivated, Fresh	168	0			0.012	0.05 AL
Blueberries, Frozen	7	0			0.012	0.05 AL
Broccoli	675	0			0.001	0.05 AL
Cantaloupe	694	0			0.012	0.05 AL
Carrots	499	0			0.005	0.3 AL
Cauliflower	692	0			0.001	0.05 AL
Collard Greens	514	0			0.012	0.05 AL
Eggplant	661	0			0.001 - 0.005	0.05 AL
Green Beans	177	0			0.001	0.05 AL
Kiwi Fruit	177	0			0.010	0.05 AL
Orange Juice	499	0			0.001	0.05 AL
Radishes	689	0			0.005	0.05 AL
Summer Squash	176	0			0.001 - 0.010	0.05 AL
Sweet Bell Peppers	675	0			0.005	0.05 AL
Tangerines	687	0			0.010	0.05 AL
Tomato Paste	506	0			0.001 - 0.010	0.05 AL
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.05 AL
<b>TOTAL</b>	<b>8,897</b>	<b>0</b>				
<b>BHC beta (isomer of BHC)</b>						
Apple Juice	724	0			0.003	0.05 AL
Blueberries, Cultivated, Fresh	168	0			0.014	0.05 AL
Blueberries, Frozen	7	0			0.014	0.05 AL
Cantaloupe	694	0			0.014	0.5 AL
Collard Greens	514	0			0.014	0.05 AL
Green Beans	177	0			0.001	0.05 AL
Orange Juice	499	0			0.001	0.05 AL
Radishes	689	0			0.005	0.05 AL
Summer Squash	176	0			0.001 - 0.005	0.05 AL
Sweet Bell Peppers	675	0			0.005	0.05 AL
Tangerines	687	0			0.005	0.05 AL



Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
Tomato Paste	506	0			0.001 - 0.005	0.05 AL
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.05 AL
<b>TOTAL</b>	<b>6,193</b>	<b>0</b>				
<b>BHC delta (isomer of BHC)</b>						
Carrots	499	0			0.005	0.3 AL
Eggplant	311	0			0.005	0.05 AL
Green Beans	177	0			0.001	0.05 AL
Orange Juice	499	0			0.001	0.05 AL
Summer Squash	89	0			0.001	0.05 AL
Tomato Paste	290	0			0.001	0.05 AL
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.05 AL
<b>TOTAL</b>	<b>2,542</b>	<b>0</b>				
<b>BHC epsilon (isomer of BHC)</b>						
Carrots	499	0			0.005	0.3 AL
Eggplant	<u>311</u>	<u>0</u>			0.005	0.05 AL
<b>TOTAL</b>	<b>810</b>	<b>0</b>				
<b>Chlordane cis (insecticide) (isomer of Chlordane)</b>						
Apple Juice	724	0			0.002	0.1 AL
Bananas	703	0			0.002	0.1 AL
Blueberries, Cultivated, Fresh	168	0			0.010	0.1 AL
Blueberries, Frozen	7	0			0.010	0.1 AL
Broccoli	675	0			0.001	0.1 AL
Cantaloupe	694	0			0.010	0.1 AL
Carrots	499	0			0.010	0.1 AL
Cauliflower	692	0			0.001	0.1 AL
Collard Greens	514	0			0.010	0.1 AL
Eggplant	661	0			0.001 - 0.010	0.1 AL
Green Beans	177	0			0.001	0.1 AL
Kiwi Fruit	177	0			0.010	0.1 AL
Orange Juice	499	0			0.001	0.1 AL
Radishes	689	0			0.005	0.1 AL
Summer Squash	89	3	3.4	0.002 - 0.008	0.001	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.1 AL
Tangerines	687	0			0.010	0.1 AL
Tomato Paste	506	0			0.001 - 0.010	0.1 AL
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.004 - 0.029	0.001	0.1 AL
<b>TOTAL</b>	<b>9,513</b>	<b>8</b>				
<b>Chlordane trans (isomer of Chlordane)</b>						
Apple Juice	724	1	0.1	0.019	0.002	0.1 AL
Bananas	703	0			0.002	0.1 AL
Blueberries, Cultivated, Fresh	168	0			0.010	0.1 AL
Blueberries, Frozen	7	0			0.010	0.1 AL
Broccoli	675	0			0.001	0.1 AL
Cantaloupe	694	0			0.010	0.1 AL
Carrots	499	0			0.010	0.1 AL
Cauliflower	692	0			0.001	0.1 AL
Collard Greens	514	0			0.010	0.1 AL
Eggplant	661	0			0.001 - 0.010	0.1 AL
Green Beans	177	0			0.001	0.1 AL
Kiwi Fruit	177	0			0.010	0.1 AL
Orange Juice	499	0			0.001	0.1 AL
Radishes	689	0			0.005	0.1 AL
Summer Squash	89	1	1.1	0.002	0.001	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.1 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
Tangerines	687	0			0.005	0.1 AL
Tomato Paste	506	0			0.001 - 0.005	0.1 AL
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.002 - 0.004	0.001	0.1 AL
<b>TOTAL</b>	<b>9,513</b>	<b>7</b>				
<b>DDD o,p' (metabolite of DDT)</b>						
Blueberries, Cultivated, Fresh	168	0			0.001	0.1 AL
Blueberries, Frozen	7	0			0.001	0.1 AL
Broccoli	675	0			0.001	0.5 AL
Cantaloupe	694	0			0.001	0.1 AL
Cauliflower	692	0			0.001	0.5 AL
Collard Greens	514	1	0.2	0.001	0.001	0.5 AL
Eggplant	350	0			0.001	0.1 AL
Green Beans	177	0			0.001	0.2 AL
Orange Juice	499	0			0.001	0.1 AL
Summer Squash	89	0			0.001	0.1 AL
Tomato Paste	290	0			0.001	0.05 AL
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.002	0.001	0.1 AL
<b>TOTAL</b>	<b>4,832</b>	<b>2</b>				
<b>DDD p,p' (metabolite of DDT)</b>						
Blueberries, Cultivated, Fresh	168	0			0.005	0.1 AL
Blueberries, Frozen	7	0			0.005	0.1 AL
Broccoli	675	0			0.001	0.5 AL
Cantaloupe	694	0			0.005	0.1 AL
Carrots	499	0			0.005	3 AL
Cauliflower	692	0			0.001	0.5 AL
Collard Greens	514	0			0.005	0.5 AL
Eggplant	661	0			0.001 - 0.005	0.1 AL
Kiwi Fruit	177	0			0.005	0.1 AL
Radishes	689	0			0.005	0.2 AL
Summer Squash	87	0			0.005	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.1 AL
Tangerines	687	0			0.005	0.1 AL
Tomato Paste	<u>216</u>	<u>0</u>			0.005	0.05 AL
<b>TOTAL</b>	<b>6,441</b>	<b>0</b>				
<b>DDE o,p' (metabolite of DDT)</b>						
Apple Juice	724	0			0.002	0.1 AL
Blueberries, Cultivated, Fresh	168	0			0.001	0.1 AL
Blueberries, Frozen	7	0			0.001	0.1 AL
Cantaloupe	694	0			0.001	0.1 AL
Collard Greens	514	0			0.001	0.5 AL
Green Beans	177	0			0.001	0.2 AL
Orange Juice	499	0			0.001	0.1 AL
Summer Squash	89	0			0.001	0.1 AL
Tomato Paste	290	0			0.001	0.05 AL
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.1 AL
<b>TOTAL</b>	<b>3,839</b>	<b>0</b>				
<b>DDE p,p' (metabolite of DDT)</b>						
Apple Juice	724	0			0.001	0.1 AL
Blueberries, Cultivated, Fresh	168	0			0.010	0.1 AL
Blueberries, Frozen	7	0			0.010	0.1 AL
Broccoli	675	26	3.9	0.002	0.001	0.5 AL
Cantaloupe	694	0			0.010	0.1 AL
Carrots	499	23	4.6	0.010 - 0.031	0.010	3 AL
Cauliflower	692	0			0.001	0.5 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
Collard Greens	514	5	1	0.012 - 0.018	0.010	0.5 AL
Eggplant	661	0			0.001 - 0.010	0.1 AL
Green Beans	177	3	1.7	0.002 - 0.006	0.001	0.2 AL
Kiwi Fruit	177	0			0.005	0.1 AL
Orange Juice	499	0			0.001	0.1 AL
Radishes	689	24	3.5	0.005 - 0.019	0.005	0.2 AL
Summer Squash	89	3	3.4	0.002 - 0.012	0.001	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.1 AL
Tangerines	687	0			0.005	0.1 AL
Tomato Paste	506	0			0.001 - 0.005	0.05 AL
Winter Squash	<u>677</u>	<u>19</u>	2.8	0.001 - 0.011	0.001	0.1 AL
<b>TOTAL</b>	<b>8,810</b>	<b>103</b>				
<b>DDT o,p' (insecticide)</b>						
Apple Juice	724	0			0.004	0.1 AL
Broccoli	675	0			0.001	0.5 AL
Cauliflower	692	0			0.001 - 0.003	0.5 AL
Eggplant	350	0			0.001 - 0.003	0.1 AL
Green Beans	177	0			0.001	0.2 AL
Orange Juice	466	0			0.001	0.1 AL
Summer Squash	89	2	2.2	0.001 - 0.004	0.001	0.1 AL
Tomato Paste	290	0			0.001	0.05 AL
Winter Squash	<u>677</u>	<u>5</u>	0.7	0.001 - 0.003	0.001	0.1 AL
<b>TOTAL</b>	<b>4,140</b>	<b>7</b>				
<b>DDT p,p' (insecticide)</b>						
Apple Juice	724	0			0.002	0.1 AL
Blueberries, Cultivated, Fresh	168	0			0.001	0.1 AL
Blueberries, Frozen	7	0			0.001	0.1 AL
Broccoli	675	0			0.001 - 0.003	0.5 AL
Cantaloupe	694	0			0.001	0.1 AL
Carrots	499	0			0.010	3 AL
Cauliflower	692	0			0.001 - 0.006	0.5 AL
Eggplant	661	0			0.003 - 0.010	0.1 AL
Green Beans	143	0			0.001	0.2 AL
Kiwi Fruit	177	0			0.040	0.1 AL
Orange Juice	499	0			0.001	0.1 AL
Radishes	689	1	0.1	0.005	0.005	0.2 AL
Summer Squash	89	1	1.1	0.003	0.001	0.1 AL
Sweet Bell Peppers	655	0			0.005	0.1 AL
Tomato Paste	290	0			0.001	0.05 AL
Winter Squash	<u>677</u>	<u>7</u>	1	0.001 - 0.004	0.001 - 0.008	0.1 AL
<b>TOTAL</b>	<b>7,339</b>	<b>9</b>				
<b>Dieldrin (insecticide) (also a metabolite of Aldrin)</b>						
Apple Juice	724	0			0.004	0.03 AL
Bananas	703	0			0.004	0.02 AL
Blueberries, Cultivated, Fresh	168	0			0.010	0.05 AL
Blueberries, Frozen	7	0			0.010	0.05 AL
Broccoli	675	0			0.002	0.03 AL
Cantaloupe	694	6	0.9	0.011 - 0.048	0.010	0.1 AL
Carrots	499	2	0.4	0.020 - 0.023	0.020	0.1 AL
Cauliflower	692	0			0.002	0.03 AL
Collard Greens	514	1	0.2	0.016	0.010	0.05 AL
Eggplant	661	0			0.002 - 0.020	0.05 AL
Green Beans	177	0			0.003	0.05 AL
Kiwi Fruit	177	0			0.040	0.05 AL
Orange Juice	499	0			0.003	0.02 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
Radishes	689	1	0.1	0.006	0.005	0.1 AL
Summer Squash	89	16	18	0.003 - 0.045	0.003	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.05 AL
Tangerines	687	0			0.025	0.02 AL
Tomato Paste	506	0			0.003 - 0.025	0.05 AL
Winter Squash	<u>677</u>	<u>63</u>	9.3	0.003 - 0.11	0.003	0.1 AL
<b>TOTAL</b>	<b>9,513</b>	<b>89</b>				
<b>Endrin (insecticide)</b>						
Blueberries, Cultivated, Fresh	168	0			0.010	0.05 AL
Blueberries, Frozen	7	0			0.010	0.05 AL
Broccoli	675	0			0.005	0.03 AL
Cantaloupe	694	0			0.010	0.03 AL
Carrots	499	0			0.020	0.1 AL
Cauliflower	692	0			0.005	0.1 AL
Collard Greens	514	0			0.010	0.05 AL
Eggplant	661	0			0.005 - 0.020	0.05 AL
Green Beans	177	0			0.003	0.05 AL
Kiwi Fruit	177	0			0.035	0.05 AL
Orange Juice	499	0			0.003	0.02 AL
Radishes	689	0			0.005	0.1 AL
Summer Squash	176	6	3.4	0.003 - 0.007	0.003 - 0.005	0.1 AL
Sweet Bell Peppers	675	0			0.005	0.05 AL
Tangerines	687	0			0.005	0.02 AL
Tomato Paste	506	0			0.003 - 0.005	0.05 AL
Winter Squash	<u>677</u>	<u>3</u>	0.4	0.003 - 0.005	0.003	0.1 AL
<b>TOTAL</b>	<b>8,173</b>	<b>9</b>				
<b>Heptachlor (insecticide)</b>						
Apple Juice	724	0			0.001	NT
Blueberries, Cultivated, Fresh	168	0			0.002	0.05 AL
Blueberries, Frozen	7	0			0.002	0.05 AL
Broccoli	675	0			0.001	0.05 AL
Cantaloupe	694	0			0.002	0.05 AL
Carrots	499	0			0.025	NT
Cauliflower	692	0			0.001	0.05 AL
Collard Greens	514	1	0.2	0.003	0.002	0.05 AL
Eggplant	661	0			0.001 - 0.025	0.03 AL
Green Beans	177	0			0.001	0.05 AL
Kiwi Fruit	177	0			0.10	0.05 AL
Orange Juice	499	0			0.001	0.05 AL
Radishes	689	0			0.005	NT
Summer Squash	176	0			0.001	0.05 AL
Sweet Bell Peppers	675	0			0.005	NT
Tangerines	687	0			0.001	0.05 AL
Tomato Paste	506	0			0.001	NT
Winter Squash	<u>677</u>	<u>0</u>			0.001	0.05 AL
<b>TOTAL</b>	<b>8,897</b>	<b>1</b>				
<b>Heptachlor epoxide (metabolite of Heptachlor)</b>						
Apple Juice	724	0			0.002	NT
Blueberries, Cultivated, Fresh	168	0			0.005	0.05 AL
Blueberries, Frozen	7	0			0.005	0.05 AL
Broccoli	675	0			0.002	0.05 AL
Cantaloupe	694	0			0.005	0.05 AL
Carrots	499	0			0.040	NT
Cauliflower	692	0			0.002	0.05 AL
Collard Greens	514	0			0.005	0.05 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm ^	Range of LODs, ppm ^	EPA Tolerance Level, ppm
Eggplant	661	0			0.002 - 0.040	0.03 AL
Green Beans	177	0			0.001	0.05 AL
Kiwi Fruit	177	0			0.040	0.05 AL
Orange Juice	499	0			0.001	0.05 AL
Radishes	689	0			0.005	NT
Summer Squash	176	0			0.001	0.05 AL
Sweet Bell Peppers	675	0			0.005	NT
Tangerines	687	0			0.001	0.05 AL
Tomato Paste	506	0			0.001	NT
Winter Squash	<u>677</u>	<u>7</u>	1	0.002 - 0.011	0.001	0.05 AL
<b>TOTAL</b>	<b>8,897</b>	<b>7</b>				

**Hexachlorobenzene - HCB (fungicide) (metabolite and impurity of Quintozene)**

Carrots	499	0			0.005	NT
Eggplant	311	0			0.005	0.1
Green Beans	177	0			0.001	0.1
Orange Juice	499	0			0.001	NT
Radishes	689	0			0.005	NT
Summer Squash	176	0			0.001 - 0.005	NT
Sweet Bell Peppers	675	0			0.005	0.1
Tangerines	687	0			0.005	NT
Tomato Paste	506	0			0.001 - 0.005	0.1
Winter Squash	<u>677</u>	<u>0</u>			0.001	NT
<b>TOTAL</b>	<b>4,896</b>	<b>0</b>				

**Lindane - BHC gamma (insecticide) (also an isomer of BHC)**

Blueberries, Cultivated, Fresh	168	0			0.013	0.5 AL
Blueberries, Frozen	7	0			0.013	0.5 AL
Broccoli	675	0			0.001	NT
Cantaloupe	694	0			0.013	NT
Carrots	499	0			0.005	0.5 AL
Cauliflower	692	0			0.001	NT
Collard Greens	514	0			0.013	NT
Eggplant	661	0			0.001 - 0.005	NT
Green Beans	177	0			0.001	0.5 AL
Kiwi Fruit	177	0			0.045	0.5 AL
Orange Juice	499	0			0.001	0.5 AL
Radishes	689	0			0.005	0.5 AL
Summer Squash	176	0			0.001 - 0.005	NT
Sweet Bell Peppers	675	0			0.005	NT
Tangerines	687	0			0.005	0.5 AL
Tomato Paste	506	0			0.001 - 0.005	NT
Winter Squash	<u>677</u>	<u>0</u>			0.001	NT
<b>TOTAL</b>	<b>8,173</b>	<b>0</b>				

**Mirex (insecticide)**

Blueberries, Cultivated, Fresh	168	0			0.001	NT
Blueberries, Frozen	7	0			0.001	NT
Cantaloupe (V-2)	694	3	0.4	0.002	0.001	NT
Collard Greens	514	0			0.001	NT
Green Beans	177	0			0.001	NT
Orange Juice	499	0			0.001	NT
Summer Squash	89	0			0.001	NT
Tomato Paste	290	0			0.001	NT
Winter Squash	<u>677</u>	<u>0</u>			0.001	NT
<b>TOTAL</b>	<b>3,115</b>	<b>3</b>				

<b>Pesticide / Commodity</b>	<b>Number of Samples</b>	<b>Samples with Detections</b>	<b>% of Samples with Detections</b>	<b>Range of Values Detected, ppm ^</b>	<b>Range of LODs, ppm ^</b>	<b>EPA Tolerance Level, ppm</b>
<b>Oxychlordan (metabolite of Chlordane)</b>						
Bananas	703	0			0.007	0.1 AL
Green Beans	177	0			0.005	0.1 AL
Orange Juice	499	0			0.005	0.1 AL
Summer Squash	89	0			0.005	0.1 AL
Tomato Paste	290	0			0.005	0.1 AL
Winter Squash	<u>677</u>	<u>1</u>	0.1	0.006	0.005	0.1 AL
<b>TOTAL</b>	<b>2,435</b>	<b>1</b>				

**NOTES**

^ = When a range is not listed, only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

AL = Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

NT = No tolerance level was set for that pesticide/commodity pair.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to page 3 in Appendix H to see the number of occurrences broken down by sample origin (domestic, imported, or unknown).

## **Appendix D**

### **Sample Origin by State or Country (Determined by Grower, Packer, or Distributor)**

Appendix D gives the number of samples per State or country of origin and the number of samples of unknown origin. Where available, the origin of fresh commodities is taken from the grower or packer information. For processed commodities, origin is determined primarily by packer or distributor.

As shown in Appendix D, samples originated from 34 States and 34 foreign countries. There were 298 domestic samples from unknown States and 19 imported samples from unknown countries. There were an additional 67 samples from unknown origins. Overall, 59.5 percent of samples were from U.S. sources, 34.9 percent were imports from single countries, 4.9 percent were of mixed national origin, and 0.7 percent were of unknown origin.

**APPENDIX D. SAMPLE ORIGIN BY STATE OR COUNTRY**  
**(Determined by Grower, Packer, or Distributor)**

**Part 1. Domestic Samples**

	Fresh F&V														Processed F&V				# of Samples	% of Total	
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ			TP
Alabama						1				1									2	< 0.1	
Arizona			7	9	39	15	3	1	1		4	37	1	2	7	8		2	8	144	1.5
Arkansas			1	3	2	2							2	2		24		2	12	50	0.5
California	5		417	579	292	285	120	25	159	80	152	136	10	261	141	51		21	121	2855	29.7
Colorado			3	1	7	6	1	1	19		6	17			9				1	71	0.7
Connecticut							1				1					17				19	0.2
Delaware										1				1						2	< 0.1
Florida	1		14		34	11	52	25	4	2	45	87	14	35	16	15		127	4	486	5.1
Georgia			5	1	1	1	69	12	75		47	4	12	1	15			4	1	248	2.6
Idaho																			4	4	< 0.1
Illinois			6			3		3			1		7	4	12				161	197	2.1
Indiana					1		1				2			2					16	22	0.2
Maine			1	2		1													5	9	0.1
Maryland			1	3	1	2	12	6	28		4	2		3	6	1			5	74	0.8
Massachusetts									1							1		1	2	5	0.1
Michigan	1					11	10	2	32		4	108	2		36	38		2	27	273	2.8
Minnesota			1			2			9							2		1	17	32	0.3
Mississippi							1													1	< 0.1
Missouri																		1	2	3	< 0.1
Nebraska																			2	2	< 0.1
Nevada			4																	4	< 0.1
New Hampshire																			1	1	< 0.1
New Jersey						14	2	10	1	10	1	1	2	6	4		1	12	64	0.7	
New York			17	2		1	6	1	2		9		1	1	13	16	1	2	12	84	0.9
North Carolina			3	1			7	5	10		10		5		6	1	1		19	68	0.7
Ohio	1		2	4		9	15	2	16		4	84	2	6	27	11		2	27	212	2.2
Oregon	1					5			1		1	27		1	6					42	0.4
Pennsylvania					4	2	1	4	2		1	1		2	4	10			8	39	0.4
South Carolina			1				1		48		2									52	0.5
Tennessee															2				1	3	< 0.1
Texas	1		27	23	16	12	16	11	32	2	19	2	7	4	31		7	28	238	2.5	
Virginia			1												5		1			7	0.1
Washington	1		4	4		1	5		1		4	3	1	14	54					92	1.0
Wisconsin									4						2	1		1		8	0.1
Unknown State			26	28	23	4	54	12	37	2	28	30	11	8	20	7		6	2	298	3.1
# of Domestic	11		541	660	420	373	390	112	491	87	356	539	76	330	335	309	2	181	498	5,711	
% of Total	7		80	95	61	75	59	63	96	49	53	78	43	48	49	43	29	36	98		59.5

**Part 2. Imported Samples**

	Fresh F&V														Processed F&V				# of Samples	% of Total	
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ			TP
Argentina	18															11				29	0.3
Australia														12						12	0.1
Austria																1				1	< 0.1
Brazil																6		8		14	0.1



	Fresh F&V															Processed F&V				# of Samples	% of Total
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ	TP		
Canada			9	5		72	7		7		63	60			18	2	3			246	2.6
Chile	4				1							1		152		9	1			168	1.8
China																132		2		134	1.4
Colombia		40																		40	0.4
Costa Rica		156			25															181	1.9
Dominican Republic		1								1										2	< 0.1
Ecuador		119			1															120	1.3
El Salvador										2										2	< 0.1
Greece									40											40	0.4
Guatemala	1	218	1		142	1		13			2		2		3					383	4.0
Honduras		82			66						3				19					170	1.8
Israel						7								2						9	0.1
Italy									49										1	50	0.5
Lebanon																			1	1	< 0.1
Mexico	37	49	122	23	36	46	250	47	3		240	84	92	3	299			17		1348	14.0
Morocco															20					20	0.2
Netherlands							2				2									4	< 0.1
New Zealand									1							3				4	< 0.1
Nicaragua		1																		1	< 0.1
Panama		9																		9	0.1
Peru	96	11									1			129			1			238	2.5
South Africa														17					5	22	0.2
Spain											1									1	< 0.1
Turkey																46				46	0.5
Ukraine																10				10	0.1
Uruguay	1													22						23	0.2
Unknown Country		17													1					19	0.2
# of Imports	157	703	132	28	271	126	259	60	10	90	315	145	94	357	340	226	5	25	4	3,347	
% of Total	93	100	20	4	39	25	39	34	2	51	47	21	53	52	50	31	71	5	1		34.9

### Part 3. Mixed National Origin Samples

	Fresh F&V															Processed F&V				# of Samples	% of Total
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ	TP		
Argentina / Austria / Chile / China / Hungary / Italy / Poland / Turkey / USA																4				4	< 0.1
Argentina / Chile / China / USA																2				2	< 0.1
Argentina / China																3				3	< 0.1
Argentina / China / New Zealand / Poland / South Africa																1				1	< 0.1
Argentina / China / USA																1				1	< 0.1
Argentina / Poland / USA																2				2	< 0.1
Argentina / Turkey																6				6	0.1
Argentina / Ukraine																1				1	< 0.1
Belize / Brazil / Costa Rica / Mexico / USA																		12		12	0.1
Belize / Brazil / Mexico / USA																		2		2	< 0.1
Brazil / Chile																4				4	< 0.1
Brazil / Chile / China																2				2	< 0.1
Brazil / Chile / China / Hungary / Italy / Poland / Turkey / Ukraine																4				4	< 0.1
Brazil / Chile / China / Hungary / Italy / Poland / Turkey / Ukraine / USA																10				10	0.1
Brazil / China																1				1	< 0.1
Brazil / Costa Rica / Mexico																		1		1	< 0.1
Brazil / Costa Rica / Mexico / USA																		15		15	0.2
Brazil / Costa Rica / USA																		18		18	0.2
Brazil / Mexico																		1		1	< 0.1
Brazil / Mexico / USA																		25		25	0.3

	Fresh F&V														Processed F&V				# of Samples	% of Total		
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ			TP	
Brazil / Poland																1				1	< 0.1	
Brazil / USA																		181			181	1.9
Canada / USA																15				15	0.2	
Chile / China																3				3	< 0.1	
Chile / China / Mexico / Poland / Spain / Turkey / USA																3				3	< 0.1	
Chile / China / Poland / Turkey / USA																1				1	< 0.1	
Chile / China / Turkey																1				1	< 0.1	
Chile / China / Turkey / USA																7				7	0.1	
Chile / China / USA																3				3	< 0.1	
Chile / Hungary / Poland																1				1	< 0.1	
Chile / Poland / Turkey																2				2	< 0.1	
Chile / Poland / Turkey / USA																1				1	< 0.1	
Chile / Poland / USA																1				1	< 0.1	
Chile / South Africa																3				3	< 0.1	
Chile / Turkey / USA																2				2	< 0.1	
Chile / Ukraine / USA																3				3	< 0.1	
Chile / USA																1				1	< 0.1	
China / Italy / Ukraine																1				1	< 0.1	
China / Mexico																1				1	< 0.1	
China / New Zealand																1				1	< 0.1	
China / New Zealand / Poland																1				1	< 0.1	
China / New Zealand / USA																1				1	< 0.1	
China / Poland																7				7	0.1	
China / Poland / Turkey / USA																4				4	< 0.1	
China / Poland / USA																3				3	< 0.1	
China / Spain																1				1	< 0.1	
China / Turkey																16				16	0.2	
China / Turkey / USA																3				3	< 0.1	
China / Ukraine																8				8	0.1	
China / USA																32				32	0.3	
Mexico / Spain / USA																		1		1	< 0.1	
Mexico / USA																		33		33	0.3	
Moldova / Ukraine																1				1	< 0.1	
New Zealand / USA																1				1	< 0.1	
Poland / Turkey / USA																2				2	< 0.1	
Poland / Ukraine																2				2	< 0.1	
Poland / USA																2				2	< 0.1	
Spain / Ukraine																1				1	< 0.1	
Turkey / China																1				1	< 0.1	
Turkey / USA																8				8	0.1	
# of Mixed National Origin Samples																186	289			475		
% of Total																26	58				4.9	

**Part 4. Unknown Origin Samples**

	Fresh F&V														Processed F&V				# of Samples	% of Total	
	BB	BN	BR	CF	CN	CR	EP	GB	GL	KW	PP	RD	SS	TA	WS	AJ	BZ	OJ			TP
Unknown Origin			2	4	3		12	5	13		4	5	6		2	3	4	4		67	0.7
% of Total			< 1	1	< 1		2	3	3		1	1	3		< 1	< 1	1	1			0.7

Sample Totals: 168 703 675 692 694 499 661 177 514 177 675 689 176 687 677 724 7 499 506 9,600

**Commodity Legend**

AJ = Apple Juice

BB = Blueberries, Cultivated

BN = Bananas

BR = Broccoli

BZ = Blueberries, Frozen

CF = Cauliflower

CN = Cantaloupe

CR = Carrots

EP = Eggplant

GB = Green Beans

GL = Collard Greens

KW = Kiwi Fruit

OJ = Orange Juice

PP = Sweet Bell Peppers

RD = Radishes

SS = Summer Squash

TA = Tangerines

TP = Tomato Paste

WS = Winter Squash

## **Appendix E**

### **Import Versus Domestic Pesticide Residue Comparisons**

The Pesticide Data Program is designed to provide a comprehensive statistical picture of pesticide residues in the U.S. food supply, representing all sources, including imports. Most commodities consumed are generally produced in the United States with import components that vary by commodity. However, several commodities tested over the past several years were cyclical; that is, part of the year the commodity was produced domestically and part of the year it was imported.

Appendix E compares residue data reported for samples originating in the United States with those of the same commodity from major exporting countries in 2020. Residue data for domestic cantaloupe are compared with data for samples originating in Guatemala. Residue data for domestic tangerines are compared with data for samples originating in both Chile and Peru. Residue data for domestic winter squash are compared with data for samples originating in Mexico. These commodities were selected because they are fresh products collected all 12 months of the year and they have more than 100 data points (samples) for each of the countries compared. Only residues detected in more than 5 percent of all samples are included in each comparison. All pesticides detected were registered in the United States. However, the profiles of residue findings were markedly different in the United States samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

## Appendix E. Import Versus Domestic Pesticide Residue Comparisons

### 2020 Distribution of Residues for Cantaloupe Samples Originating in Guatemala Versus United States (Only Pesticides with Residue Detections in at least 5 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections	Range of Detections, ppm	EPA Tolerance, ppm
Acetamiprid	United States	420	35	8.3	0.0015 - 0.016	0.50
	Guatemala	142	58	40.8	0.0016 - 0.026	0.50
Bifenthrin	United States	418	45	10.8	0.002 - 0.0059	0.4
	Guatemala	122	0			0.4
Dinotefuran	United States	420	150	35.7	0.0034 - 0.13	0.5
	Guatemala	142	56	39.4	0.0033 - 0.05	0.5
Fluopyram	United States	395	7	1.8	0.0055 - 0.021	1.0
	Guatemala	142	30	21.1	0.005 - 0.016	1.0
Imidacloprid	United States	420	101	24.0	0.0033 - 0.078	0.5
	Guatemala	142	18	12.7	0.0033 - 0.025	0.5
Metalaxyl/Mefenoxam	United States	420	20	4.8	0.0011 - 0.035	1.0
	Guatemala	142	51	35.9	0.0011 - 0.041	1.0
Oxamyl oxime	United States	420	25	6.0	0.007 - 1.4	2.0
	Guatemala	142	15	10.6	0.0067 - 0.10	2.0
Propamocarb hydrochloride	United States	420	7	1.7	0.0021 - 0.0058	1.5
	Guatemala	142	29	20.4	0.002 - 0.014	1.5
Thiabendazole	United States	420	4	1.0	0.0064 - 0.029	15.0
	Guatemala	142	22	15.5	0.0021 - 0.27	15.0
Thiamethoxam	United States	420	31	7.4	0.0035 - 0.024	0.2
	Guatemala	142	21	14.8	0.0034 - 0.040	0.2

NOTE: The Limits of Detection (LODs) for pesticide detections in cantaloupe are listed in Appendix B.

**2020 Distribution of Residues for Tangerine Samples  
Originating in Chile and Peru Versus United States  
(Only Pesticides with Residue Detections in at least 5 Percent of all Samples)**

<b>Pesticide</b>	<b>Origin</b>	<b># of Samples Analyzed</b>	<b># of Samples w/ Detections</b>	<b>% of Samples w/ Detections</b>	<b>Range of Detections, ppm</b>	<b>EPA Tolerance, ppm</b>
Acetamiprid	United States	330	5	1.5	0.0025 - 0.015	1.0
	Chile	152	46	30.3	0.002 - 0.064	1.0
	Peru	129	38	29.5	0.002 - 0.047	1.0
Azoxystrobin	United States	330	111	33.6	0.002 - 0.13	15.0
	Chile	152	11	7.2	0.0024 - 0.13	15.0
	Peru	129	0			15.0
Fludioxonil	United States	330	104	31.5	0.005 - 0.21	10
	Chile	152	72	47.4	0.0056 - 0.091	10
	Peru	129	4	3.1	0.018 - 0.078	10
Imazalil	United States	330	300	90.9	0.0054 - 0.65	10.0
	Chile	152	146	96.1	0.0061 - 1.3	10.0
	Peru	129	125	96.9	0.010 - 1.2	10.0
Propiconazole	United States	330	21	6.4	0.0051 - 0.046	8.0
	Chile	152	0			8.0
	Peru	129	6	4.7	0.0052 - 0.031	8.0
Pyrimethanil	United States	330	22	6.7	0.0057 - 0.033	10
	Chile	152	41	27.0	0.0051 - 0.28	10
	Peru	129	8	6.2	0.035 - 0.17	10
Thiabendazole	United States	330	272	82.4	0.011 - 0.78	10.0
	Chile	152	109	71.7	0.012 - 0.86	10.0
	Peru	129	108	83.7	0.012 - 1.2	10.0

*NOTE: The Limits of Detection (LODs) for pesticide detections in tangerines are listed in Appendix B.*

**2020 Distribution of Residues for Winter Squash Samples  
Originating in Mexico Versus United States  
(Only Pesticides with Residue Detections in at least 5 Percent of all Samples)**

<b>Pesticide</b>	<b>Origin</b>	<b># of Samples Analyzed</b>	<b># of Samples w/ Detections</b>	<b>% of Samples w/ Detections</b>	<b>Range of Detections, ppm</b>	<b>EPA Tolerance, ppm</b>
Acetamiprid	USA	335	11	3.3	0.0013 - 0.0047	0.50
	Mexico	299	20	6.7	0.0014 - 0.017	0.50
Bifenthrin	USA	335	83	24.8	0.0013 - 0.15	0.4
	Mexico	299	54	18.1	0.0013 - 0.016	0.4
Chlorothalonil	USA	335	40	11.9	0.0051 - 0.49	5.0
	Mexico	299	22	7.4	0.005 - 0.079	5.0
Cyflufenamid	USA	335	72	21.5	0.0014 - 0.056	0.10
	Mexico	299	0			0.10
Imidacloprid	USA	335	60	17.9	0.0028 - 0.20	0.5
	Mexico	299	166	55.5	0.0027 - 0.13	0.5
Metalaxyl/Mefenoxam	USA	335	18	5.4	0.002 - 0.17	1.0
	Mexico	299	19	6.4	0.0013 - 0.024	1.0
Propamocarb	USA	335	12	3.6	0.0014 - 0.21	1.5
	Mexico	299	44	14.7	0.0045 - 0.34	1.5
Pyraclostrobin	USA	335	12	3.6	0.0013 - 0.010	0.5
	Mexico	299	29	9.7	0.0013 - 0.0072	0.5
Tebuconazole	USA	335	7	2.1	0.0015 - 0.016	0.4
	Mexico	299	39	13.0	0.0013 - 0.014	0.4
Thiamethoxam	USA	335	45	13.4	0.0013 - 0.022	0.2
	Mexico	299	46	15.4	0.0013 - 0.020	0.2

*NOTE: The Limits of Detection (LODs) for pesticide detections in winter squash are listed in Appendix B.*

## **Appendix F**

### **Pesticide Residues by Commodity** (Pairs With Residue Detections in at Least 5 Percent of Samples)

Appendix F shows 199 commodity/pesticide pairs (including metabolites, isomers, and degradates) with detections in at least 5 percent of the samples tested. The data shown include the range and mean of values detected and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendixes apply to 2020 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.



**APPENDIX F. PESTICIDE RESIDUES <sup>A</sup> BY COMMODITY**  
**(Pairs With Residue Detections in at Least 5 Percent of Samples)**

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
<b>1 Apple Juice (6 pesticides)</b>							
Acetamiprid *	I	12.6	724	91	0.012 - 0.034	0.013	1.0
Diphenylamine (DPA)	F	6.9	724	50	0.010 - 0.077	0.017	10.0
Fludioxonil	F	6.9	724	50	0.012 - 0.10	0.019	5.0
Pyrimethanil	F	26.9	724	195	0.003 - 2.5	0.23	15
Tetrahydrophthalimide (THPI) <sup>1</sup>	FM	28.9	724	209	0.012 - 1.7	0.10	25.0
Thiabendazole	F	22.2	724	161	0.005 - 0.20	0.03	5.0
<b>2 Bananas (5 pesticides)</b>							
Azoxystrobin	F	52.3	703	368	0.003 - 0.020	0.004	0.1
Buprofezin	I	7.3	703	51	0.002 - 0.14	0.022	0.20
Fenpropimorph	F	10.5	703	74	0.005 - 0.018	0.006	2.0
Myclobutanil	F	11	703	77	0.007 - 0.098	0.033	4.0
Thiabendazole	F	41	703	288	0.005 - 0.21	0.050	3.0
<b>3 Blueberries, Cultivated, Fresh (17 pesticides)</b>							
Acetamiprid *	I	38.7	168	65	0.002 - 0.54	0.089	1.6
Azoxystrobin	F	23.8	168	40	0.002 - 1.4	0.12	10.0
Bifenthrin *	I	6	168	10	0.004 - 0.11	0.024	1.8
Boscalid	F	52.4	168	88	0.004 - 3.0	0.21	13.0
Carbendazim (MBC) <sup>2</sup>	F	5.4	168	9	0.001 - 0.010	0.004	NT
Chlorantraniliprole	I	6	168	10	0.011 - 0.086	0.049	2.5
Cypermethrin *	I	11.3	168	19	0.015 - 0.30	0.094	0.8
Cyprodinil	F	31	168	52	0.005 - 0.45	0.074	5.0
Difenoconazole	F	9.5	168	16	0.013 - 0.42	0.10	4.0
Fenhexamid	F	26.2	168	44	0.015 - 2.0	0.21	5
Fludioxonil	F	29.8	168	50	0.025 - 1.7	0.23	3.0
Imidacloprid	I	12.5	168	21	0.003 - 0.18	0.035	3.5
Iprodione	F	6	168	10	0.054 - 1.4	0.47	15.0
Pyraclostrobin	F	26.2	168	44	0.004 - 0.35	0.036	4.0
Spinosad A *	IM	6.5	168	11	0.004 - 0.044	0.010	0.90
Spirotetramat	I	7.7	168	13	0.005 - 0.47	0.082	3.0
Tetrahydrophthalimide (THPI) <sup>1</sup>	FM	6	168	10	0.011 - 0.21	0.084	20.0
<b>4 Broccoli (8 pesticides)</b>							
Azoxystrobin	F	14.7	675	99	0.002 - 1.3	0.055	3.0
Boscalid	F	10.7	675	72	0.002 - 0.78	0.045	6.0
DCPA	H	25.9	675	175	0.002 - 0.28	0.007	5.0
Fluopyram	F	5.6	675	38	0.002 - 0.022	0.003	4.0
Imidacloprid	I	17.8	675	120	0.003 - 0.12	0.012	3.5
Permethrin (parent)							
Permethrin cis <sup>3</sup>	IM	8	675	54	0.002 - 0.12	0.016	2.0
Permethrin trans <sup>3</sup>	IM	6.5	675	44	0.002 - 0.13	0.016	2.0

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Pyraclostrobin	F	9.8	675	66	0.002 - 0.34	0.035	5.0
Thiamethoxam *	I	19	675	128	0.003 - 0.059	0.006	4.5
<b>5 Cantaloupe (10 pesticides)</b>							
Acetamiprid *	I	13.5	694	94	0.002 - 0.026	0.005	0.50
Bifenthrin *	I	8	662	53	0.002 - 0.006	0.003	0.4
Dinotefuran *	I	33.7	694	234	0.003 - 0.13	0.023	0.5
Fluopyram	F	5.8	669	39	0.005 - 0.033	0.009	1.0
Imidacloprid	I	22.9	694	159	0.003 - 0.18	0.014	0.5
Metalaxyl/Mefenoxam <sup>4</sup>	F	13.4	694	93	0.001 - 0.041	0.008	1.0
Oxamyl oxime	IM	5.9	694	41	0.007 - 1.4	0.21	2.0
Propamocarb hydrochloride <sup>5</sup>	F	8.2	694	57	0.002 - 0.014	0.004	1.5
Thiabendazole	F	5	694	35	0.002 - 0.27	0.035	15.0
Thiamethoxam *	I	10.2	694	71	0.003 - 0.040	0.010	0.2
<b>6 Carrots (6 pesticides)</b>							
Azoxystrobin	F	5	499	25	0.010 - 0.043	0.017	1.0
Boscalid	F	18	499	90	0.020 - 0.11	0.040	2.0
Iprodione	F	12.8	499	64	0.015 - 0.087	0.034	5.0
Linuron	H	31.7	499	158	0.010 - 0.17	0.038	1.0
Penthiopyrad	F	10	499	50	0.001 - 0.052	0.010	3.0
Pyraclostrobin	F	11.8	499	59	0.005 - 0.025	0.010	0.4
<b>7 Cauliflower (3 pesticides)</b>							
Flupyradifurone	I	17.9	692	124	0.002 - 0.026	0.003	6
Imidacloprid	I	19.4	692	134	0.003 - 0.059	0.010	3.5
Thiamethoxam *	I	25.9	664	172	0.003 - 0.027	0.005	4.5
<b>8 Collard Greens (21 pesticides)</b>							
Acetamiprid *	I	11.1	514	57	0.002 - 1.1	0.071	15
Atrazine	H	6.4	514	33	0.002 - 0.029	0.005	NT
Azoxystrobin	F	22.4	514	115	0.002 - 11	0.76	25
Bifenthrin *	I	20.8	514	107	0.002 - 5.3	0.30	3.5
Boscalid	F	16.5	514	85	0.003 - 0.34	0.022	60
Chlorantraniliprole	I	19.1	514	98	0.010 - 6.9	0.31	11
Cyfluthrin *	I	21.4	514	110	0.004 - 1.9	0.14	7.0
Cypermethrin *	I	19.5	514	100	0.010 - 4.4	0.33	14.0
DCPA	H	32.7	514	168	0.002 - 0.16	0.021	5.0
Dimethomorph	F	10.5	514	54	0.003 - 2.4	0.12	30.0
Fenamidone	F	9.1	514	47	0.005 - 2.3	0.26	60
Fluopicolide	F	22.4	514	115	0.005 - 1.5	0.097	18
Fluopyram	F	12.1	514	62	0.005 - 1.1	0.044	50
Imidacloprid	I	29.8	514	153	0.003 - 0.34	0.037	3.5
Indoxacarb	I	10.3	514	53	0.020 - 0.92	0.16	12
Mandiopropamid	F	14.6	514	75	0.002 - 2.1	0.32	25
Metalaxyl/Mefenoxam <sup>4</sup>	F	7.4	514	38	0.001 - 0.15	0.014	0.1

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Methoxyfenozide	I	12.8	514	66	0.003 - 5.7	0.43	30
Pyraclostrobin	F	20.8	514	107	0.004 - 2.4	0.30	16
Spinetoram	I	10.2	498	51	0.004 - 0.20	0.031	10
Thiamethoxam (parent) *	I	20.4	514	105	0.003 - 0.69	0.032	3.0
Clothianidin <sup>6</sup> *	I	15.6	514	80	0.010 - 0.28	0.047	3.0
<b>9 Eggplant (15 pesticides)</b>							
Acetamiprid *	I	12.9	661	85	0.002 - 0.17	0.024	0.20
Azoxystrobin	F	7.3	661	48	0.002 - 0.043	0.006	3.0
Bifenthrin *	I	7.7	661	51	0.002 - 0.078	0.015	0.05
Carbaryl	I	5.6	661	37	0.002 - 0.35	0.090	5.0
Chlorantraniliprole	I	6.1	661	40	0.003 - 0.010	0.004	1.4
Difenoconazole	F	6.5	661	43	0.002 - 0.046	0.007	0.60
Dinotefuran *	I	11.2	661	74	0.010 - 0.12	0.029	0.7
Fluopicolide	F	5.7	661	38	0.002 - 0.040	0.007	1.6
Fluopyram	F	15.9	661	105	0.002 - 0.099	0.020	4.0
Flupyradifurone	I	7.6	661	50	0.002 - 0.17	0.031	1.5
Imidacloprid	I	28.4	661	188	0.002 - 0.13	0.013	1.0
Penthiopyrad	F	6.1	661	40	0.001 - 0.050	0.010	3.0
Permethrin (parent)							
Permethrin cis <sup>3</sup>	IM	5.1	661	34	0.002 - 0.047	0.016	0.50
Permethrin trans <sup>3</sup>	IM	5.6	661	37	0.002 - 0.069	0.021	0.50
Propamocarb hydrochloride <sup>5</sup>	F	5.1	311	16	0.006 - 0.38	0.076	4
Thiamethoxam (parent) *	I	27.1	661	179	0.003 - 0.10	0.016	0.25
Clothianidin <sup>6</sup> *	I	9.4	661	62	0.003 - 0.087	0.011	0.25
<b>10 Green Beans (19 pesticides)</b>							
Azoxystrobin	F	23.7	177	42	0.001 - 0.92	0.059	3.0
Bifenthrin *	I	21.5	177	38	0.002 - 0.17	0.039	0.6
Boscalid	F	11.3	177	20	0.004 - 0.37	0.089	5.0
Carbendazim (MBC) <sup>2</sup>	F	23.2	177	41	0.002 - 0.24	0.046	2.0
Chlorantraniliprole	I	14.7	177	26	0.005 - 0.11	0.025	2.0
Chlorothalonil	F	16.4	177	29	0.005 - 0.41	0.087	5
Cyhalothrin, Total <sup>7</sup> *	I	14.1	177	25	0.003 - 0.033	0.015	0.20
Cypermethrin *	I	11.9	177	21	0.008 - 0.17	0.029	0.5
Dicloran	F	7.9	177	14	0.002 - 6.0	0.90	20
Dinotefuran *	I	7.3	177	13	0.003 - 0.031	0.014	0.01
Fluxapyroxad	F	5.1	177	9	0.002 - 0.022	0.008	2.0
Imidacloprid desnitro	IM	9.6	177	17	0.001 - 0.014	0.005	4.0
Metalaxyl/Mefenoxam <sup>4</sup>	F	11.3	177	20	0.001 - 0.020	0.006	0.2
Methamidophos *	I	6.2	177	11	0.002 - 1.1	0.24	0.2
Methomyl	I	5.1	177	9	0.017 - 0.45	0.16	2
Methoxyfenozide	I	6.8	177	12	0.003 - 0.098	0.028	1.5
Penthiopyrad	F	10.7	177	19	0.002 - 0.33	0.039	4.0
Pyraclostrobin	F	16.9	177	30	0.002 - 0.17	0.027	0.5
Tebuconazole	F	6.2	177	11	0.003 - 0.054	0.022	0.1

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
<b>11 Kiwi Fruit (2 pesticides)</b>							
Cyprodinil	F	12.4	177	22	0.038 - 0.87	0.38	1.8
Fludioxonil	F	11.3	177	20	0.070 - 3.1	0.83	20
<b>12 Orange Juice (3 pesticides)</b>							
Diflubenzuron	I	26.3	499	131	0.001 - 0.004	0.002	3.0
Imazalil	F	19.2	499	96	0.003 - 0.085	0.027	10.0
Thiabendazole	F	26.7	499	133	0.001 - 0.12	0.019	10.0
<b>13 Radishes (5 pesticides)</b>							
Azoxystrobin	F	10.9	689	75	0.002 - 0.19	0.022	1.0
Chlorpyrifos *	I	8.4	689	58	0.005 - 0.10	0.021	2.0
DCPA	H	21.2	689	146	0.005 - 0.24	0.044	2.0
Flonicamid	I	6.4	689	44	0.010 - 0.12	0.037	0.60
Pyraclostrobin	F	8.4	689	58	0.003 - 0.17	0.027	0.4
<b>14 Summer Squash (15 pesticides)</b>							
Acetamiprid *	I	8.5	176	15	0.002 - 0.015	0.008	0.50
Bifenthrin *	I	10.8	176	19	0.001 - 0.11	0.014	0.4
Chlorothalonil	F	9	89	8	0.005 - 0.029	0.011	5.0
Dinotefuran *	I	9.7	176	17	0.003 - 0.30	0.055	0.5
Flonicamid	I	6.8	176	12	0.014 - 0.31	0.072	1.5
Fluopicolide	F	5.1	176	9	0.002 - 0.034	0.009	0.50
Fluopyram	F	14.8	176	26	0.002 - 0.11	0.032	0.60
Flupyradifurone	I	13.6	176	24	0.002 - 0.038	0.008	0.40
Flutriafol	F	10.8	176	19	0.001 - 0.015	0.005	0.30
Imidacloprid (parent)	I	45.5	176	80	0.003 - 0.14	0.025	0.5
Imidacloprid desnitro <sup>8</sup>	IM	49.4	89	44	0.001 - 0.012	0.003	0.5
Imidacloprid urea <sup>8</sup>	IM	9	89	8	0.002 - 0.004	0.002	0.5
Metalaxyl/Mefenoxam <sup>4</sup>	F	8	176	14	0.001 - 0.031	0.008	1.0
Propamocarb (parent)	F	12.4	89	11	0.002 - 0.18	0.051	1.5
Propamocarb hydrochloride <sup>5</sup>	F	5.7	87	5	0.001 - 0.032	0.012	1.5
Pydiflumetofen	F	6.2	176	11	0.001 - 0.016	0.008	0.50
Pyraclostrobin	F	10.8	176	19	0.001 - 0.025	0.010	0.5
Thiamethoxam (parent) *	I	29.5	176	52	0.001 - 0.17	0.023	0.2
Clothianidin <sup>6</sup> *	I	6.8	176	12	0.001 - 0.005	0.003	0.2
<b>15 Sweet Bell Peppers (23 pesticides)</b>							
Acetamiprid *	I	7.7	675	52	0.011 - 0.28	0.048	0.20
Azoxystrobin	F	29.6	675	200	0.002 - 0.11	0.016	3.0
Bifenthrin *	I	7.4	675	50	0.005 - 0.11	0.028	0.5
Boscalid	F	8.6	675	58	0.010 - 0.33	0.049	3.0
Chlorfenapyr *	I	9.6	675	65	0.005 - 0.32	0.071	2
Chlorothalonil	F	9.5	675	64	0.005 - 0.20	0.031	6.0
Cypermethrin *	I	9	675	61	0.010 - 0.27	0.044	0.2

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Difenoconazole	F	17.8	675	120	0.005 - 0.49	0.034	0.60
Dinotefuran *	I	7.6	675	51	0.010 - 0.44	0.061	0.7
Flonicamid	I	11.1	675	75	0.011 - 0.44	0.055	3.0
Fluopyram	F	17.3	675	117	0.010 - 0.18	0.034	4.0
Imidacloprid	I	21.5	675	145	0.010 - 1.6	0.055	1.0
Metalaxyl/Mefenoxam <sup>4</sup>	F	17.9	675	121	0.005 - 0.23	0.033	1.0
Methomyl	I	5	675	34	0.011 - 0.20	0.068	2
Myclobutanil	F	8.4	675	57	0.006 - 0.19	0.032	4.0
Novaluron *	I	7.7	675	52	0.010 - 0.092	0.030	2
Oxamyl (parent)	I	5.3	675	36	0.010 - 1.2	0.098	2.0
Oxamyl oxime <sup>9</sup>	IM	22.2	675	150	0.010 - 0.48	0.076	2.0
Permethrin Total	I	6.4	675	43	0.005 - 0.46	0.068	0.50
Propamocarb	F	7.3	675	49	0.010 - 0.36	0.086	4
Pyraclostrobin	F	24.7	675	167	0.003 - 0.46	0.029	1.4
Spiromesifen	I	12.6	675	85	0.002 - 0.21	0.018	0.45
Thiacloprid	I	7.1	675	48	0.010 - 0.12	0.041	1.0
Thiamethoxam (parent) *	I	22.5	675	152	0.010 - 0.48	0.046	0.25
Clothianidin <sup>6</sup> *	I	19.9	675	134	0.010 - 0.25	0.046	0.80

#### 16 Tangerines (7 pesticides)

Acetamiprid *	I	13.1	687	90	0.002 - 0.064	0.011	1.0
Azoxystrobin	F	17.9	687	123	0.002 - 0.13	0.028	15.0
Fludioxonil	F	28.7	687	197	0.005 - 0.21	0.026	10
Imazalil	F	93.3	687	641	0.005 - 1.3	0.17	10.0
Propiconazole	F	8.3	687	57	0.005 - 0.066	0.018	8.0
Pyrimethanil	F	17.2	687	118	0.005 - 0.50	0.060	10
Thiabendazole	F	77.1	687	530	0.011 - 1.2	0.18	10.0

#### 17 Tomato Paste (12 pesticides)

Azoxystrobin	F	72.5	506	367	0.001 - 0.023	0.006	0.6
Bifenthrin *	I	52.3	505	264	0.001 - 0.040	0.009	0.15
Cyhalothrin, Total <sup>7</sup> *	I	15	506	76	0.003 - 0.009	0.004	0.1
Difenoconazole	F	61.1	506	309	0.001 - 0.020	0.005	0.60
Esfenvalerate *	I	5.5	290	16	0.005 - 0.010	0.006	0.5
Fluopyram	F	13.2	506	67	0.001 - 0.018	0.005	1.0
Fluxapyroxad	F	36.6	506	185	0.001 - 0.019	0.005	0.7
Imidacloprid	I	40.1	506	203	0.003 - 0.024	0.006	6.0
Methoxyfenozide	I	15.2	506	77	0.003 - 0.019	0.005	2.0
Penthiopyrad	F	5.7	506	29	0.001 - 0.010	0.003	3.5
Thiamethoxam (parent) *	I	12.6	506	64	0.001 - 0.008	0.003	0.80
Clothianidin <sup>6</sup> *	I	24.7	506	125	0.001 - 0.013	0.004	0.80
Trifloxystrobin	F	10.1	506	51	0.001 - 0.011	0.003	0.5

#### 18 Winter Squash (10 pesticides)

Acetamiprid *	I	5.9	677	40	0.001 - 0.017	0.003	0.50
Bifenthrin *	I	21.7	677	147	0.001 - 0.15	0.008	0.4

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Chlorothalonil	F	10.2	677	69	0.005 - 0.49	0.046	5.0
Cyflufenamid	F	10.6	677	72	0.001 - 0.056	0.009	0.10
Imidacloprid (parent)	I	34.6	677	234	0.003 - 0.20	0.016	0.5
Imidacloprid desnitro	IM	29	62	18	0.001 - 0.007	0.003	0.5
Metalaxyl/Mefenoxam <sup>4</sup>	F	5.5	677	37	0.001 - 0.17	0.019	1.0
Propamocarb	F	9.2	677	62	0.001 - 0.34	0.10	1.5
Pyraclostrobin	F	6.8	677	46	0.001 - 0.010	0.003	0.5
Tebuconazole	F	7.4	677	50	0.001 - 0.016	0.004	0.4
Thiamethoxam *	I	14.3	677	97	0.001 - 0.022	0.004	0.2

#### **NOTES**

A Excludes environmental contaminants, which are listed in Appendix C.

NT No tolerance established.

\* Residue may result from food handling establishment (FHE) application.

1 Metabolite of captafol and captan.

2 Metabolite of benomyl and thiophanate methyl.

3 Isomer of parent, permethrin.

4 Metalaxyl/mefenoxam are spatial isomers which are analytically indistinguishable via multiresidue methods, but have separate registrations.

5 Propamocarb analytically determined as the salt (hydrochloride).

6 Metabolite of parent, thiamethoxam.

7 Includes cyhalothrin lambda plus R157836 epimer.

8 Metabolite of parent, imidacloprid.

9 Metabolite of parent, oxamyl.

#### **Pesticide Types:**

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

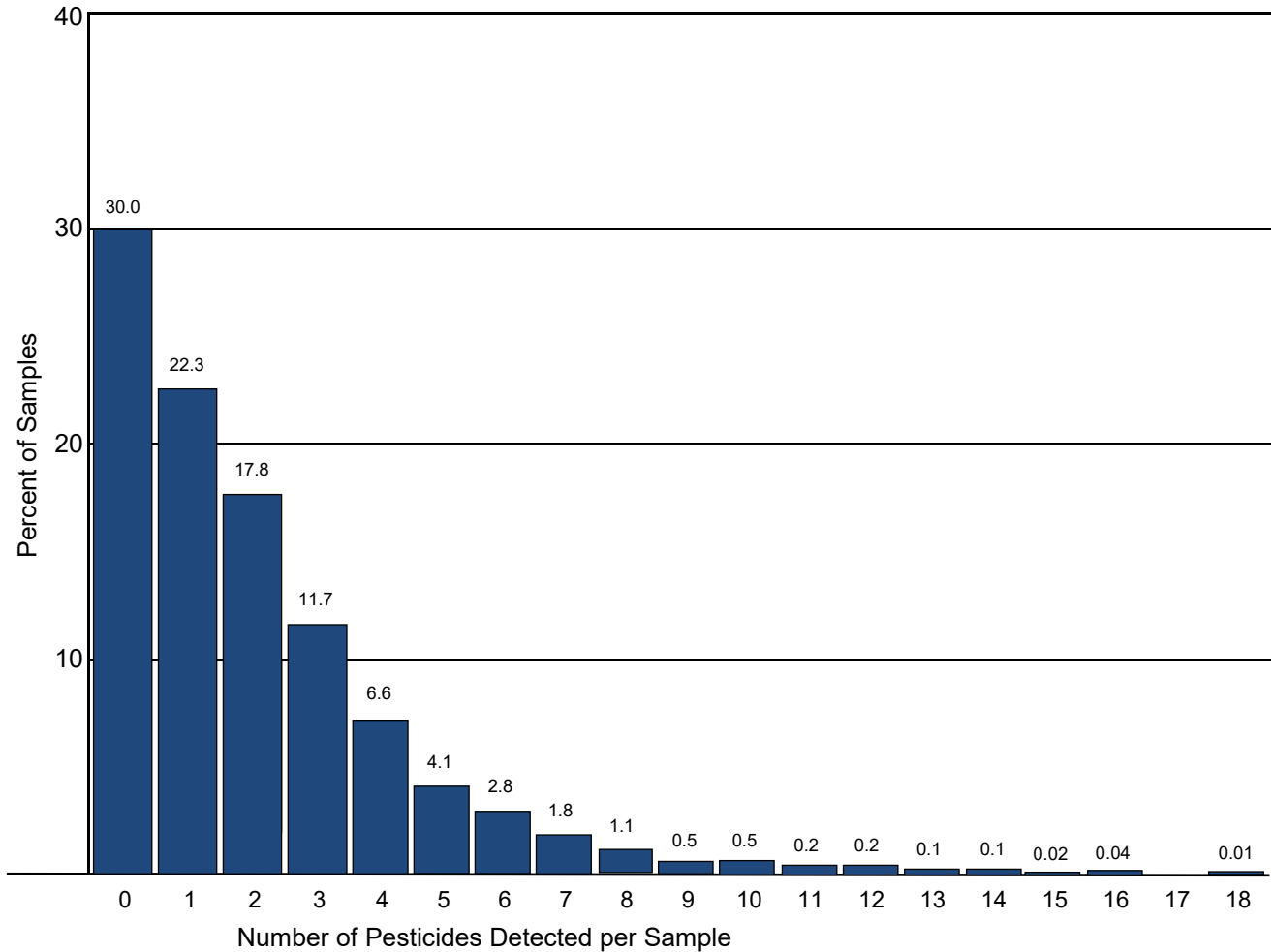
## **Appendix G**

### **Number of Pesticides Detected per Sample**

Appendix G shows the percentage of samples versus the number of pesticides detected per sample. The graph and data on page 1 show the overall number of samples and percentages (of total number of samples analyzed) for each detection group across all commodities. The table on page 2 shows the number of pesticides detected by individual commodity. For the 9,600 samples analyzed, 30.0 percent of the samples had no detectable pesticides, 22.3 percent had 1 pesticide, and 47.7 percent of the samples had more than 1 pesticide.

This appendix reports the number of distinct pesticides rather than residues. A parent compound and its metabolites are reported as a single pesticide.

## APPENDIX G. NUMBER OF PESTICIDES <sup>1</sup> DETECTED PER SAMPLE



	Number of Pesticides Detected per Sample																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
# of																			
Samples	2,878	2,141	1,712	1,127	635	398	269	172	109	46	44	23	22	10	7	2	4	0	1
% of Total																			
Samples	30.0	22.3	17.8	11.7	6.6	4.1	2.8	1.8	1.1	0.5	0.5	0.2	0.2	0.1	0.1	0.02	0.04	-	0.01

**TOTAL NUMBER OF SAMPLES = 9,600**

*Multiple pesticide detections may result from the application of more than one pesticide, spray drift, crop rotation, and/or cross-contamination.*

**NOTES**

<sup>1</sup> Environmental contaminants, listed in Appendix C, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."



## APPENDIX G. NUMBER OF PESTICIDES DETECTED PER SAMPLE

Commodity (# of samples)	Number of Pesticides <sup>1</sup> Detected per Sample																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Fresh Fruit and Vegetables:</b>	Percent																		
Bananas (703)	26.2	27.6	35.4	8.0	2.3	0.4	0.1	--	--	--	--	--	--	--	--	--	--	--	--
Blueberries, Cultivated (168)	22.7	27.3	37.4	9.7	2.5	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli (675)	19.9	29.8	21.0	16.3	6.2	4.4	2.1	--	--	--	0.1	--	0.1	--	--	--	--	--	--
Cantaloupe (694)	27.2	28.7	24.4	13.7	4.6	1.0	0.4	--	--	--	--	--	--	--	--	--	--	--	--
Carrots (499)	39.7	31.9	16.4	5.8	2.4	2.6	1.0	0.2	--	--	--	--	--	--	--	--	--	--	--
Cauliflower (692)	41.0	41.3	13.9	2.7	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Collard Greens (514)	15.8	14.6	11.1	10.3	9.7	10.3	6.2	7.2	5.3	1.8	2.5	1.4	1.2	0.8	1.2	0.4	0.4	--	--
Eggplant (661)	26.5	23.9	15.4	13.9	7.7	6.1	3.6	1.5	0.8	0.3	0.2	0.2	--	--	--	--	--	--	--
Green Beans (177)	20.3	18.1	11.3	12.4	15.3	5.6	6.8	3.4	4.5	--	1.1	--	0.6	0.6	--	--	--	--	--
Kiwi Fruit (177)	73.4	19.8	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Radishes (689)	58.9	21.9	7.7	7.8	2.3	1.2	0.1	--	--	--	--	--	--	--	--	--	--	--	--
Summer Squash (176)	18.2	17.6	21.0	18.8	10.2	4.5	3.4	1.1	2.3	1.1	1.1	0.6	--	--	--	--	--	--	--
Sweet Bell Peppers (675)	13.8	11.6	13.0	14.2	10.7	9.8	8.0	7.1	4.4	2.5	2.1	1.2	1.0	0.3	0.1	--	--	--	0.1
Tangerines (687)	2.5	8.3	37.4	30.6	16.7	3.8	0.6	0.1	--	--	--	--	--	--	--	--	--	--	--
Winter Squash (677)	23.9	24.1	18.9	12.3	8.6	4.3	2.7	2.2	1.6	0.4	0.3	0.3	0.1	0.1	--	--	0.1	--	--
<b>Processed Fruit and Vegetables:</b>																			
Apple Juice (724)	53.9	18.9	7.5	8.3	3.9	2.6	2.9	1.5	0.6	--	--	--	--	--	--	--	--	--	--
Blueberries, Frozen (7)	14.3	14.3	--	14.3	--	14.3	--	--	--	--	--	28.6	14.3	--	--	--	--	--	--
Orange Juice (499)	50.3	25.9	19.2	4.2	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato Paste (506)	16.8	6.9	9.5	13.4	13.2	13.8	12.5	6.1	2.6	2.2	1.6	0.4	0.8	0.2	--	--	--	--	--
Percent of Total Samples	30.0	22.3	17.8	11.7	6.6	4.1	2.8	1.8	1.1	0.5	0.5	0.2	0.2	0.1	0.1	0.02	0.04	--	0.01
Actual Number of Samples	2,878	2,141	1,712	1,127	635	398	269	172	109	46	44	23	22	10	7	2	4	0	1
<b>TOTAL NUMBER OF FRUIT &amp; VEGETABLE SAMPLES = 9,600</b>																			

**NOTES**

<sup>1</sup> Environmental contaminants, listed in Appendix C, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

## Appendix H

### **Samples Reported to the U.S. Food and Drug Administration as Exceeding the Tolerance or Without Established Tolerance (per Code of Federal Regulations, Title 40, Part 180)**

Appendix H shows pesticide residues reported to the U.S. Food and Drug Administration (FDA) as exceeding the tolerance or residues for which no established tolerance was listed under the Code of Federal Regulations, Title 40, Part 180. In 2020, a total of 341 samples with 378 pesticides were reported to the FDA as Presumptive Tolerance Violations.

Pesticides exceeding the tolerance were detected in 47 samples including 1 sample of fresh blueberries, 5 samples of carrots, 2 samples of eggplant, 10 samples of green beans, 16 samples of collard greens, 6 samples of sweet bell peppers, 4 samples of radishes, 2 samples of tangerines, and 1 sample of winter squash. Of those 47 samples, 11 were reported as imported produce. One green bean sample contained 3 residues that exceeded the established tolerances. Five green bean samples, 1 collard green sample, and 1 sweet bell pepper sample contained 2 residues each that exceeded the established tolerances.

In addition, 303 samples were found to have pesticides for which no tolerance was established, including 295 fresh fruit and vegetable samples and 8 processed fruit/vegetable samples.

- 283 samples contained 1 pesticide for which no tolerance was established.
- 16 samples contained 2 pesticides for which no tolerances were established.
- 3 samples contained 3 pesticides for which no tolerances were established.
- 1 sample contained 4 pesticides for which no tolerances were established.

Nine of the 303 samples also contained one or more pesticides that exceeded an established tolerance.

The columns under the Sample Origin heading provide the number of samples that were of domestic, imported, or unknown origin for each pesticide/commodity pair listed.

Appendix H also notes if metabolites (or isomers) were detected as part of the same sample. In instances where both parent and metabolite (or isomer) were detected, the Pesticide Data Program accounted for both as part of the same tolerance expression.

The EPA tolerances cited in this summary and appendixes apply to 2020 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

A number of the findings shown in this appendix are less than 0.01 ppm. Levels below 0.01 ppm are deemed by the U.S. FDA to be “not of regulatory significance”.

**APPENDIX H. SAMPLES REPORTED TO FDA AS EXCEEDING THE TOLERANCE  
OR WITHOUT ESTABLISHED TOLERANCE  
(per Code of Federal Regulations, Title 40, Part 180)**

**Residues Exceeding Established Tolerance**

Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
1 Blueberries, Cultivated, Fresh / Cyhalothrin, Total <sup>1</sup>	0.005	0.027	0.01	Mexico
2 Carrots / EPTC	0.035	0.36	0.1	U.S.
3 Carrots / EPTC	0.035	0.27	0.1	U.S.
4 Carrots / EPTC	0.035	0.24	0.1	U.S.
5 Carrots / EPTC	0.035	0.22	0.1	U.S.
6 Carrots / EPTC	0.035	0.2	0.1	U.S.
7 Collard Greens / Bifenthrin	0.002	5.3	3.5	U.S.
8 Collard Greens / Bifenthrin <sup>2</sup>	0.002	4.8	3.5	U.S.
9 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.52	0.01	U.S.
10 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.22	0.01	U.S.
11 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.17	0.01	U.S.
12 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.17	0.01	Unknown
13 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.16	0.01	U.S.
14 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.048	0.01	U.S.
15 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.045	0.01	U.S.
16 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.028	0.01	U.S.
17 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.027	0.01	U.S.
18 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.023	0.01	U.S.
19 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.021	0.01	U.S.
20 Collard Greens / Cyhalothrin, Total <sup>1</sup>	0.005	0.02	0.01	U.S.
21 Collard Greens / Diazinon	0.005	2.1	0.70	U.S.
22 Collard Greens / Tetrahydrophthalimide (THPI) <sup>2,3</sup>	0.01	0.42	0.05	U.S.
23 Collard Greens / Tetrahydrophthalimide (THPI) <sup>3</sup>	0.01	0.2	0.05	U.S.
24 Eggplant / Acephate	0.075	0.1	0.02	U.S.
25 Eggplant / Bifenthrin	0.005	0.078	0.05	U.S.
26 Green Beans / Acephate <sup>4,5</sup>	0.005	6.8	0.02	U.S.
27 Green Beans / Acephate <sup>4,6</sup>	0.005	4.5	0.02	U.S.
28 Green Beans / Acephate <sup>4,7</sup>	0.005	0.61	0.02	Mexico
29 Green Beans / Acephate <sup>4,8</sup>	0.005	0.19	0.02	Mexico
30 Green Beans / Acephate <sup>4,9</sup>	0.005	0.13	0.02	Mexico
31 Green Beans / Acephate <sup>4,10</sup>	0.005	0.073	0.02	Mexico

Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
32 Green Beans / Acephate	0.005	0.031	0.02	Mexico
33 Green Beans / Buprofezin <sup>6</sup>	0.001	0.031	0.02	U.S.
34 Green Beans / Dinotefuran	0.003	0.031	0.01	U.S.
35 Green Beans / Dinotefuran	0.003	0.023	0.01	U.S.
36 Green Beans / Dinotefuran	0.003	0.021	0.01	Mexico
37 Green Beans / Methamidophos <sup>4, 5</sup>	0.001	1.1	0.02	U.S.
38 Green Beans / Methamidophos <sup>4, 6</sup>	0.001	1.1	0.02	U.S.
39 Green Beans / Methamidophos <sup>4, 7</sup>	0.001	0.2	0.02	Mexico
40 Green Beans / Methamidophos <sup>4, 8</sup>	0.001	0.088	0.02	Mexico
41 Green Beans / Methamidophos <sup>4, 10</sup>	0.001	0.044	0.02	Mexico
42 Green Beans / Methamidophos <sup>4, 9</sup>	0.001	0.038	0.02	Mexico
43 Radishes / Fluopicolide	0.01	0.28	0.15	U.S.
44 Radishes / Fluopicolide	0.01	0.21	0.15	U.S.
45 Radishes / Fluopicolide	0.01	0.21	0.15	U.S.
46 Radishes / Thiamethoxam	0.01	0.087	0.05	U.S.
47 Sweet Bell Peppers / Acetamiprid	0.01	0.28	0.20	U.S.
48 Sweet Bell Peppers / Cyhalothrin, Total <sup>1, 11</sup>	0.008	0.97	0.20	Dominican Republic
49 Sweet Bell Peppers / Imidacloprid <sup>11</sup>	0.01	1.6	1.0	Dominican Republic
50 Sweet Bell Peppers / Thiamethoxam	0.01	0.48	0.25	Mexico
51 Sweet Bell Peppers / Thiamethoxam	0.01	0.35	0.25	U.S.
52 Sweet Bell Peppers / Thiamethoxam	0.01	0.33	0.25	Mexico
53 Sweet Bell Peppers / Thiamethoxam	0.01	0.27	0.25	El Salvador
54 Tangerines / Formetanate hydrochloride	0.005	0.13	0.03	U.S.
55 Tangerines / Formetanate hydrochloride	0.005	0.13	0.03	U.S.
56 Winter Squash / Acephate	0.005	0.052	0.02	U.S.

**Distribution of Residues with No Tolerance Listed in 40 CFR, Part 180,  
by Commodity/Pesticide**

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Sample Origin		
						U.S.	Import	Unk.
<b>1 Blueberries, Cultivated, Fresh (5 pesticides)</b>								
3-Hydroxycarbofuran	168	1	0.6	0.004	0.003	0	1	0
Carbendazim (MBC) <sup>12</sup>	168	9	5.4	0.001 - 0.010	0.001	2	7	0
Cyphenothrin	168	1	0.6	0.059	0.015	0	1	0
Myclobutanil	168	3	1.8	0.005 - 0.093	0.003	0	3	0
Thiabendazole	168	1	0.6	0.008	0.002	0	1	0
<b>2 Broccoli (15 pesticides)</b>								
Atrazine	675	3	0.4	0.002 - 0.003	0.001	2	0	1
Carbendazim (MBC) <sup>12</sup>	675	2	0.3	0.020 - 0.15	0.003	1	1	0
Chlorpropham	675	26	3.9	0.002 - 0.016	0.001	24	2	0
Dicloran	675	2	0.3	0.004	0.002	1	1	0
Etoxazole	675	1	0.1	0.002	0.001	1	0	0
Fipronil	675	1	0.1	0.002	0.001	0	1	0
Linuron	675	1	0.1	0.010	0.002	1	0	0
Metribuzin	675	1	0.1	0.003	0.002	1	0	0
Norflurazon desmethyl	675	1	0.1	0.002	0.001	1	0	0
Pirimiphos methyl	675	1	0.1	0.008	0.001	1	0	0
Pronamide	675	9	1.3	0.002 - 0.012	0.001 - 0.003	9	0	0
Pyrimethanil	675	4	0.6	0.002 - 0.63	0.001	1	3	0
Spirodiclofen	655	1	0.2	0.010	0.006	1	0	0
Tebuconazole	675	1	0.1	0.003	0.001	1	0	0
Thiobencarb	675	1	0.1	0.034	0.003	1	0	0
<b>3 Cantaloupe (3 pesticides)</b>								
Mirex	694	3	0.4	0.002	0.001	3	0	0
Pentachloroaniline (PCA)	694	3	0.4	0.004 - 0.006	0.004	3	0	0
Pronamide	694	3	0.4	0.003 - 0.005	0.002	3	0	0
<b>4 Carrots (4 pesticides)</b>								
Atrazine	499	1	0.2	0.001	0.001	1	0	0
Pyrimethanil	499	10	2	0.005 - 0.035	0.005	9	1	0
Quintozene (PCNB) (parent) <sup>13</sup>								
Pentachloroaniline (PCA)	499	8	1.6	0.006 - 0.018	0.005	2	6	0
Pentachlorobenzene (PCB)	499	2	0.4	0.005	0.002	0	2	0
Tebuconazole	499	1	0.2	0.023	0.015	0	1	0
<b>5 Cauliflower (5 pesticides)</b>								
Chlorpropham	692	7	1	0.002 - 0.003	0.001	7	0	0
Hexythiazox	692	1	0.1	0.003	0.002	1	0	0
Norflurazon desmethyl	692	1	0.1	0.002	0.001	1	0	0
Spirodiclofen	692	1	0.1	0.010	0.006	1	0	0
Thiobencarb	692	2	0.3	0.002 - 0.009	0.001	1	1	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Sample Origin		
						U.S.	Import	Unk.
<b>6 Collard Greens (15 pesticides)</b>								
Atrazine	514	33	6.4	0.002 - 0.029	0.002	32	1	0
Bromacil	514	1	0.2	0.004	0.003	1	0	0
Chlorothalonil	514	10	1.9	0.025 - 7.7	0.020	10	0	0
Chlorpropham	514	1	0.2	0.048	0.020	0	1	0
Cymoxanil	514	1	0.2	0.006	0.005	1	0	0
Dimethoate	514	1	0.2	0.009	0.005	0	1	0
Diuron	482	2	0.4	0.002 - 0.004	0.002	2	0	0
Famoxadone	514	2	0.4	0.029 - 0.053	0.025	2	0	0
Fenpropimorph	450	1	0.2	0.001	0.001	1	0	0
Linuron	514	5	1	0.009 - 0.023	0.008	3	2	0
Metribuzin	514	6	1.2	0.006 - 0.042	0.005	6	0	0
Oxamyl (parent) <sup>14</sup>	514	3	0.6	0.011 - 0.96	0.003	2	1	0
Oxamyl oxime	514	1	0.2	0.052	0.007	0	1	0
Pronamide	514	14	2.7	0.002 - 0.020	0.002	14	0	0
Propamocarb hydrochloride	514	3	0.6	0.006 - 0.054	0.002	3	0	0
Propargite	514	1	0.2	0.099	0.050	1	0	0
<b>7 Eggplant (6 pesticides)</b>								
Chlorpropham	661	5	0.8	0.002 - 0.020	0.001 - 0.010	2	3	0
Dimethoate	661	1	0.2	0.002	0.001 - 0.010	1	0	0
Imazalil	661	2	0.3	0.002	0.001 - 0.005	0	2	0
Pyrimethanil	661	4	0.6	0.002 - 0.007	0.001 - 0.005	1	3	0
Thiacloprid	661	7	1.1	0.002 - 0.049	0.001 - 0.005	1	6	0
Thiophanate methyl	311	1	0.3	0.11	0.10	1	0	0
<b>8 Green Beans (12 pesticides)</b>								
Atrazine	177	1	0.6	0.002	0.001	1	0	0
Chlorpropham	177	4	2.3	0.002 - 0.015	0.001	1	1	2
Difenoconazole	177	3	1.7	0.002 - 0.004	0.001	0	3	0
Diflubenzuron	177	2	1.1	0.001 - 0.032	0.001	2	0	0
Fenpropathrin	177	2	1.1	0.003 - 0.058	0.001	0	2	0
Fipronil (parent) <sup>15</sup>	177	1	0.6	0.061	0.001	0	1	0
Fipronil sulfone (MB46136)	177	1	0.6	0.009	0.001	0	1	0
Flutriafol	177	3	1.7	0.001 - 0.004	0.001	3	0	0
Isoprothiolane	177	4	2.3	0.001 - 0.002	0.001	4	0	0
Permethrin Total <sup>16</sup>	177	1	0.6	0.004	0.003	0	1	0
Profenofos	177	1	0.6	0.003	0.001	0	1	0
Propamocarb	177	7	4	0.002 - 0.060	0.001	3	4	0
Pyrimethanil	177	1	0.6	0.009	0.005	0	1	0
<b>9 Kiwi Fruit (2 pesticides)</b>								
Boscalid	177	3	1.7	0.030 - 0.087	0.015	1	2	0
Buprofezin	177	1	0.6	0.002	0.001	1	0	0
<b>10 Orange Juice (2 pesticides)</b>								
Carbendazim (MBC) <sup>12</sup>	499	1	0.2	0.002	0.001	0	1	0
Diphenylamine (DPA)	499	1	0.2	0.002	0.001	1	0	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Sample Origin		
						U.S.	Import	Unk.
<b>11 Radishes (6 pesticides)</b>								
Carbendazim (MBC) <sup>12</sup>	689	1	0.1	0.085	0.010	0	1	0
Chlorpropham	689	1	0.1	0.008	0.005	1	0	0
Indoxacarb	689	1	0.1	0.013	0.010	0	1	0
Permethrin Total <sup>16</sup>	689	3	0.4	0.011 - 0.10	0.005	1	2	0
Propamocarb	689	2	0.3	0.16 - 0.58	0.010	0	2	0
Pyrimethanil	689	1	0.1	0.12	0.003	0	1	0
<b>12 Summer Squash (3 pesticides)</b>								
Forchlorfenuron	176	1	0.6	0.001	0.001	0	1	0
Pentachloroaniline (PCA)	176	1	0.6	0.001	0.001 - 0.005	1	0	0
Quinoxifen	176	3	1.7	0.001 - 0.006	0.001	1	2	0
<b>13 Sweet Bell Peppers (4 pesticides)</b>								
Carbendazim (MBC) <sup>12</sup>	675	1	0.1	0.012	0.010	0	1	0
Chlorpropham	675	5	0.7	0.005 - 0.014	0.005	1	4	0
Etridiazole	675	2	0.3	0.006 - 0.008	0.005	0	2	0
Fipronil	675	1	0.1	0.014	0.005	0	1	0
<b>14 Tangerines (6 pesticides)</b>								
Benzovindiflupyr	687	1	0.1	0.006	0.005	0	1	0
Carbendazim (MBC) <sup>12</sup>	687	1	0.1	0.13	0.050	1	0	0
Fenarimol	687	1	0.1	0.005	0.005	0	1	0
Isopyrazam	687	1	0.1	0.006	0.005	0	1	0
Simazine	687	1	0.1	0.006	0.005	1	0	0
Tebuconazole	687	2	0.3	0.005	0.005	1	1	0
<b>15 Tomato Paste (3 pesticides)</b>								
Diphenylamine (DPA)	256	3	1.2	0.001 - 0.002	0.001	3	0	0
Propargite	506	2	0.4	0.002	0.001 - 0.025	2	0	0
Thiabendazole	506	1	0.2	0.002	0.001 - 0.010	0	0	1
<b>16 Winter Squash (9 pesticides)</b>								
Benalaxyl	677	2	0.3	0.009 - 0.010	0.003	0	2	0
Chlorpropham	677	22	3.2	0.001 - 0.052	0.001	8	14	0
Diflubenzuron	677	1	0.1	0.002	0.001	1	0	0
Epoxiconazole	677	5	0.7	0.002 - 0.016	0.001	0	5	0
Imazalil	677	1	0.1	0.007	0.003	0	1	0
Linuron	677	1	0.1	0.003	0.003	1	0	0
Pendimethalin	677	1	0.1	0.001	0.001	1	0	0
Propargite	677	1	0.1	0.002	0.001	1	0	0
Quintozene (PCNB) (parent)								
Pentachloroaniline (PCA)	677	6	0.9	0.002 - 0.004	0.001	4	2	0
Pentachlorobenzene (PCB)	677	1	0.1	0.002	0.001	0	1	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm ^	Range of LODs, ppm ^	Sample Origin		
						U.S.	Import	Unk.

**NOTES**

- 1 Includes cyhalothrin lambda plus its R157836 epimer.
  - 2 Collard Green sample had 2 tolerance exceeders: bifenthrin and tetrahydrophthalimide.
  - 3 Tetrahydrophthalimide (THPI) is a metabolite of captan and captan.
  - 4 Food Handling Establishment (FHE) tolerance of 0.02 ppm was applied to both acephate and its metabolite/degradate methamidophos.
  - 5 Green Bean sample had 2 tolerance exceeders: acephate and its methamidophos metabolite.
  - 6 Green Bean sample had 3 tolerance exceeders: acephate and its methamidophos metabolite and buprofezin.
  - 7 Green Bean sample had 2 tolerance exceeders: acephate and its methamidophos metabolite.
  - 8 Green Bean sample had 2 tolerance exceeders: acephate and its methamidophos metabolite.
  - 9 Green Bean sample had 2 tolerance exceeders: acephate and its methamidophos metabolite.
  - 10 Green Bean sample had 2 tolerance exceeders: acephate and its methamidophos metabolite.
  - 11 Sweet Bell Pepper sample had 2 tolerance exceeders: cyhalothrin and imidacloprid.
  - 12 Carbendazim (MBC) is a metabolite of benomyl and thiophanate methyl.
  - 13 Two Carrot samples contained both the PCA and PCB metabolites of quintozone.
  - 14 One Collard Green sample contained both oxamyl and its oxime metabolite.
  - 15 One Green Bean sample contained both fipronil and its sulfone metabolite.
  - 16 Includes permethrin cis and trans isomers.
- ^ When a range is not listed, only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

**Note:**

*For those pesticide/commodity pairs where the minimum detected value is less than the limit of quantitation (three times the limit of detection), the reported values are estimates. In a few cases, this may apply to the maximum detected value.*



# PESTICIDE DATA PROGRAM

## Annual Summary, Calendar Year 2020

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