United States Department of Agriculture

Agricultural Marketing Service

Science and Technology Program

Pesticide Data Program

Annual Summary, Calendar Year 2015

Visit the program website at: www.ams.usda.gov/pdp

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Dear Reader:

We are pleased to present the Pesticide Data Program's (PDP) 25th Annual Summary for calendar year 2015. The U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS), conducts this program each year to collect data on pesticide residues in food. This report shows that when pesticide residues are found on foods, they are nearly always at levels below the tolerances set by the U.S. Environmental Protection Agency (EPA).

The PDP provides reliable data to help assure consumers that the food they feed themselves and their families is safe. Over 99 percent of the products sampled through PDP had residues below the EPA tolerances. Ultimately, if EPA determines a pesticide is not safe for human consumption, it is removed from the market.

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 ensure that any pesticide residues in foods remain at safe levels. USDA uses the data to better understand the relationship of pesticide residues to agricultural practices and to enhance USDA's Integrated Pest Management objectives. USDA also works with U.S. growers to improve agricultural practices.

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. 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. In instances where a PDP finding is extraordinary and may pose a safety risk, FDA and EPA are notified immediately.

The PDP works with State agencies representing all census regions of the country and approximately half of the U.S. population. In 2015, samples were collected and analyzed 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 more 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/FoodborneIllnessContaminants/Pesticides.

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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 of Food Safety and 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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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. PDP provides high-quality data on residues in food, particularly foods most likely consumed by infants and children. This 25th Pesticide Data Program summary presents results for samples collected in 2015.

This information is provided to the U.S. Environmental Protection Agency (EPA). Before a company can sell or distribute any pesticide in the United States of America, EPA must review studies on the pesticide to determine that it will not pose unreasonable risks to human health or the environment. 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. Government inspectors monitor 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 meets regularly with EPA and other Government agencies to establish program priorities and direction. In 2015, 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 take into account the types and amounts of food consumed by infants and children. The number of samples collected by the States 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 96.9 percent of the total 10,187 samples collected in 2015. Other samples collected included peanut butter, 3.1 percent. Fresh and processed fruit and vegetables tested during 2015 were: apples, cherries (fresh and frozen), cucumbers, grapefruit, grapes, green beans, lettuce, nectarines, oranges, peaches, pears, potatoes, spinach, strawberries, sweet corn (fresh and frozen), tomatoes, and watermelon. Domestic samples accounted for 76.1 percent of the samples while 23.0 percent were imports, and 0.9 percent were of unknown origin.

Because PDP data are mainly used for risk assessments, PDP laboratory methods are geared to detect the lowest possible levels of pesticide residues, even when those levels are well below the tolerances established by EPA. Prior to testing, PDP analysts washed samples for 15-20 seconds with gently running cold water as a consumer would do; no chemicals, soap, or any special wash was used. Results for more than 2 million analyses were reported by the laboratories in 2015 and are too numerous to be included in their entirety in this summary. The PDP database file for 2015 and annual summaries/database files for previous years are available on the PDP website at http://www.ams.usda.gov/pdp or by contacting MPD.

In 2015, over 99 percent of the samples tested had residues well below the tolerances established by the EPA with 15 percent having no detectable pesticide residue. Appendices B through D

provide a distribution of residues by pesticide for the commodities tested. Residues exceeding the established tolerance were detected in 0.53 percent (54 samples) of the total samples tested (10,187 samples). Of these 54 samples, 18 were imported (33 percent) and 36 were domestic (67 percent). Residues with no established tolerance were found in 3.9 percent (394 samples) of the total samples tested (10,187 samples). Of these 394 samples, 259 were domestic (65.7 percent), 129 were imported (32.8 percent), and 6 were of unknown origin (1.5 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 if residues detected exceed the EPA tolerance or have no EPA tolerance established.

PDP laboratories also test foods for low levels of environmental contaminants that are no longer used 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 D. More information on results is provided in the Sample Results and Discussion section of this summary.

PDP continually strives to improve methods for collecting, testing, and reporting data. These data are freely available to EPA and other Federal and State agencies charged with regulating and setting policies on the use of pesticides and to the public by hard copy, Internet, or custom reports generated by MPD. Additional copies of the PDP Annual Summary may be obtained by mailing the form provided at the end of the Summary.

Disclaimer: Mention of a trade name or brand name does not constitute endorsement or recommendation by USDA over similar products or vendors.

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
EPA	U.S. Environmental Protection Agency
e-SIF	Electronic Sample Information Form
FAPAS	Food Analysis Performance Assessment Scheme
FDA	U.S. Food and Drug Administration
FQPA	Food Quality Protection Act
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
MRM	Multiresidue Method
MS	Mass Spectrometry
NASS	National Agricultural Statistics Service
NSL	National Science Laboratories
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
USDA	United States Department of Agriculture

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

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 (Maximum Residue Limits). PDP data also are used by the U.S. Food and Drug Administration (FDA) to assist in planning commodity surveys for pesticide residues from an enforcement/regulatory perspective.

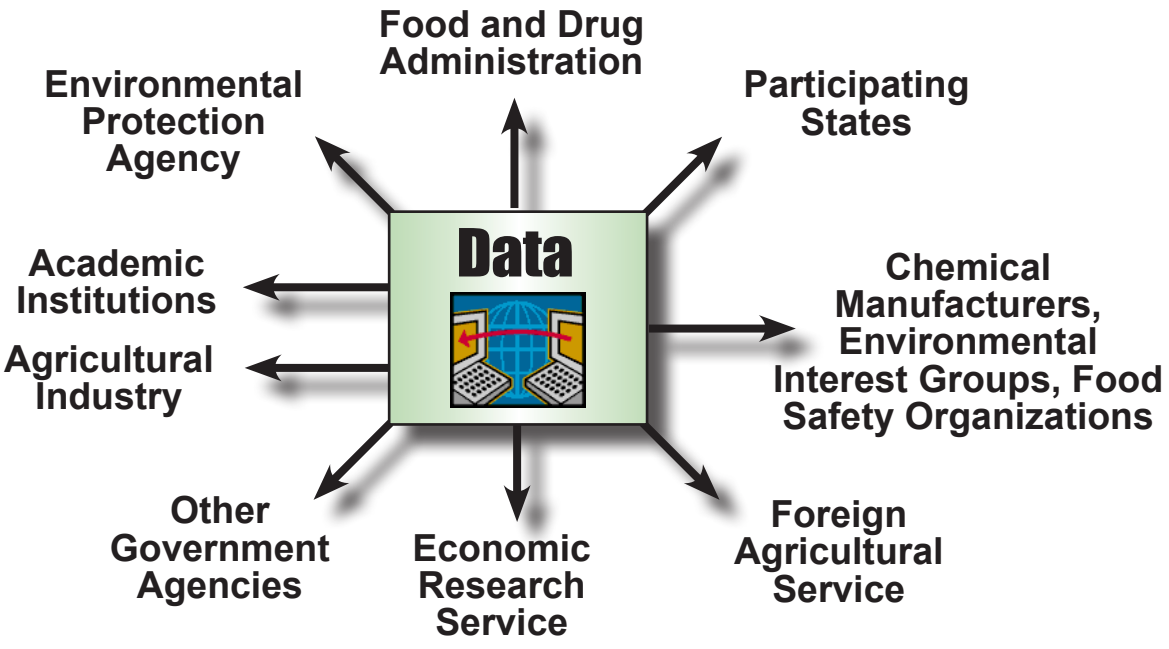
Because PDP collects data on food commodities primarily for exposure assessment, program operations differ markedly from those followed by regulatory monitoring programs for tolerance enforcement. Commodities chosen for inclusion in the program are based on EPA data needs. PDP samples are collected closer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

Figure 1(a) illustrates contributors to PDP policy development and planning operations. Primary contributors to these activities include the participating States, EPA, USDA's National Agricultural Statistics Service (NASS), and additional stakeholders including industry and grower groups. Figure 1(b) depicts PDP primary data users including EPA, FDA, USDA's Economic Research Service and Foreign Agricultural Service, participating States, academic institutions, chemical manufacturers, environmental interest groups, food safety organizations, and groups within the private sector representing food producers. Other Federal, State, and foreign government agencies and industries have used PDP data to promote the export of U.S. commodities to international markets. Additionally, the Codex Alimentarius Committee on Pesticides Residues recognizes PDP methodologies as official and validated methods for the determination of pesticide residues in foods.

In 2015, sampling services were provided by 10 States (California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington). Laboratory services were provided by the States of California, Florida, Michigan, New York, Ohio, Texas, and Washington, along with the AMS National Science Laboratories (NSL). The AMS Monitoring Programs Division (MPD) is responsible for overall management of PDP.

Figure 2 shows the States that participate in program sampling and/or testing. 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. MPD works closely with EPA and FDA to select commodities and pesticides for testing. The selected commodities represent the highest U.S. consumption, with an emphasis on foods consumed by infants and children. Commodities are cycled through the program approximately every 5 years. High-consumption 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, meat, fish, and grains, are tested for 1 full year. Appendix A provides a list of commodities tested by PDP from the beginning of the program in 1991 through 2016.

(a) PDP Policy and Planning Contributions



(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.*

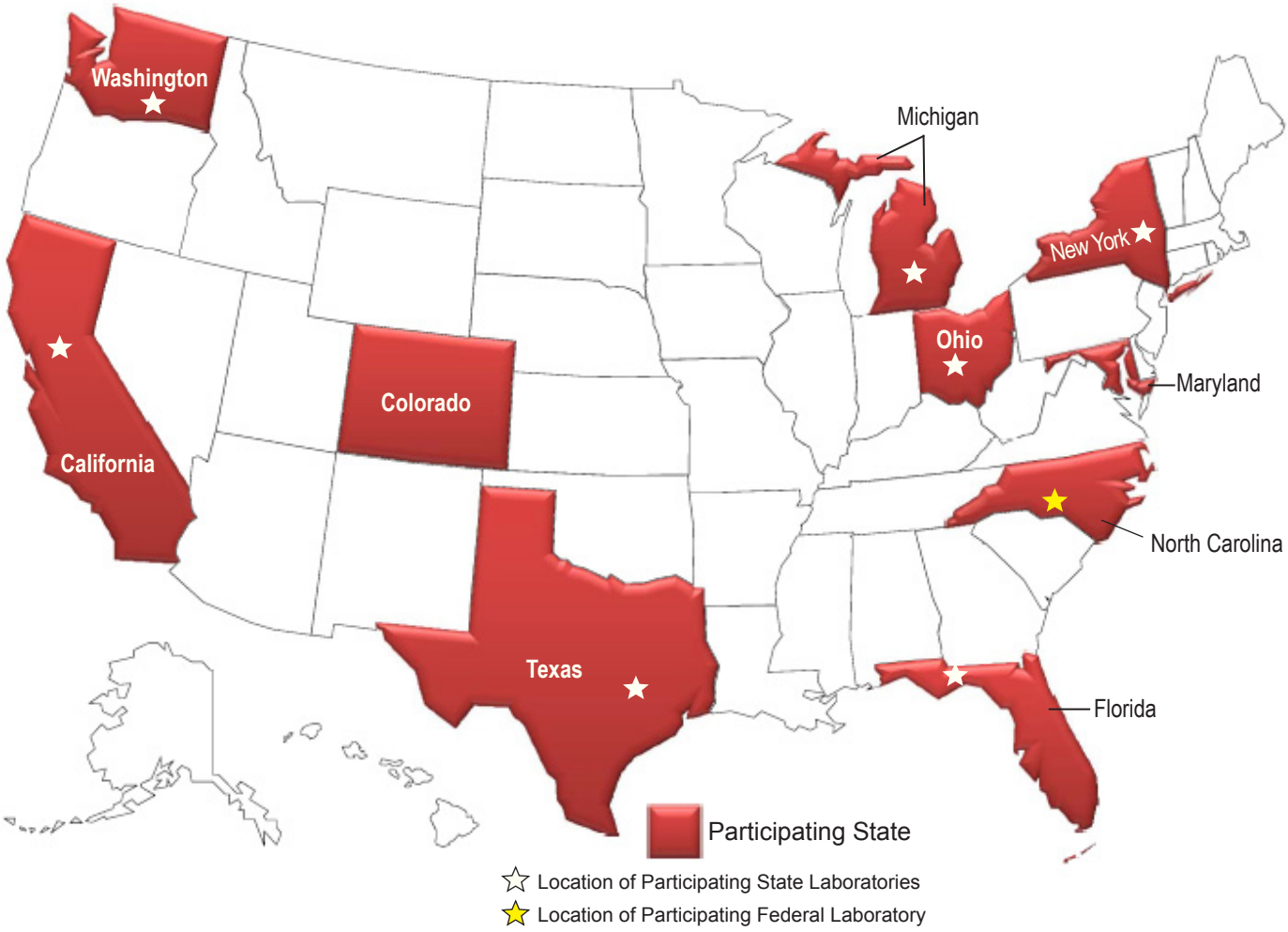


Figure 2. Program Participants. *During 2015, USDA's Agricultural Marketing Service established cooperative agreements with 10 States to sample and/or test Pesticide Data Program commodities. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. They also represent major U.S. producers of fruit and vegetables. State laboratories were responsible for analyzing fresh and processed fruit and vegetable samples. The USDA National Science Laboratory analyzed the peanut butter samples.*

Fruit and vegetable samples are collected at terminal markets[1] and large chain store 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 takes into account 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 2015, over 600 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 screened 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. PDP also monitors pesticides for which EPA has modified use directions (i.e., reduced application rates or

[1] 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.

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. The following appendices list the specific pesticides tested in the program: fruit and vegetables (Appendix B) and peanut butter (Appendix C). Environmental contaminants, or pesticides whose uses have been canceled in the United States but their residues persist in the environment, are consolidated into Appendix D, 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, 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. From 1993 through 1996, 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. In 2011, North Carolina rejoined the program as a limited collection State to further 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 foods that are highly consumed by 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 each month. PDP sampling operations may be adjusted according 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.

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 2015, over 600 sites granted access to sample collectors. The States provide AMS and 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 weight 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 Internet at www.ams.usda.gov/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 as collection by overnight delivery. Non-refrigerated processed commodities such as peanut butter 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 State or country of origin; product variety; production claims such as organic; postharvest chemical applications; and grower, packer, and/or distributor locations. The e-SIFs are electronically mailed 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.

♦ 2015 Sampling Operations

The number of fruit, vegetable, and peanut butter samples collected in each participating State is determined by State population. The quarterly collection schedule for all 2015 commodities is shown in Table 1. The total number of samples collected in each State for each commodity is listed in Table 2. Figure 2 illustrates the participating collection States and the laboratories to which samples were shipped. 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 2015, 3.5 percent of the tested samples were organic (360 of 10,187).

Commodity	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	End Date
Apples	■	■	■	■	Sep-16
Cherries, Fresh/Frozen	■	■	■	■	Mar-16
Cucumbers			■	■	Jun-17
Grapefruit				■	Sep-17
Grapes	■	■	■	■	Dec-16
Green Beans	■	■	■	■	Sep-16
Lettuce			■	■	Jun-17
Nectarines	■	■	■	■	Dec-15
Oranges	■	■	■	■	Dec-16
Peaches	■	■			Jun-15
Peanut Butter		■	■		Aug-15
Pears	■	■	■	■	Dec-16
Potatoes	■	■	■	■	Dec-16
Spinach	■	■	■	■	Dec-16
Strawberries	■	■	■	■	Sep-16
Sweet Corn, Fresh/Frozen	■	■	■		Sep-15
Tomatoes	■	■	■	■	Sep-16
Watermelon	■	■			Jun-15

Table 1. Pesticide Data Program (PDP) Commodity Collection Schedule for 2015. *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 2016).*

State population figures are used to assign the number of fruit, vegetable, and other specialty samples scheduled for collection each month. During 2015, these population- and distribution-network-based numbers resulted in the following monthly collection assignments for each State: 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 four samples per month for selected commodities–cucumbers, green beans, lettuce, peaches, peanut butter, and watermelon, which resulted in a total of 756 samples per commodity per year for these products.

In 2015, fruit, vegetables, and peanut butter 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 2015, 20 percent of fruit, vegetable, and peanut butter samples were collected at proxy sites. The commodities most often collected at these facilities were frozen cherries, peanut butter, frozen sweet corn, fresh cherries, peaches, green beans, and nectarines.

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 3. The origin of some fresh commodities can vary greatly throughout the year. Graphic examples of this variation can be found in Figure 4, where differences in origin (domestic versus import) are depicted by month for grapes and green beans. Fresh and processed fruit and vegetable and peanut butter

State	AP	CB	CH	CU	GB	GF	GR	LT	NE	OG	PC	PE	PO	SP	ST	TO	WM	Total Fresh
California	156	113	64	78	156	39	156	78	151	156	91	156	156	156	154	156	77	2,093
Colorado	24	18	9	12	24	6	24	12	14	24	8	24	24	24	24	24	12	307
Florida	84	59	25	42	84	21	84	42	47	84	38	84	83	84	84	84	42	1,071
Maryland	48	34	18	24	48	12	48	24	39	48	26	48	48	48	48	48	24	633
Michigan	72	47	16	36	72	18	72	36	67	72	34	70	72	72	72	72	36	936
New York	108	70	34	54	108	27	108	54	110	108	66	108	108	108	108	108	54	1,441
N. Carolina				24	48			24			9						20	125
Ohio	72	37	18	36	72	18	72	36	52	71	29	71	72	72	72	72	33	905
Texas	96	67	33	48	94	24	96	48	62	96	36	96	96	96	96	96	48	1,228
Washington	48	23	15	24	48	12	48	24	36	48	25	48	48	48	48	48	24	615
TOTAL	708	468	232	378	754	177	708	378	578	707	362	705	707	708	706	708	370	9,354

State	CS	CZ	Total Processed	Total Fresh & Proccessed F&V	Peanut Butter PB
California	4	78	82	2,175	65
Colorado	2	13	15	322	10
Florida	4	58	62	1,133	35
Maryland	2	30	32	665	20
Michigan	7	56	63	999	30
New York	11	74	85	1,526	45
N. Carolina				125	20
Ohio	17	54	71	976	30
Texas	5	58	63	1,291	40
Washington	13	32	45	660	20
TOTAL	65	453	518	9,872	315

Commodity Legend		
AP = Apples	GF = Grapefruit	PE = Pears
CB = Sweet Corn, Fresh (on-the-cob)	GR = Grapes	PO = Potatoes
CH = Cherries, Fresh	LT = Lettuce	SP = Spinach
CS = Sweet Corn, Frozen	NE = Nectarines	ST = Strawberries
CU = Cucumbers	OG = Oranges	TO = Tomatoes
CZ = Cherries, Frozen	PB = Peanut Butter	WM = Watermelon
GB = Green Beans	PC = Peaches	

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

Commodity	Acceptable Products
Apples	All fresh, whole apples.
Cherries	Any fresh, whole sweet cherry. Fresh are preferred, but frozen are acceptable.
Cherries, Frozen	Frozen sweet cherries. Individually quick frozen or frozen in own juices.
Cucumbers	Fresh cucumbers. Common, English, burpless, garden, hothouse, seedless, Japanese, or Kirby.
Grapefruit	Any fresh whole grapefruit. Pink, red, or white fleshed.
Grapes	Fresh table grapes: white/green, red, purple/blue, or black.
Green Beans	Fresh green string beans. Whole or pre-cut.
Lettuce	Leaf and head (wrapped or unwrapped) lettuce.
Nectarines	Any fresh, whole nectarines.
Oranges	Any fresh, whole oranges.
Peaches	Fresh whole peaches. Red, white, or yellow. Clingstone, freestone, or semi-freestone. Attempt to select peaches that are not overly ripe or soft to the touch.
Peanut Butter	Creamy (or Smooth) Peanut Butter only.
Pears	Any fresh, whole pears.
Potatoes	Fresh whole potatoes (Russet, White, Yellow, and Red). No individual size requirements (U.S. No.1 or U.S. No.1 size A are the most preferred sizes because they are the most widely consumed).
Spinach	Any fresh spinach, consisting mainly of four types: Savoy, Flat or Smooth-Leafed, Semi-Savoy, and Baby (or Teen). May be in pre-sealed bags, bunched (tied together), or loose (bulk).
Strawberries	Fresh, whole strawberries.
Sweet Corn	Fresh corn-on-the-cob, with or without husks (samplers should not remove husks). When fresh on-the-cob corn is not available, bagged frozen niblet-style corn is acceptable.
Sweet Corn, Frozen	Bagged frozen niblet-style corn in white kernels, yellow kernels, or a mixture (bread & butter).
Tomatoes	Fresh tomatoes. Regular round varieties or Plum/Roma.
Watermelon	Fresh whole watermelon, including seeded and seedless varieties. Watermelon cut into halves or quarters ONLY if whole is not available.

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.*

samples originated from 37 States, the District of Columbia, 1 U.S. Territory, and 17 foreign countries (refer to Appendix E).

♦ Fresh and Processed Commodities

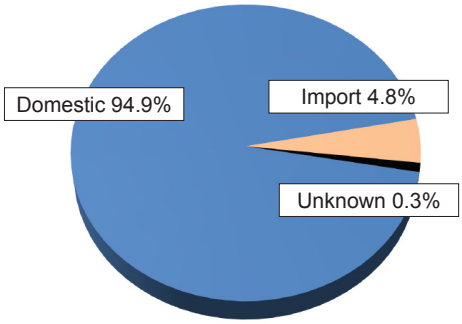
Of all samples collected and analyzed in 2015, 96.9 percent (9,872 of 10.187) were fruit and vegetables, including fresh and processed products. The fresh commodities collected for PDP were apples, cherries, cucumbers, grapefruit, grapes, green beans, lettuce, nectarines, oranges, peaches, pears, potatoes, spinach, strawberries, sweet corn, tomatoes, and watermelon. The processed commodities included frozen cherries, frozen sweet corn, and peanut butter. All fresh and frozen fruit and vegetable samples weighed either 3 or 5 pounds. Three pounds were collected for smaller, low-weight commodities such as spinach and frozen samples, and 5 pounds were collected for larger, high-weight commodities such as apples and watermelon. One pound was collected for peanut butter. Sweet corn on the cob samples consisted of 10 ears.

♦ Peanut Butter

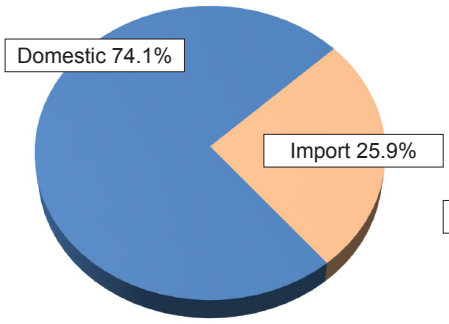
PDP collected and analyzed 315 peanut butter samples in 2015. Approximately 1-pound samples were collected from routine PDP sampling sites that included major chain-store distribution centers and terminal markets. Seventy percent of the samples were collected from proxy sites. Only "creamy style" peanut butter samples containing not less than 90 percent peanuts were collected. Styles such as chunky, old fashioned, and jelly

A. Fresh Fruit and Vegetable Samples

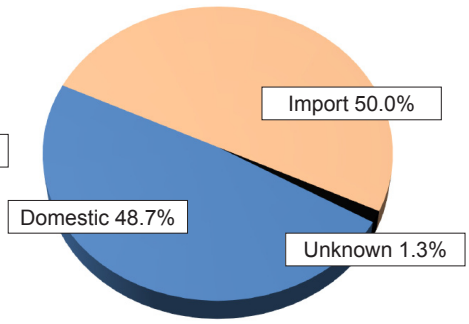
Apples (708 Samples)



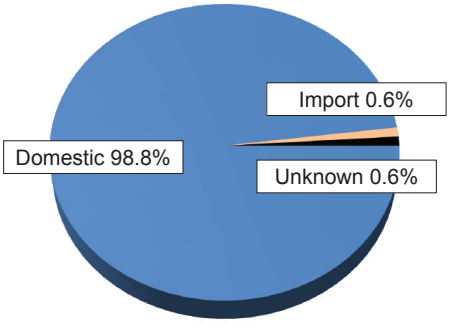
Cherries (232 Samples)



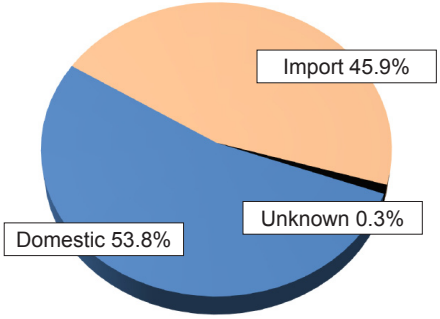
Cucumbers (378 Samples)



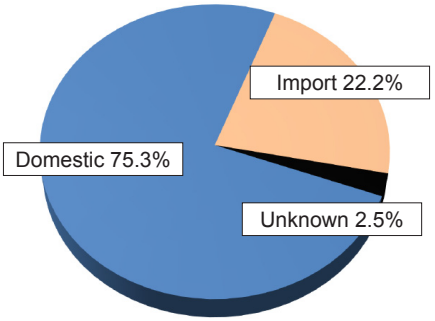
Grapefruit (177 Samples)



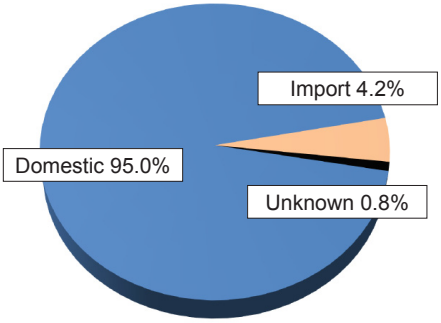
Grapes (708 Samples)



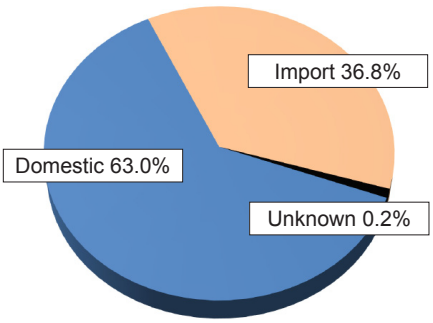
Green Beans (754 Samples)



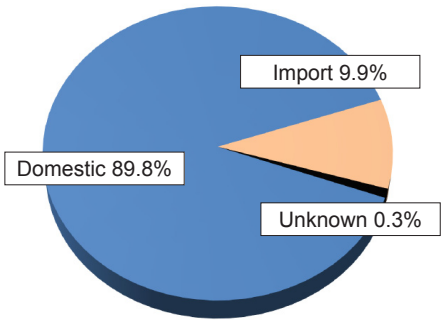
Lettuce (378 Samples)



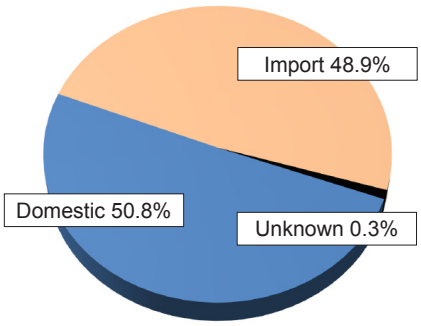
Nectarines (578 Samples)



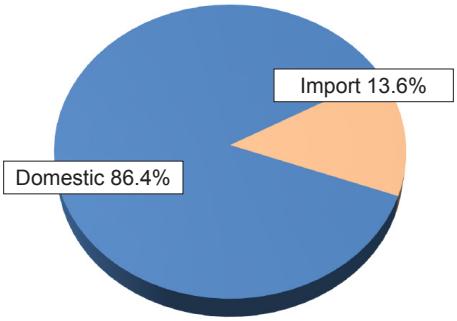
Oranges (707 Samples)



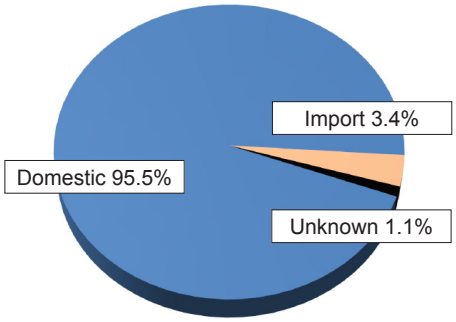
Peaches (362 Samples)

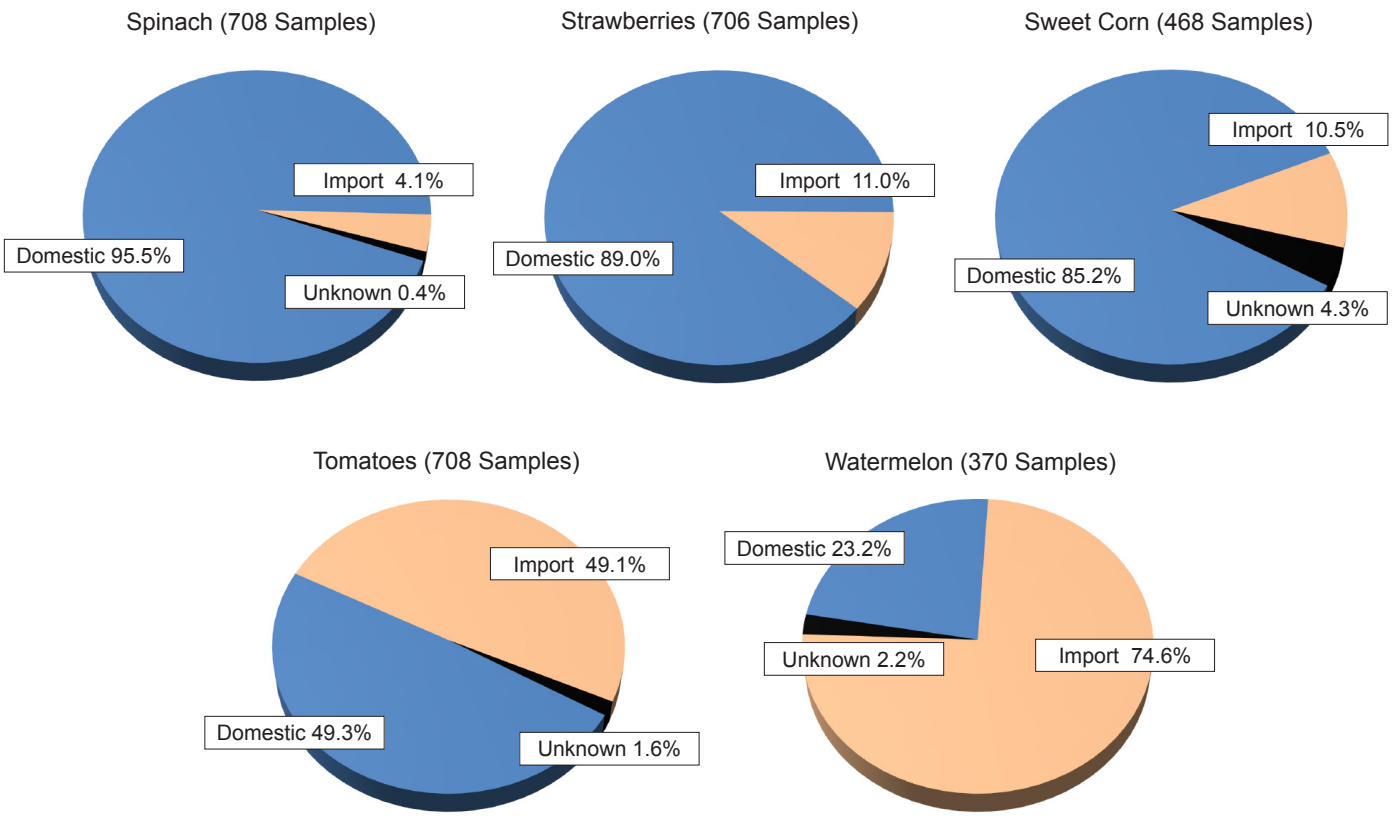


Pears (705 Samples)



Potatoes (707 Samples)





B. Processed Fruit and Vegetable Commodities

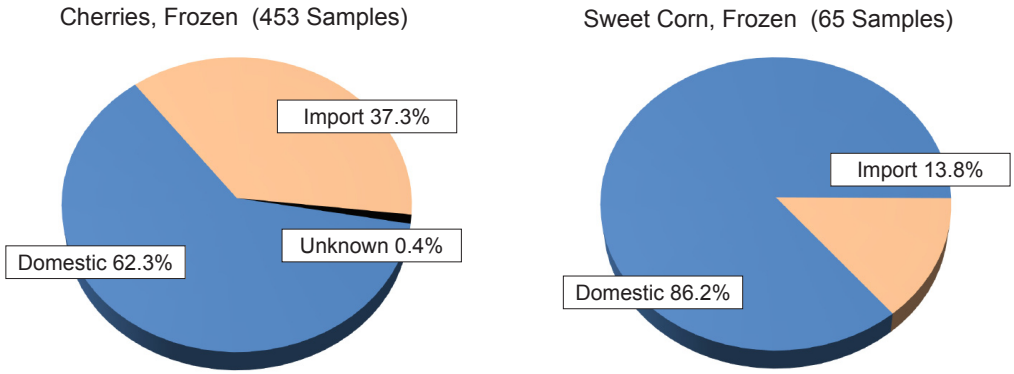


Figure 3. Commodity Origin. *This figure depicts the proportion of commodity origin (domestic, import, unknown, and mixed national origin) for each fresh and processed fruit and vegetable product tested in 2015.*

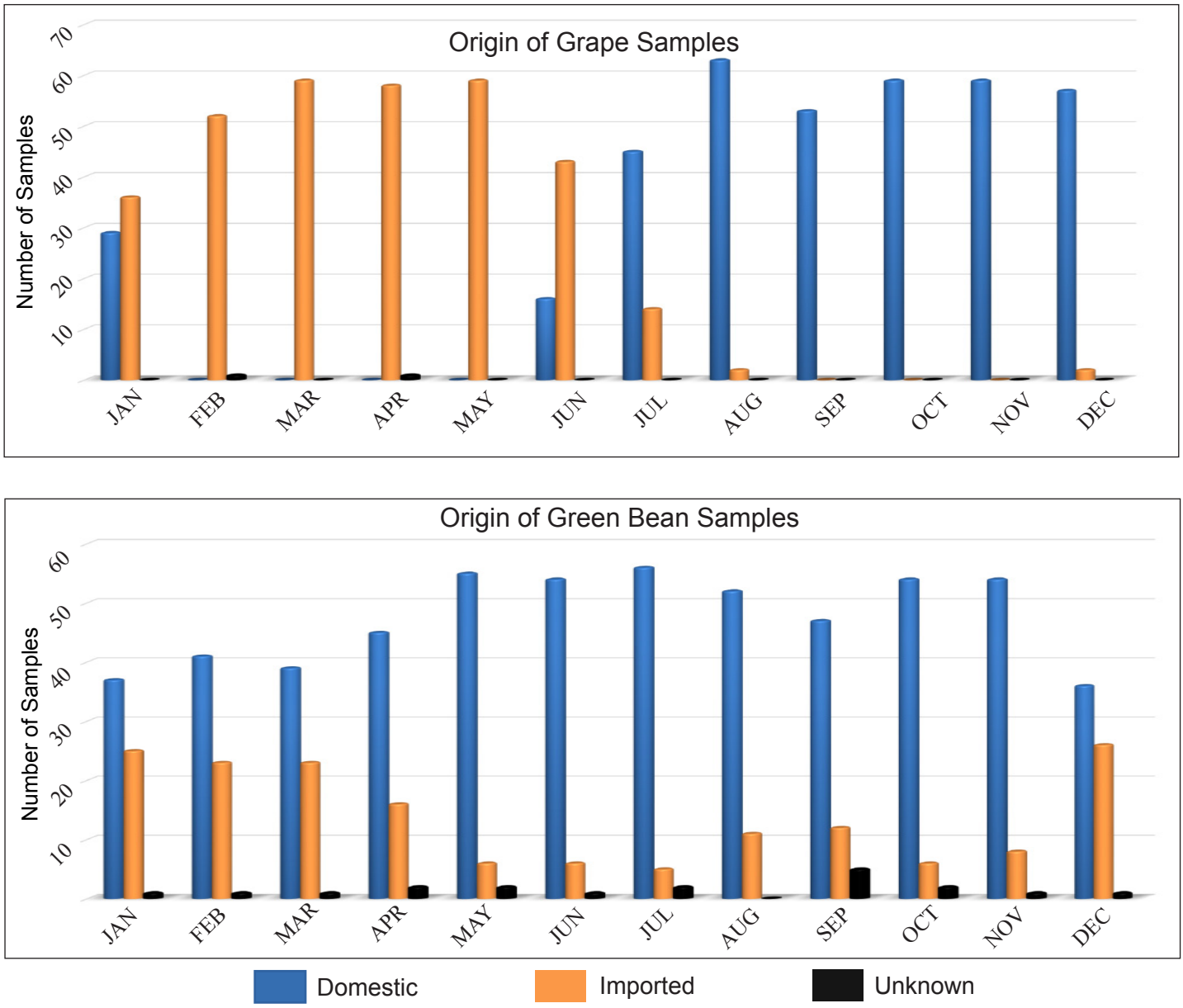


Figure 4. Origin of Selected Fresh Commodities: Grape and Green Bean Samples. *Differences in origin (domestic vs. import) are illustrated by month.*

mixes were excluded. Analysis was performed by the USDA's NSL located in Gastonia, NC.

♦ Sampling Limitations

A limited number of States across the United States participate in PDP. The States that do participate account for about 50 percent of the U.S. population, all four census regions of the United States, and the major agricultural production areas of the country, so are representative of the United States as a whole. PDP collects samples from 600 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 course of the year. However, sites within the States that participate do not differ significantly from those that do not participate; therefore, the selected sites 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 is selected 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. Because participation in the PDP survey is voluntary and multiple visits can be detrimental to the goodwill of facility management, it is sometimes necessary to limit the number of times facilities are visited during a given month or quarter. Additionally, the availability of a specific commodity may necessitate a change in site selection. For example, if a site is selected for frozen green beans and that site only carries fresh produce, a replacement site is required.

III. Laboratory Operations

♦ Overview

Seven State laboratories and one USDA laboratory 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. Program scientists continually test new technologies and develop new techniques to improve the levels of detection. Major changes in methodology and/or instrumentation are evaluated and their soundness demonstrated and documented by means of method validation modules in accordance with PDP SOPs.

♦ Fresh and Processed Commodities

Fruit and vegetable samples were tested for 465 parent pesticides, metabolites, degradates, and/or isomers, plus 23 environmental contaminants using Multi-Residue Methods (MRMs). Pesticides screened 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 Standard Operating Procedure. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.

Samples are homogenized using choppers and/or blenders and 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 vegetables, testing laboratories use various Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS)-based approaches.[2] 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.

♦ Peanut Butter

The AMS National Science Laboratory tested 315 samples of peanut butter. A total of 98 parent pesticides, metabolites, degradates and/or isomers, plus 9 environmental contaminants were screened

[2] 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
Apples	Wash and drain. Do not peel. Remove the stem. Remove the core using a commercially available apple corer, or cut each apple in half or quarters and remove the core portion.
Cherries	Remove the stem from each cherry. Wash and drain. Remove the pit, being careful to remove as little of the meat as possible.
Cucumbers	Wash and drain. Cucumbers may be halved or quartered at this point to facilitate homogenization.
Frozen Product: Cherries, Sweet Corn	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.
Grapefruit	Peel each fruit and remove any excess white membrane.
Grapes	Wash and drain. Remove all stems and extraneous matter.
Green Beans	Wash and drain. Do not peel. Using a clean, dry knife, remove any stems that are present.
Lettuce - Head	Visually examine the head and remove wrapper and damaged or wilted leaves. Rinse and turn the head top side down to drain.
Lettuce - Leaf	Visually examine the sample and remove only the damaged or wilted leaves and any woody stems. Wash and drain.
Nectarines & Peaches	Wash and drain. Do not peel. Remove stem and leaves if present. Using a clean, dry knife, cut around the pit (i.e., without cutting through the pit). Remove the pit, being careful to remove as little of the meat as possible.
Oranges	Peel each fruit and remove any excess white membrane.
Peanut Butter	If product appears non-homogeneous (e.g., separation of oil from peanut butter), assure that the sample is evenly mixed prior to weighing of analytical portion.
Pears	Do not peel. Remove stem, if present. Using a clean, dry knife, cut each pear in half or quarters and remove the core portion.
Potatoes	Hold each potato under cold running tap water and gently scrub the entire surface with a clean vegetable brush to remove any loose soil and grit. Wash and drain.
Spinach	Visually examine the sample and remove only the damaged or wilted leaves and any woody stems. Wash and drain. Note: Bagged pre-washed spinach does not require washing by the laboratory.
Strawberries	Wash by the handful or by using a colander and drain. Remove stems and leaves if present.
Sweet Corn	Remove husk and silk from each ear. Wash and drain. Using a clean dry knife or other appropriate utensil, remove the kernels from cob.
Tomatoes	Wash and drain. Do not peel. Using a clean, dry knife, cut the tomato around the stem area. Remove any stem, being careful to remove as little of the meat as possible. The tomatoes may be quartered prior to homogenization.
Watermelon	Wash and drain. Using a clean, dry knife, cut each watermelon into quarters, and remove the rind. For large watermelons, take alternate quarters of each fruit for homogenization. For small watermelons, homogenize the entire sample.

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.*

in peanut butter samples. Samples were prepared according to the procedures detailed in Table 4. Samples were extracted using modifications of the QuEChERS method, and analyses were performed using GC/MS, GC-MS/MS, and LC-MS/MS.

♦ 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 is provided through SOPs initially 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 laboratory operations and data analyses guidelines. The program SOPs are revised annually to accommodate changes in the program and are aligned with International Organization for Standardization (ISO)[3] requirements. PDP laboratories are accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA), an internationally recognized accrediting body.

Laboratory Technical Advisory Group and Quality Assurance Officers: 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. Final review procedures are performed by MPD staff assigned to each laboratory that is responsible for collating and reviewing 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 by 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 intended 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 and peanut butter, 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,

[3] "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.

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-to-set basis or spike all compounds analyzed with each set, so that the amount of spike recovery data obtained actually exceeds the minimal requirements previously stated. During 2015, PDP laboratories quantitated a total of 77,293 matrix spikes, with an overall mean recovery of 99 percent and an overall 22 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 2015, PDP laboratories quantitated a total of 26,277 process controls on 10,187 samples, with an overall mean recovery of 100 percent and an overall 15 % C.V. Of these process controls, 99 (0.38 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 an international PT program, the Food Analysis Performance Assessment Scheme (FAPAS) PT program, administered by the Food and Environment Research Agency, Sand Hutton, York, United Kingdom. In 2015, PDP laboratories that routinely analyze fruit and vegetables via MRMs participated in one FAPAS round for pears that contained nine 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 by 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 2015, PDP laboratories received two multi-residue fruit and vegetable PT rounds (potatoes and tomatoes), each consisting of three test samples. The potato samples were fortified with a total of 10 different compounds with 3-hydroxycarbofuran spiked on 2 different samples. The tomato samples were fortified with a total of 10 different compounds with pendimethalin 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 specifically with PDP SOPs. Improvements in sampling, chain-of-custody, laboratory, recordkeeping, and electronic data transmission procedures are made as a result of onsite reviews.

IV. Database Management

PDP maintains an electronic database at the MPD in Washington, D.C., 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 path is illustrated in Figure 5.

♦ 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 enter and transmit data electronically. The RDE system is centralized with all user interface software and database files residing in Washington, D.C. The laboratory users need only a Web browser 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 Secure Sockets Layer technology to encrypt all data passed between users' computers and the central Web server.

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 PDP headquarters and then imported into the Web-based 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 automatic edits on numeric fields, dates, and other character fields to ensure entries are within prescribed boundaries.

At PDP headquarters, the RDE system allows staff chemists to review the data online and then to 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® Access and Structured Query Language (SQL) Server database tools. Access to the central PDP database is limited to MPD personnel only 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. Ad-hoc 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 appendices 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 used in the PDP data. The data files can be imported into defined database structures and manipulated using common database management software packages.

V. Sample Results and Discussion

♦ Overview

In 2015, PDP conducted surveys on a variety of foods including fresh and processed fruit and vegetables, and peanut butter. Of the 10,187 samples analyzed, 9,872 were fresh and processed fruit and vegetable samples and 315 were peanut butter samples. PDP testing methods are designed to detect the lowest possible levels of pesticide residues. In 2015, over 99 percent of the samples tested had residues well below the tolerances established by the EPA with 15 percent having no detectable pesticide residue. The data reported by PDP corroborate that residues found in agricultural products sampled are at levels that do not pose risk to consumers' health and are safe according to EPA.

Appendix B tabulates the distribution of residues in fruit and vegetables for the complete 2015 data set. Information included in this appendix are:

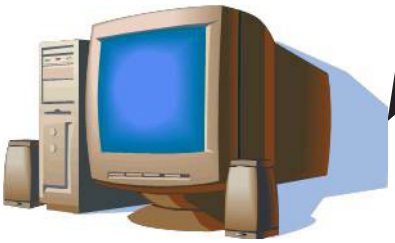
SAMPLE COLLECTION

- 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, 1 Federal laboratory
- 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)



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

INTERNET

INTERNET

DATA REVIEW AT HQ

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

YEAR-END REVIEW

- Data reconciliation

DATA REPORTING

- Standard & ad hoc reporting
- Annual Summary
- Custom data sets

Figure 5. Pesticide Data Program (PDP) Data Pathway. *An illustration of PDP data path from sample collection through laboratory analysis and reporting.*

number of samples analyzed for a particular compound, number and percent of samples with detections, range of concentrations detected, range of analytical LODs, and EPA tolerance levels. Appendix C provides the distribution of residues for peanut butter.

PDP laboratories tested foods for low levels of environmental contaminants that are no longer used in the United States, but due to their persistence in the environment, particularly in soil, can be taken up by plants. Appendix D 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 U.S. These compounds are subject to FDA Action Levels (ALs), rather than tolerances. Because environmental contaminants continue to persist in the environment, they are practically unavoidable and may be present in food commodities at generally low levels.

For fresh and processed fruit and vegetables and peanut butter, 76.1 percent of all samples were produced in the United States, 23.0 percent were imports and 0.9 percent were of unknown origin. Appendix E shows the distribution of sample origin by State or country. Of all fresh and processed fruit and vegetables and peanut butter samples collected and analyzed, approximately 34.5 percent (3,513 of 10,187) were grown, packed, and/or distributed in or from California. Appendix F includes a comparison of residues for selected commodities with a significant import component.

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 3 illustrates the portion of the domestic and import component for each of the PDP fruit and vegetable commodities in 2015. 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 apples (94.9 percent); grapefruit (98.8 percent); potatoes (95.5 percent); and spinach (95.5 percent) with only minor import (4.8 percent, 0.6 percent, 3.4 percent, and 4.1 percent, respectively) and unknown origins (0.3 percent, 0.6 percent, 1.1 percent and 0.4 percent, respectively). Other fresh commodities, such as grapes and green beans, are available from domestic growers part of the year and imported during the remaining months, as illustrated in Figure 4.

Comparisons of selected residues detected in imported versus domestic grapes, nectarines, and tomatoes can be found in Appendix F. These sample sets were selected to compare data where residues are present in greater than 10 percent of the samples and allow for the comparison of individual residues. These data also show that the residue profiles for domestic and imported crops are significantly different.

The grape data in Appendix F illustrate that, in 2015, difenoconazole, fenhexamid, fludioxonil, and tebuconazole were detected more frequently in imported samples than in domestic samples. Difenoconazole was detected in 29.5 percent of the samples from Chile and 6.3 percent of the U.S. samples. Fenhexamid was detected in 64.3 percent of the Chilean samples, and 22.3 percent of the U.S. samples. Fludioxonil and tebuconazole were detected in 24.1 percent and 58.9 percent of Chilean samples, respectively, and 11.6 percent and 23.1 percent of U.S. samples, respectively. Fenpropathrin, pyraclostrobin, quinoxyfen, spirotetramat, and trifloxystrobin, were detected more frequently in domestic samples than in

imports. For example, pyraclostrobin was detected in 60.6 percent of U.S. samples and 29.5 percent of Chilean samples while fenpropathrin was detected in 32.0 percent of samples from the U.S and 1.7 percent of the samples from Chile. Boscalid, cyprodinil, methoxyfenozide, myclobutanil, and pyrimethanil were detected with relatively equal frequency in U.S. and Chilean samples.

The data for nectarines in Appendix F illustrate that, in 2015, acetamiprid, iprodione, methoxyfenozide, pyrimethanil, spinosad, and tebuconazole were detected more frequently in imported samples than in domestic samples. For example, iprodione was detected in 82.6 percent of Chilean samples and 2.2 percent of U.S. samples and tebuconazole was detected in 76.1 percent of samples from Chile and 2.5 percent of samples from the U.S. Boscalid, fludioxonil, hexythiazox, indoxacarb, propiconazole, pyraclostrobin, and spinetoram were detected more frequently in domestic samples than in imports. For example, boscalid was detected in 22.0 percent of the samples from the U.S. and in 2.3 percent of the samples from Chile while fludioxonil was detected in 86.8 percent of the U.S. samples and in 46.0 percent of Chilean samples. Chlorantraniliprole and spirodiclofen were detected with relatively equal frequency in both the U.S. and Chilean nectarines.

The tomato data in Appendix F illustrate that, in 2015, acetamiprid, azoxystrobin, flonicamid, and pyraclostrobin were detected more frequently in imported samples than in domestic samples. For example, azoxystrobin was detected in 40.4 percent of the samples from Mexico and 8.6 percent of the samples grown in the U.S. and flonicamid was detected in 35.4 percent of Mexican samples and 4.9 percent of U.S. samples. Bifenthrin, chlorantraniliprole, difenoconazole, dinotefuran, fluxapyroxad, and imidacloprid were detected more frequently in domestic samples than in imports. For example, bifenthrin was detected in 39.2 percent of U.S. samples and 9.9 percent of the samples from Mexico while chlorantraniliprole was detected in 38.4 percent of the U.S. samples and in 7.3 percent of the Mexican samples. Clothianidin and pyrimethanil were detected with relatively equal frequency in both the U.S. and Mexican tomatoes.

All pesticides detected were registered in the United States; however, the profiles of residue findings were markedly different in the U.S. 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 soil, 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 crops are sprayed and not all available pesticides are used at the same time or location. Over 99 percent of the samples tested had residues well below the tolerances established by the EPA with 15 percent having no detectable pesticide residue. 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 U.S. and overseas. 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 reporting of residues present 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

G. The data shown include the range and mean of values detected and U.S. EPA tolerance references for each pair.

By virtue of the MRMs employed, PDP provides novel data that can be used by EPA to evaluate exposure to multiple residues from the same sample. 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 2015 is presented in Appendix H. These data indicate that 15.5 percent of all samples tested contained no detectable pesticides, 11.5 percent contained 1 pesticide, and 73.0 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 D, have been excluded from this count of pesticides.

One sample of strawberries, imported from Mexico, contained residues of 20 pesticides. None of the residues found on the strawberry sample exceeded the tolerance, where a tolerance was established. Multiple residue detections can result from the application of more than one pesticide on a crop during a growing season; in addition, a number of 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.

♦ Special Projects

Peanut Butter: The NSL conducted testing on 315 peanut butter samples. Appendix C shows that one residue representing one pesticide was detected in peanut butter. Pyraclostrobin was detected in three samples (1.0 percent). The residue detections were much lower than the established tolerance.

♦ 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 D.

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. DDE p,p' was detected in spinach (46.6 percent) and potatoes (14.6 percent). DDT p,p' was detected in spinach (25.7 percent) and potatoes (5.9 percent). DDT o,p' was detected in spinach (12.3 percent) and potatoes (1.3 percent). DDD o,p' and DDD p,p' were detected in spinach (0.3 and 0.4 percent, respectively) and DDD p,p' was also detected in potatoes (0.6 percent). No residues of DDE o,p' were detected in any samples. All residues detected were lower than established FDA ALs.

Other Extraneous Pesticides: PDP screened samples for other environmental contaminants including: aldrin, which readily metabolizes to dieldrin; BHC (alpha/beta/delta/epsilon/gamma); chlordane (total, cis, trans) and its metabolite oxychlordane; dieldrin; endrin; heptachlor and its epoxide metabolite (total, cis); hexachlorobenzene (HCB); 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) and dieldrin were detected in some of the tested commodities.

For example, dieldrin was detected in 8.7 percent of cucumber samples, 2.3 percent of potato samples, and 2.7 percent of spinach samples, while chlordane (cis) and chlordane (trans) were detected in 0.8 percent and 0.3 percent, respectively, in cucumbers, 0.8 percent and 0.1 percent, respectively, in potatoes, and 0.8 percent and 0.7 percent, respectively, in spinach. No residues of aldrin, BHC (alpha/beta/delta/epsilon/gamma), endrin, heptachlor (parent), heptachlor epoxide, HCB, mirex, or oxychlordane 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 reregistration 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. With the exception of 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 the lowest detectable 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. In instances where a PDP finding is extraordinary and may pose a safety risk, FDA and EPA are immediately notified.

Residues exceeding the established tolerance or Action Level are noted with an "X" in Appendix B. Similarly, residues for which a tolerance is not established are noted with a "V" in Appendix B. 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 appendices apply to 2015 and not to the current year. There may be instances where tolerances have been recently set or revoked that would have an effect on 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. 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 I are combined residues of parent and any isomers and/or metabolites to count the total number of samples with tolerance violations.

A total of 441 samples with 496 pesticides were reported to the FDA as Presumptive Tolerance Violations. Pesticides exceeding the established tolerance were detected in 0.53 percent (54 samples) of the total samples tested (10,187 samples). Of these 54 samples, 18 were imported (33 percent) and 36 were domestic (67 percent). The samples containing pesticides that exceeded established tolerances included: 1 sample of fresh cherries, 4 samples of cucumbers, 3 grape samples, 3 samples of green beans, 1 peach sample, 1 pear sample, 8 samples of spinach, 25 samples of strawberries, 2 tomato samples, and 6 samples of watermelon.

Residues with no established tolerance were found in 3.9 percent (394 samples) of the total samples tested (10,187 samples). Of these 394 samples, 259 were domestic (65.7 percent), 129 were

imported (32.8 percent), and 6 were of unknown origin (1.5 percent). These samples included 389 fresh fruit and vegetable samples and 5 processed fruit samples. The five processed fruit samples were frozen cherries. There were 352 samples that contained 1 pesticide for which no tolerance was established and 38 samples with 2 pesticides for which no tolerance was established. Three samples of spinach contained three pesticides for which no tolerance was established. One sample of strawberries contained four pesticides for which no tolerance was established. Seven of the 394 samples also contained 1 pesticide each that exceeded an established tolerance. In most cases, these pesticides with no established tolerance were detected at very 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, or transfer of pesticide residues of postharvest fungicides or growth regulators applied to other commodities stored in the same storage facilities. The pesticide residue levels and commodities are listed in Appendix I.

Appendix A

Commodity History

Appendix A identifies commodities sampled by the Pesticide Data Program (PDP) through December 2016. Updates to this list are posted on the PDP Web site at www.ams.usda.gov/pdp.

APPENDIX A. COMMODITY HISTORY
AS OF DECEMBER 2016

Fresh Commodities

Commodity	Start Date	End Date
Apples [1]	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
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
Blueberries (cultivated) [2]	Jan-07	Dec-08
Blueberries (cultivated) [2]	Jan-14	Dec-14
Broccoli	Oct-92	Dec-94
Broccoli	Jan-01	Dec-02
Broccoli	Oct-06	Sep-08
Broccoli	Jan-13	Dec-14
Cabbage	Jan-10	Dec-11
Cantaloupe	Jul-98	Jun-00
Cantaloupe	Oct-03	Sep-05
Cantaloupe	Jan-10	Mar-10
Cantaloupe	Oct-10	Jun-12
Carrots [1]	Oct-92	Sep-96
Carrots	Oct-00	Sep-02
Carrots	Jan-06	Dec-07
Carrots	Jan-13	Dec-14
Cauliflower	Oct-04	Sep-06
Cauliflower	Oct-11	Sep-13
Celery	Feb-92	Mar-94
Celery	Jan-01	Dec-02
Celery	Jan-07	Dec-08
Celery	Jan-13	Dec-14
Cherries [3]	May-00	Aug-01
Cherries [2]	May-07	Sep-07
Cherries	Apr-14	Mar-16
Cilantro	Oct-09	Sep-10
Cranberries	Oct-06	Dec-06

Commodity	Start Date	End Date
Cranberries	Oct-16	Ongoing
Cucumbers	Jan-99	Dec-00
Cucumbers	Oct-02	Sep-04
Cucumbers	Jan-09	Dec-10
Cucumbers	Jul-15	Ongoing
Eggplant	Jan-05	Dec-06
Grapefruit	Aug-91	Dec-93
Grapefruit	Jan-05	Dec-06
Grapefruit	Oct-15	Ongoing
Grapes [1]	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 Onions (scallions)	Oct-08	Sep-09
Greens (collard & kale)	Oct-06	Sep-08
Hot Peppers	Oct-10	Sep-11
Lettuce	May-91	Dec-94
Lettuce	Oct-99	Sep-01
Lettuce	Jan-04	Dec-05
Lettuce	Jan-10	Dec-11
Lettuce	Jul-15	Ongoing
Lettuce, Organic	Jan-09	Dec-09
Mangoes	Apr-10	Sep-10
Mushrooms	Oct-01	Sep-03
Mushrooms	Oct-11	Sep-13
Nectarines [4]	Jul-00	Sep-01
Nectarines	Jan-07	Dec-08
Nectarines	Jan-13	Dec-15
Onions	Jan-02	Dec-03
Onions	Oct-11	Sep-12
Oranges [1]	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 [5]	Jan-01	Sep-02
Peaches (T-1)	May-03	Sep-03
Peaches	Oct-06	Sep-08

Commodity	Start Date	End Date
Peaches (B-1)	Aug-12	Oct-12
Peaches	Jul-13	Jun-15
Pears	Jan-97	Jun-99
Pears (S-1)	Jul-98	Jun-99
Pears	Oct-03	Sep-05
Pears	Jan-09	Dec-10
Pears	Jan-15	Dec-16
Pears (B-1)	Oct-12	Nov-12
Pineapples	Jul-00	Jun-02
Plums [6]	Jan-05	Dec-06
Plums	Oct-11	Sep-13
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
Raspberries [2]	Jan-13	Dec-13
Snap Peas	Jan-11	Dec-12
Spinach [1]	Jan-95	Sep-97
Spinach	Jul-02	Dec-03
Spinach [7]	Jan-06	Sep-06
Spinach	Jan-08	Dec-09
Spinach	Jan-15	Dec-16
Strawberries [2]	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
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 Potatoes [1]	Jan-96	Jun-98
Sweet Potatoes	Jan-03	Dec-04
Sweet Potatoes	Oct-08	Sep-10
Sweet Potatoes	Apr-16	Ongoing
Tangerines	Jan-11	Dec-12
Tomatoes [1]	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 [8]	Oct-05	Sep-06
Watermelon	Apr-10	Sep-10
Watermelon	Jul-14	Jun-15
Winter Squash [2]	Jan-97	Jun-99

Commodity	Start Date	End Date
Winter Squash	Jul-04	Jun-06
Winter Squash	Oct-11	Mar-13

NOTES

[1] Excludes sampling hiatus September - November 1996.

[2] Frozen collected when fresh unavailable.

[3] Sampling adjusted for market availability. Cherries were sampled for 2 years (May-00 - Aug-01) for a total of 6 months.

[4] Sampling adjusted for market availability. Nectarines were sampled for 2 years (Jul-00 - Sep-01) for a total of 6 months.

[5] Sampling adjusted for market availability. Peaches were sampled for 2 years (Jan-01 - Sep-02) for a total of 16 months.

[6] Dried plums (prunes) were collected when fresh plums were not available.

[7] Spinach ended earlier than planned due to the unavailability of product.

[8] 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

Commodity	Start Date	End Date
Apple Juice [1]	Jul-96	Dec-98
Apple Juice	Jan-02	Dec-02
Apple Juice	Jul-07	Jun-08
Apple Juice	Jul-12	Jun-13
Applesauce	Jul-02	Dec-02
Applesauce	Jan-06	Dec-06
Applesauce	Oct-16	Ongoing
Asparagus, Canned	Jul-03	Dec-03
Beans, Canned (4 varieties)	Oct-08	Sep-10
Beets, Canned	Jan-11	Dec-11
Blueberries (cultivated), Frozen [2]	Jan-07	Dec-08
Blueberries (cultivated/wild), Frozen [2]	Jan-14	Dec-14
Cherries, Frozen [2]	Apr-14	Mar-16
Corn Syrup [3]	Jan-98	Jun-99
Grape Juice	Jan-98	Dec-99
Grape Juice	Jan-08	Dec-08
Grape Juice	Oct-13	Sep-14
Green Beans, Canned/Frozen [1]	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	Ongoing
Orange Juice	Jan-97	Dec-98
Orange Juice	Oct-04	Sep-06
Orange Juice	Oct-10	Sep-11
Orange Juice	Jan-12	Jun-12
Peaches, Canned	Dec-96	Dec-97
Peaches, Canned	Jan-03	Dec-04
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 [4]	Oct-01	Sep-03
Peas, Frozen	Jan-06	Dec-06
Plums, Dried (Prunes) [5]	Jan-05	Dec-06
Potatoes, Frozen	Jan-06	Dec-07
Raisins	Jul-06	Jun-07
Raspberries, Frozen [2]	Jan-13	Dec-13
Spinach, Canned	Oct-97	Dec-98
Spinach, Frozen	Jan-99	Dec-99
Spinach, Canned	Jan-04	Jun-04
Spinach, Canned/Frozen	Jul-10	Jun-11
Strawberries, Frozen [2]	Jan-98	Sep-00
Sweet Corn, Canned/Frozen	Apr-94	Mar-96

Commodity	Start Date	End Date
Sweet Corn, Canned/Frozen [4]	Oct-01	Sep-03
Sweet Corn, Frozen [2]	Oct-08	Sep-10
Sweet Corn, Frozen [2]	Oct-14	Sep-15
Tomato Paste, Canned	Jan-01	Jun-01
Tomato Paste, Canned	Jan-09	Dec-09
Tomatoes, Canned	Jul-99	Jun-00
Tomatoes, Canned	Oct-16	Ongoing
Winter Squash, Frozen [2]	Jan-97	Jun-99

Baby Food / Formula Products

Commodity	Start Date	End Date
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

[1] Excludes sampling hiatus September - November 1996.

[2] Frozen collected when fresh unavailable.

[3] Excludes sampling hiatus January 1999.

[4] Canned samples collected in first year and frozen samples in second year of testing.

[5] Dried plums (prunes) were collected when fresh plums were not available.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Grains

Commodity	Start Date	End Date
Barley	Oct-01	Sep-03
Corn	Oct-06	Sep-08
Oats	Jul-99	Apr-00
Oats	Jan-10	Jun-10
Oats	Apr-14	Aug-14
Rice	Oct-00	Sep-02
Rice[1]	Oct-08	Sep-09
Rice	Apr-14	Aug-14
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 (T-1)	Jan-03	Dec-03

Nuts and Nut Products

Commodity	Start Date	End Date
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

Commodity	Start Date	End Date
Butter	Jan-03	Dec-03
Butter	Jan-12	Dec-13
Heavy Cream	Jul-05	Dec-05
Heavy Cream	Jan-07	Dec-07
Milk [2]	Jan-96	Oct-98
Milk (TSP)	Jul-03	Dec-03
Milk	Jan-04	Dec-05
Milk	Jan-11	Dec-11
Milk	Jan-16	Ongoing

Fish Products

Commodity	Type	Start Date	End Date
Fish [3]	Catfish	Apr-08	Jun-10
Fish	Salmon	Jul-13	Jun-14

Meat / Poultry / Pork Products

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

Other Products

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

Drinking Water

States	Start Date	End Date
Finished Water Only (27 sites)		
California, Colorado, Kansas, New York, Texas	Mar-01	Dec-03
Raw Intake and Finished Water (70 sites)	Jan-04	Apr-13
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.		
Bottled Water		
10 Participating States	Jan-05	Dec-06
Groundwater		
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

[1] Includes sampling hiatus May-July 2009.

[2] Excludes sampling hiatus September - November 1996.

[3] Excludes sampling hiatus April-June 2009.

[4] 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 appendices apply to 2015 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 2015, 9,872 fruit and vegetable samples were analyzed, of which 9,354 were fresh products and 518 were processed products.

Action Levels (ALs) are shown in this appendix, where applicable, and denote AL values established by the U.S. Food and Drug Administration (FDA). Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of ALs has been transferred to EPA. In the interim, ALs are used.

The Pesticide Data Program 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.

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 D).

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	EPA Tolerance Level, ppm
2,4,5-T (herbicide)						
Grapefruit	90	0			0.10 ^	NT
Nectarines	578	0			0.10 ^	NT
Strawberries	706	0			0.10 ^	NT
Sweet Corn, Fresh	250	0			0.10 ^	NT
Sweet Corn, Frozen	20	0			0.10 ^	NT
TOTAL	**1,644**	**0**				
2,4-D (herbicide)						
Grapefruit	90	0			0.050 ^	3.0
Nectarines	578	0			0.050 ^	0.05
Strawberries	706	0			0.050 ^	0.05
Sweet Corn, Fresh	250	0			0.050 ^	0.05
Sweet Corn, Frozen	20	0			0.050 ^	0.05
TOTAL	**1,644**	**0**				
2,4-DB (herbicide)						
Grapefruit	90	0			0.10 ^	NT
Nectarines	578	0			0.10 ^	NT
Strawberries	706	0			0.10 ^	NT
Sweet Corn, Fresh	250	0			0.10 ^	NT
Sweet Corn, Frozen	20	0			0.10 ^	NT
TOTAL	**1,644**	**0**				
Abamectin (insecticide, acaricide)						
Grapefruit	90	0			0.020 ^	0.02
Grapes	708	0			0.050 ^	0.02
Lettuce	157	0			0.005 ^	0.10
Nectarines	578	0			0.020 ^	0.09
Pears	705	0			0.050 ^	0.02
Strawberries (X-1)	706	9	1.3	0.022 - 0.060	0.020 ^	0.05
Sweet Corn, Fresh	250	0			0.020 ^	0.01
Sweet Corn, Frozen	20	0			0.020 ^	0.01
TOTAL	**3,214**	**9**				
Acephate (insecticide)						
Apples	708	0			0.003 - 0.030	0.02
Cherries, Fresh	232	0			0.15 ^	0.02
Cherries, Frozen	453	0			0.15 ^	0.02
Cucumbers (X-2)	335	2	0.6	0.078 - 0.46	0.050 ^	0.02
Grapefruit	177	0			0.005 - 0.030	0.02
Grapes	708	0			0.050 ^	0.02
Green Beans	754	111	14.7	0.030 - 2.2	0.030 ^	3.0
Lettuce	378	11	2.9	0.003 - 0.075	0.003 ^	10
Nectarines	578	0			0.005 ^	0.02
Oranges	687	0			0.050 ^	0.02
Peaches	362	0			0.010 ^	0.02
Pears	705	0			0.050 ^	0.02
Potatoes	707	1	0.1	0.003 ^	0.002 ^	0.02
Spinach	693	4	0.6	0.005 - 0.015	0.005 - 0.15	0.02
Strawberries	706	0			0.005 ^	0.02
Sweet Corn, Fresh	468	0			0.005 - 0.030	0.02
Sweet Corn, Frozen	65	0			0.005 - 0.030	0.02

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
Tomatoes (X-1)	708	1	0.1	0.19 ^	0.002 ^	0.02
Watermelon (X-4)	370	4	1.1	0.045 - 0.93	0.030 ^	0.02
TOTAL	**9,794**	**134**				
Acequinocyl (acaricide)						
Nectarines (V-1)	574	1	0.2	0.082 ^	0.010 - 0.020	NT
Strawberries (X-19) [1]	532	89	16.7	0.010 - 3.7	0.005 - 0.010	0.50
Sweet Corn, Fresh	250	0			0.005 - 0.010	NT
Sweet Corn, Frozen	20	0			0.005 - 0.010	NT
TOTAL	**1,376**	**90**				
Acetamiprid (insecticide)						
Apples	708	196	27.7	0.002 - 0.38	0.002 ^	1.0
Cherries, Fresh	232	43	18.5	0.002 - 0.20	0.002 ^	1.20
Cherries, Frozen	453	248	54.7	0.002 - 0.26	0.002 ^	1.20
Cucumbers	378	6	1.6	0.013 - 0.032	0.010 ^	0.50
Grapefruit	177	0			0.001 - 0.002	1.0
Grapes (X-3)	708	59	8.3	0.017 - 0.63	0.010 ^	0.35
Green Beans	754	7	0.9	0.002 - 0.073	0.002 ^	0.60
Lettuce	378	25	6.6	0.002 - 0.030	0.002 ^	3.00
Nectarines	578	129	22.3	0.003 - 0.27	0.001 - 0.003	1.20
Oranges	707	2	0.3	0.010 - 0.012	0.010 ^	1.0
Peaches	362	61	16.9	0.011 - 0.14	0.010 ^	1.20
Pears	705	105	14.9	0.017 - 0.30	0.010 ^	1.0
Potatoes	707	0			0.001 ^	0.01
Spinach	708	46	6.5	0.002 - 0.51	0.001 - 0.002	3.00
Strawberries (X-1)	706	222	31.4	0.001 - 0.80	0.001 - 0.003	0.60
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.01
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.01
Tomatoes	708	80	11.3	0.002 - 0.18	0.001 ^	0.20
Watermelon	370	9	2.4	0.002 - 0.005	0.002 ^	0.50
TOTAL	**9,872**	**1,238**				
Acetochlor (herbicide)						
Apples	708	0			0.005 ^	NT
Grapefruit	177	0			0.005 ^	NT
Green Beans	754	0			0.005 ^	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.05
Sweet Corn, Frozen	65	0			0.005 ^	0.05
Watermelon	370	0			0.005 ^	NT
TOTAL	**4,204**	**0**				
Acibenzolar S methyl (plant activator)						
Apples	708	0			0.020 ^	0.05
Grapefruit	87	0			0.005 ^	0.05
Green Beans	754	0			0.020 ^	NT
Lettuce	378	0			0.020 ^	0.25
Pears	705	0			0.015 ^	0.05
Potatoes	687	0			0.004 ^	NT
Spinach	708	0			0.004 - 0.040	1.0
Sweet Corn, Fresh	218	0			0.005 ^	NT
Sweet Corn, Frozen	45	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	EPA Tolerance Level, ppm
Tomatoes	708	0			0.004 ^	1.0
Watermelon	370	0			0.020 ^	NT
TOTAL	**5,368**	**0**				
Acifluorfen (herbicide)						
Grapefruit	90	0			0.050 ^	NT
Nectarines	578	0			0.050 ^	NT
Strawberries	706	0			0.050 ^	0.05
Sweet Corn, Fresh	250	0			0.050 ^	NT
Sweet Corn, Frozen	20	0			0.050 ^	NT
TOTAL	**1,644**	**0**				
Acrinathrin (insecticide, acaricide)						
Apples	413	0			0.010 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**783**	**0**				
Alachlor (herbicide)						
Grapefruit	177	0			0.010 - 0.020	NT
Green Beans	754	0			0.020 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 - 0.020	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.020	0.05
Tomatoes	708	0			0.002 ^	NT
TOTAL	**4,521**	**0**				
Aldicarb (insecticide)						
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.010 - 0.025	NT
Grapefruit	177	0			0.001 - 0.005	0.3
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	0.3
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.001 ^	1
Spinach	708	0			0.001 - 0.020	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**5,986**	**0**				
Aldicarb sulfone (metabolite of Aldicarb)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.025 ^	NT
Cherries, Frozen	453	0			0.025 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.003 - 0.020	0.3
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.010 ^	0.3
Peaches	362	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	EPA Tolerance Level, ppm
Potatoes	707	0			0.003 ^	1
Spinach	708	0			0.003 - 0.025	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.003 - 0.010	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,442**	**0**				
Aldicarb sulfoxide (metabolite of Aldicarb)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.051 ^	NT
Cherries, Frozen	453	0			0.051 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	0.3
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.010 ^	0.3
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.002 ^	1
Spinach	708	0			0.002 - 0.051	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 - 0.006	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,355**	**0**				
Allethrin (insecticide)						
Cherries, Fresh	232	0			0.080 ^	EX
Cherries, Frozen	453	0			0.080 ^	EX
Cucumbers	378	0			0.020 ^	EX
Grapefruit	177	0			0.010 - 0.050	EX
Grapes	708	0			0.030 ^	EX
Green Beans	754	0			0.050 ^	EX
Nectarines	578	0			0.010 ^	EX
Oranges	707	0			0.020 ^	EX
Peaches	362	0			0.020 ^	EX
Spinach	350	0			0.081 ^	EX
Strawberries	706	0			0.010 ^	EX
Sweet Corn, Fresh	468	0			0.010 - 0.050	EX
Sweet Corn, Frozen	65	0			0.010 - 0.050	EX
TOTAL	**5,938**	**0**				
Ametoctradin (fungicide)						
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.001 ^	0.05
Spinach	358	188	52.5	0.002 - 9.3	0.001 ^	50.0
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Tomatoes	708	20	2.8	0.002 - 0.009	0.001 ^	1.5
TOTAL	**4,521**	**208**				

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
Ametryn (herbicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.005	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	409	0			0.005 ^	0.25
Sweet Corn, Frozen	64	0			0.005 ^	0.25
TOTAL	**3,381**	**0**				
Atrazine (herbicide)						
Apples	708	0			0.002 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.005	NT
Lettuce	378	0			0.002 ^	0.25
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	5	0.7	0.002 - 0.005	0.001 ^	0.25
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.20
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.20
Tomatoes	708	0			0.001 ^	NT
Watermelon (V-4)	370	4	1.1	0.002 - 0.006	0.002 ^	NT
TOTAL	**7,020**	**9**				
Azinphos (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Azinphos methyl (insecticide)						
Apples	708	0			0.010 ^	1.5
Cherries, Fresh	232	0			0.004 ^	2.0
Cherries, Frozen	453	1	0.2	0.004 ^	0.004 ^	2.0
Cucumbers	378	0			0.020 ^	NT
Grapefruit	177	0			0.005 - 0.020	NT
Grapes	708	0			0.015 ^	NT
Green Beans	754	0			0.020 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	2	0.3	0.006 - 0.007	0.005 ^	2.0
Oranges	707	0			0.020 ^	NT
Peaches	362	7	1.9	0.031 - 0.11	0.020 ^	2.0
Pears	705	0			0.015 ^	1.5
Potatoes	707	0			0.012 ^	NT
Spinach	708	0			0.004 - 0.012	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.020	NT
Sweet Corn, Frozen	65	0			0.005 - 0.020	NT

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
Tomatoes	708	0			0.012 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**9,872**	**10**				
Azinphos methyl oxygen analog (metabolite of Azinphos methyl)						
Apples	708	0			0.010 ^	1.5
Cherries, Fresh	232	0			0.003 ^	2.0
Cherries, Frozen	453	0			0.003 ^	2.0
Grapefruit	177	0			0.003 - 0.015	NT
Grapes	708	0			0.003 ^	NT
Green Beans	722	0			0.003 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 - 0.010	2.0
Pears	705	0			0.003 ^	1.5
Spinach	350	0			0.003 ^	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	468	0			0.003 - 0.010	NT
Sweet Corn, Frozen	65	0			0.003 - 0.010	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,620**	**0**				
Azoxystrobin (fungicide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	3	1.3	0.005 - 0.041	0.005 ^	2.0
Cherries, Frozen	453	50	11	0.006 - 0.20	0.005 ^	1.5
Cucumbers	378	53	14	0.002 - 0.045	0.002 ^	0.3
Grapefruit	177	32	18.1	0.003 - 0.033	0.001 - 0.010	15.0
Grapes	708	27	3.8	0.005 - 0.044	0.003 ^	2.0
Green Beans	754	301	39.9	0.001 - 1.7	0.001 ^	3.0
Lettuce	378	1	0.3	0.002 ^	0.002 ^	30.0
Nectarines	578	12	2.1	0.003 - 0.025	0.001 - 0.003	2.0
Oranges	707	27	3.8	0.002 - 0.065	0.002 ^	15.0
Peaches	362	17	4.7	0.002 - 0.40	0.002 ^	2.0
Potatoes	707	226	32	0.002 - 2.9	0.001 ^	8.0
Spinach	708	43	6.1	0.002 - 16	0.001 - 0.005	30.0
Strawberries	706	76	10.8	0.001 - 0.57	0.001 - 0.003	10.0
Sweet Corn, Fresh	468	0			0.003 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.003 - 0.010	0.05
Tomatoes	708	159	22.5	0.002 - 0.059	0.001 ^	0.2
Watermelon	370	2	0.5	0.002 ^	0.002 ^	0.3
TOTAL	**9,167**	**1,029**				
Benalaxyl (fungicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Benazolin (herbicide)						
Grapefruit	90	0			0.050 ^	NT
Nectarines	578	0			0.050 ^	NT
Strawberries	706	0			0.050 ^	NT

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
Sweet Corn, Fresh	250	0			0.050 ^	NT
Sweet Corn, Frozen	20	0			0.050 ^	NT
TOTAL	**1,644**	**0**				
Bendiocarb (insecticide)						
Apples	708	0			0.003 ^	SU
Cherries, Fresh	232	0			0.010 ^	SU
Cherries, Frozen	453	0			0.010 ^	SU
Cucumbers	378	0			0.005 ^	SU
Grapefruit	177	0			0.001 - 0.015	SU
Grapes	708	0			0.003 - 0.010	SU
Green Beans	754	0			0.015 ^	SU
Lettuce	378	0			0.003 ^	SU
Nectarines	578	0			0.001 - 0.003	SU
Oranges	707	0			0.005 ^	SU
Peaches	362	0			0.005 ^	SU
Pears	705	0			0.003 - 0.010	SU
Potatoes	707	0			0.001 ^	SU
Spinach	708	0			0.001 - 0.010	SU
Strawberries	706	0			0.001 - 0.003	SU
Sweet Corn, Fresh	468	0			0.003 - 0.015	SU
Sweet Corn, Frozen	65	0			0.003 - 0.015	SU
Tomatoes	708	0			0.001 - 0.003	SU
Watermelon	370	0			0.003 ^	SU
TOTAL	**9,872**	**0**				
Benfluralin (herbicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Lettuce	378	0			0.010 ^	0.05
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,100**	**0**				
Benoxacor (herbicide safener)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.012 ^	NT
Cherries, Frozen	453	0			0.012 ^	NT
Grapefruit	177	0			0.003 - 0.020	NT
Green Beans	754	0			0.020 ^	0.01
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Potatoes	707	0			0.001 ^	0.01
Spinach	708	0			0.001 - 0.012	0.01
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	468	0			0.010 - 0.020	0.01
Sweet Corn, Frozen	65	0			0.010 - 0.020	0.01
Tomatoes	708	0			0.001 ^	0.01
Watermelon	370	0			0.010 ^	0.01
TOTAL	**7,012**	**0**				

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
Bensulide (herbicide)						
Apples	708	0			0.004 ^	NT
Grapefruit	177	0			0.005 - 0.015	NT
Green Beans	754	0			0.015 ^	NT
Lettuce	378	3	0.8	0.004 - 0.007	0.004 ^	0.15
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.015	NT
Sweet Corn, Frozen	65	0			0.005 - 0.015	NT
Watermelon	370	0			0.004 ^	0.15
TOTAL	**4,204**	**3**				
Bensulide oxygen analog (metabolite of Bensulide)						
Apples	708	0			0.002 ^	NT
Grapefruit	87	0			0.002 ^	NT
Green Beans	754	0			0.002 ^	NT
Lettuce	378	11	2.9	0.003 - 0.022	0.002 ^	0.15
Sweet Corn, Fresh	218	0			0.002 ^	NT
Sweet Corn, Frozen	45	0			0.002 ^	NT
Watermelon	370	0			0.002 ^	0.15
TOTAL	**2,560**	**11**				
Bentazon (herbicide)						
Cherries, Fresh	232	0			0.030 ^	NT
Cherries, Frozen	453	0			0.030 ^	NT
Grapefruit	177	0			0.003 - 0.10	NT
Green Beans	754	0			0.10 ^	0.5
Nectarines	578	0			0.003 ^	NT
Spinach	350	0			0.029 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.10	0.05
Sweet Corn, Frozen	65	0			0.003 - 0.10	0.05
TOTAL	**3,783**	**0**				
Benthiavalicarb isopropyl (fungicide)						
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Spinach	350	0			0.005 ^	NT
TOTAL	**1,035**	**0**				
Bifenazate (acaricide)						
Cherries, Fresh	232	0			0.005 ^	2.5
Cherries, Frozen	453	0			0.005 ^	2.5
Grapefruit	90	0			0.003 ^	NT
Grapes	708	1	0.1	0.017 ^	0.010 ^	0.75
Nectarines	578	33	5.7	0.003 - 0.048	0.003 ^	2.5
Spinach	350	0			0.005 ^	NT
Strawberries	706	169	23.9	0.003 - 1.2	0.003 ^	1.5
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**3,387**	**203**				

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
Bifenox (herbicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Bifenthrin (insecticide)						
Apples	708	1	0.1	0.013 ^	0.002 ^	0.5
Cherries, Fresh	232	0			0.008 ^	0.05
Cherries, Frozen	453	0			0.008 ^	0.05
Cucumbers	378	44	11.6	0.005 - 0.072	0.005 ^	0.4
Grapefruit	177	0			0.003 - 0.040	0.05
Grapes	708	38	5.4	0.002 - 0.037	0.001 ^	0.2
Green Beans	754	63	8.4	0.040 - 0.19	0.040 ^	0.6
Lettuce	378	8	2.1	0.002 - 0.11	0.002 ^	3.0
Nectarines	578	0			0.003 - 0.010	0.5
Oranges	707	0			0.005 ^	0.05
Peaches	362	0			0.005 ^	0.5
Pears	705	2	0.3	0.002 - 0.011	0.001 ^	0.5
Potatoes	707	33	4.7	0.002 - 0.020	0.001 ^	0.05
Spinach (X-2)	708	62	8.8	0.002 - 1.5	0.001 - 0.008	0.2
Strawberries	706	202	28.6	0.003 - 0.30	0.003 - 0.010	3.0
Sweet Corn, Fresh	468	0			0.010 - 0.040	0.05
Sweet Corn, Frozen	65	0			0.010 - 0.040	0.05
Tomatoes	689	164	23.8	0.002 - 0.072	0.001 ^	0.15
Watermelon	370	23	6.2	0.002 - 0.007	0.002 ^	0.4
TOTAL	**9,853**	**640**				
Biphenyl (fungicide)						
Spinach	349	0			0.075 ^	NT
TOTAL	**349**	**0**				
Bitertanol (fungicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.002 ^	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**3,796**	**0**				
Boscalid (fungicide)						
Apples	708	179	25.3	0.003 - 0.18	0.003 ^	3.0
Cherries, Fresh	232	121	52.2	0.013 - 0.21	0.013 ^	3.5
Cherries, Frozen	453	140	30.9	0.013 - 0.20	0.013 ^	3.5
Cucumbers	378	25	6.6	0.011 - 0.095	0.010 ^	0.5
Grapefruit	177	0			0.003 - 0.005	2.0
Grapes	708	450	63.6	0.008 - 1.4	0.005 ^	5.0
Green Beans	754	39	5.2	0.005 - 0.37	0.005 ^	1.6
Lettuce	378	39	10.3	0.003 - 0.46	0.003 ^	11.0

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
Nectarines	578	85	14.7	0.005 - 0.21	0.003 - 0.005	3.5
Oranges	707	0			0.010 ^	2.0
Peaches	362	15	4.1	0.015 - 0.38	0.010 ^	3.5
Pears	704	189	26.8	0.008 - 0.20	0.005 ^	3.0
Potatoes	707	12	1.7	0.003 - 0.035	0.002 - 0.020	0.05
Spinach	708	19	2.7	0.003 - 0.11	0.002 - 0.020	60
Strawberries	706	341	48.3	0.003 - 0.99	0.003 - 0.005	4.5
Sweet Corn, Fresh	468	0			0.005 ^	0.20
Sweet Corn, Frozen	65	0			0.005 ^	0.20
Tomatoes	708	67	9.5	0.003 - 0.091	0.002 - 0.020	3.0
Watermelon	370	1	0.3	0.004 ^	0.003 ^	1.6
TOTAL	**9,871**	**1,722**				
Bromacil (herbicide)						
Apples	708	0			0.003 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Grapefruit	177	0			0.005 - 0.010	0.1
Lettuce	378	0			0.003 ^	NT
Nectarines	578	0			0.010 ^	NT
Spinach	350	0			0.020 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	163	0			0.010 ^	NT
Sweet Corn, Frozen	17	0			0.010 ^	NT
Watermelon	370	0			0.003 ^	NT
TOTAL	**4,132**	**0**				
Bromopropylate (acaricide)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**3,091**	**0**				
Bromuconazole (fungicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Bupirimate (fungicide)						
Apples	413	0			0.001 ^	NT
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen (V-1)	453	1	0.2	0.002 ^	0.002 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	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	EPA Tolerance Level, ppm
Spinach	350	0			0.002 ^	NT
Strawberries	706	0			0.001 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**4,909**	**1**				
Buprofezin (insecticide)						
Apples	708	10	1.4	0.002 - 0.020	0.002 ^	3.0
Cherries, Fresh	232	44	19	0.002 - 0.11	0.001 ^	1.9
Cherries, Frozen	453	44	9.7	0.001 - 0.038	0.001 ^	1.9
Cucumbers	378	1	0.3	0.010 ^	0.010 ^	0.50
Grapefruit	177	0			0.001 ^	2.5
Grapes	708	63	8.9	0.005 - 0.42	0.003 ^	2.5
Green Beans (X-1)	754	8	1.1	0.001 - 0.13	0.001 ^	0.02
Lettuce	378	7	1.9	0.002 - 0.029	0.002 ^	35
Nectarines	578	15	2.6	0.003 - 0.017	0.001 - 0.003	9.0
Oranges	707	0			0.010 ^	2.5
Peaches	362	9	2.5	0.012 - 0.077	0.010 ^	9.0
Pears	705	16	2.3	0.005 - 0.12	0.003 ^	6.0
Potatoes	707	0			0.001 ^	NT
Spinach	708	5	0.7	0.001 - 0.002	0.001 ^	35
Strawberries	706	15	2.1	0.003 - 0.59	0.001 - 0.003	2.5
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Tomatoes	708	61	8.6	0.002 - 0.058	0.001 ^	2.0
Watermelon	370	0			0.001 ^	0.50
TOTAL	**9,872**	**298**				
Butocarboxim (insecticide, acaricide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Cucumbers	378	0			0.010 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.010 ^	NT
TOTAL	**2,482**	**0**				
Butocarboxim sulfone (metabolite of Butocarboxim)						
Cherries, Fresh	232	0			0.011 ^	NT
Cherries, Frozen	453	0			0.011 ^	NT
Spinach	350	0			0.011 ^	NT
TOTAL	**1,035**	**0**				
Butocarboxim sulfoxide (metabolite of Butocarboxim)						
Cherries, Fresh	232	0			0.006 ^	NT
Cherries, Frozen	453	0			0.006 ^	NT
Spinach	350	0			0.006 ^	NT
TOTAL	**1,035**	**0**				
Butylate (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT

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
Sweet Corn, Fresh	250	0			0.005 - 0.010	0.1
Sweet Corn, Frozen	20	0			0.005 - 0.010	0.1
TOTAL	**1,644**	**0**				
Cadusafos (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Captan (fungicide) (parent of THPI)						
Cucumbers	378	0			0.020 ^	0.05
Grapes	708	2	0.3	0.083 ^	0.050 ^	25.0
Oranges	707	0			0.020 ^	NT
Peaches	362	17	4.7	0.021 - 3.0	0.020 ^	15.0
Pears	705	20	2.8	0.083 - 1.5	0.050 ^	25.0
TOTAL	**2,860**	**39**				
Carbaryl (insecticide)						
Apples	708	9	1.3	0.003 - 1.0	0.003 ^	12
Cherries, Fresh	232	12	5.2	0.003 - 0.60	0.003 ^	10
Cherries, Frozen	453	83	18.3	0.003 - 1.2	0.003 ^	10
Cucumbers	378	0			0.010 ^	3.0
Grapefruit	177	1	0.6	0.004 ^	0.002 - 0.003	10
Grapes	708	0			0.004 ^	10
Green Beans	754	0			0.002 ^	10
Lettuce	378	1	0.3	0.004 ^	0.003 ^	10
Nectarines	578	0			0.003 ^	10
Oranges	707	3	0.4	0.015 - 0.021	0.010 ^	10
Peaches	362	5	1.4	0.017 - 0.44	0.010 ^	10
Pears	705	1	0.1	0.007 ^	0.004 ^	12
Potatoes	707	0			0.001 ^	2.0
Spinach	708	0			0.001 - 0.003	22
Strawberries	706	1	0.1	1.2 ^	0.003 ^	4.0
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.1
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.1
Tomatoes	708	0			0.001 - 0.003	5.0
Watermelon	370	0			0.003 ^	3.0
TOTAL	**9,872**	**116**				
Carbendazim - MBC (fungicide) (metabolite of Benomyl and Thiophanate Methyl)						
Apples	708	131	18.5	0.001 - 0.13	0.001 ^	2.0
Cherries, Fresh	232	10	4.3	0.011 - 0.61	0.005 ^	20.0
Cherries, Frozen	453	112	24.7	0.005 - 0.62	0.005 ^	20.0
Cucumbers	378	29	7.7	0.010 - 0.18	0.010 ^	1.0
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.010 ^	5.0
Lettuce (V-2)	378	2	0.5	0.002 ^	0.001 ^	NT
Nectarines	578	14	2.4	0.003 - 0.043	0.001 - 0.003	3.0
Oranges	707	0			0.010 ^	NT
Peaches	362	8	2.2	0.029 - 0.24	0.010 ^	3.0
Pears	705	176	25	0.017 - 0.27	0.010 ^	3.0
Spinach (V-1)	708	1	0.1	0.007 ^	0.001 - 0.005	NT

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
Strawberries	706	119	16.9	0.001 - 0.42	0.001 - 0.003	7.0
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes (V-24)	708	24	3.4	0.002 - 0.015	0.001 ^	NT
Watermelon	370	56	15.1	0.001 - 0.021	0.001 ^	1.0
TOTAL	**8,061**	**682**				
Carbofuran (insecticide) (parent of 3-Hydroxycarbofuran)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.006 ^	NT
Cherries, Frozen	453	0			0.006 ^	NT
Cucumbers	378	0			0.010 ^	0.4
Grapefruit	177	0			0.001 ^	NT
Grapes	708	0			0.001 ^	0.4
Green Beans (V-4)	754	4	0.5	0.002 - 0.020	0.001 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.001 ^	NT
Potatoes	707	0			0.001 ^	2
Spinach	708	0			0.001 - 0.006	NT
Strawberries	706	1	0.1	0.032 ^	0.001 - 0.003	0.5
Sweet Corn, Fresh	468	0			0.001 - 0.003	1.0
Sweet Corn, Frozen	65	0			0.001 - 0.003	1.0
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.002 ^	0.4
TOTAL	**9,872**	**5**				
Carbophenothion (insecticide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**3,417**	**0**				
Carbophenothion methyl (insecticide)						
Nectarines	567	0			0.005 ^	NT
Strawberries	532	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,369**	**0**				
Carboxin (fungicide)						
Grapefruit	177	0			0.003 - 0.050	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	676	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.005 - 0.050	0.2
Sweet Corn, Frozen	65	0			0.005 - 0.050	0.2
TOTAL	**1,964**	**0**				

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
Carfentrazone (herbicide)						
Apples	708	0			0.005 ^	0.10
Cherries, Fresh	232	0			0.016 ^	0.10
Cherries, Frozen	453	0			0.016 ^	0.10
Cucumbers	378	0			0.005 ^	0.10
Grapefruit	177	0			0.003 - 0.005	0.10
Grapes	708	0			0.002 ^	0.10
Green Beans	754	0			0.005 ^	0.10
Lettuce	378	0			0.005 ^	0.10
Nectarines	578	0			0.003 ^	0.10
Oranges	707	0			0.005 ^	0.10
Peaches	362	0			0.005 ^	0.10
Pears	705	0			0.002 ^	0.10
Potatoes	707	0			0.005 - 0.015	0.10
Spinach	708	0			0.005 - 0.016	0.10
Strawberries	706	0			0.003 ^	0.10
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.10
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.10
Tomatoes	708	0			0.005 - 0.015	0.10
Watermelon	370	0			0.005 ^	0.10
TOTAL	**9,872**	**0**				
Chlorantraniliprole (insecticide)						
Apples	708	134	18.9	0.010 - 0.088	0.010 ^	1.2
Cucumbers	378	3	0.8	0.023 - 0.043	0.020 ^	0.5
Grapefruit	177	0			0.001 - 0.005	1.4
Grapes	708	61	8.6	0.025 - 0.072	0.015 ^	2.5
Green Beans	754	92	12.2	0.001 - 0.075	0.001 ^	2.0
Lettuce	378	22	5.8	0.011 - 0.51	0.010 ^	13
Nectarines	578	185	32	0.008 - 0.12	0.005 - 0.010	4.0
Oranges	707	0			0.020 ^	1.4
Peaches	362	37	10.2	0.020 - 0.069	0.020 ^	4.0
Pears	705	92	13	0.025 - 0.066	0.015 ^	1.2
Potatoes	688	15	2.2	0.003 - 0.011	0.002 - 0.010	0.30
Spinach	708	246	34.7	0.003 - 5.5	0.002 - 0.009	13
Strawberries	706	93	13.2	0.006 - 0.16	0.005 - 0.010	1.0
Sweet Corn, Fresh	468	1	0.2	0.002 ^	0.001 - 0.010	0.02
Sweet Corn, Frozen	65	0			0.001 - 0.010	0.02
Tomatoes	708	179	25.3	0.003 - 0.051	0.002 - 0.005	1.4
Watermelon	370	2	0.5	0.011 - 0.021	0.010 ^	0.5
TOTAL	**9,168**	**1,162**				
Chlorethoxyfos (insecticide)						
Grapefruit	177	0			0.005 - 0.020	NT
Nectarines	578	0			0.010 - 0.020	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.01
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.01
TOTAL	**1,994**	**0**				
Chlorfenapyr (insecticide)						
Apples	708	0			0.015 ^	0.01
Cherries, Fresh	232	0			0.040 ^	0.01
Cherries, Frozen	453	0			0.040 ^	0.01
Cucumbers (X-1)	378	6	1.6	0.006 - 0.022	0.005 ^	0.01

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
Grapefruit	177	0			0.025 - 0.25	0.01
Grapes	708	0			0.050 ^	0.01
Green Beans (X-1)	754	1	0.1	0.11 ^	0.025 ^	0.01
Lettuce	378	0			0.015 ^	0.01
Nectarines	578	0			0.25 ^	0.01
Oranges	707	0			0.005 ^	0.01
Peaches	362	0			0.005 ^	0.01
Pears	705	0			0.050 ^	0.01
Potatoes	707	0			0.002 ^	0.01
Spinach	708	0			0.002 - 0.040	0.01
Strawberries	706	0			0.25 ^	0.01
Sweet Corn, Fresh	468	0			0.025 - 0.25	0.01
Sweet Corn, Frozen	65	0			0.025 - 0.25	0.01
Tomatoes	708	58	8.2	0.004 - 0.082	0.002 ^	1.0
Watermelon	370	0			0.015 ^	0.01
TOTAL	**9,872**	**65**				
Chlorfenvinphos (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.010	NT
Potatoes	707	0			0.004 - 0.012	NT
Spinach	358	0			0.004 ^	NT
Strawberries	706	0			0.001 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.004 - 0.012	NT
TOTAL	**3,417**	**0**				
Chlorimuron ethyl (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Chlorobenzilate (acaricide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Chloroneb (fungicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Chlorothalonil (fungicide)						
Apples	531	0			0.020 ^	NT
Cucumbers	378	83	22	0.005 - 0.17	0.005 ^	5.0

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
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	0.5
Oranges (V-1)	707	1	0.1	0.029 ^	0.005 ^	NT
Peaches	362	1	0.3	0.005 ^	0.005 ^	0.5
Strawberries (V-1)	706	1	0.1	0.010 ^	0.005 - 0.010	NT
Watermelon	370	0			0.020 ^	5.0
TOTAL	**3,722**	**86**				
Chlorpropham (herbicide, growth regulator)						
Apples	708	0			0.020 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.003 - 0.005	NT
Green Beans (V-1)	754	1	0.1	0.041 ^	0.020 ^	NT
Lettuce	378	0			0.020 ^	NT
Nectarines (V-8)	578	8	1.4	0.006 - 0.049	0.003 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches (V-4)	362	4	1.1	0.006 - 0.016	0.005 ^	NT
Potatoes	707	697	98.6	0.002 - 11	0.001 ^	30
Spinach (V-1)	708	1	0.1	0.002 ^	0.001 - 0.020	NT
Strawberries (V-1)	706	1	0.1	0.005 ^	0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes (V-23)	708	23	3.2	0.002 - 0.041	0.001 - 0.003	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**8,459**	**735**				
Chlorpyrifos (insecticide)						
Apples	708	3	0.4	0.005 - 0.008	0.005 ^	0.1
Cherries, Fresh	232	1	0.4	0.049 ^	0.010 ^	1.0
Cherries, Frozen	453	2	0.4	0.027 - 0.030	0.010 ^	1.0
Cucumbers	378	4	1.1	0.016 - 0.060	0.005 ^	0.1
Grapefruit	148	0			0.003 - 0.035	1.0
Grapes	708	1	0.1	0.017 ^	0.010 ^	0.1
Green Beans	754	0			0.035 ^	0.1
Lettuce	378	0			0.005 ^	0.1
Nectarines	578	23	4	0.005 - 0.043	0.003 - 0.005	0.1
Oranges	707	1	0.1	0.006 ^	0.005 ^	1.0
Peaches (X-1)	362	33	9.1	0.005 - 0.38	0.005 ^	0.1
Pears	705	1	0.1	0.071 ^	0.010 ^	0.1
Potatoes	707	1	0.1	0.002 ^	0.001 ^	0.1
Spinach	708	8	1.1	0.002 - 0.034	0.001 - 0.010	0.1
Strawberries	706	5	0.7	0.003 - 0.13	0.003 - 0.005	0.2
Sweet Corn, Fresh	468	0			0.005 - 0.035	0.1
Sweet Corn, Frozen	65	0			0.005 - 0.035	0.1
Tomatoes	708	1	0.1	0.002 ^	0.001 ^	0.1
Watermelon	370	0			0.005 ^	0.1
TOTAL	**9,843**	**84**				
Chlorpyrifos oxygen analog (metabolite of Chlorpyrifos)						
Apples	708	0			0.002 ^	0.1
Cherries, Fresh	232	0			0.004 ^	1.0
Cherries, Frozen	453	0			0.004 ^	1.0
Cucumbers	378	0			0.010 ^	0.1

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
Grapefruit	177	0			0.001 ^	1.0
Grapes	708	0			0.005 ^	0.1
Green Beans	754	0			0.001 ^	0.1
Lettuce	378	0			0.002 ^	0.1
Nectarines	578	0			0.001 - 0.010	0.1
Oranges	707	0			0.010 ^	1.0
Pears	705	0			0.005 ^	0.1
Potatoes	707	0			0.001 - 0.003	0.1
Spinach	708	0			0.001 - 0.004	0.1
Strawberries	706	0			0.001 - 0.010	0.2
Sweet Corn, Fresh	468	0			0.001 - 0.010	0.1
Sweet Corn, Frozen	65	0			0.001 - 0.010	0.1
Tomatoes	708	0			0.001 - 0.003	0.1
Watermelon	370	0			0.002 ^	0.1
TOTAL	**9,510**	**0**				
Clethodim (herbicide)						
Grapefruit	177	0			0.010 - 0.40	NT
Green Beans	754	0			0.40 ^	3.5
Nectarines	578	0			0.010 - 0.040	0.20
Potatoes	707	0			0.002 ^	1.0
Spinach	358	0			0.002 ^	2.0
Strawberries	706	0			0.010 - 0.040	3.0
Sweet Corn, Fresh	468	0			0.040 - 0.40	NT
Sweet Corn, Frozen	65	0			0.040 - 0.40	NT
Tomatoes	708	0			0.002 ^	1.0
TOTAL	**4,521**	**0**				
Clofentezine (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Grapes	708	7	1	0.008 - 0.050	0.005 ^	1.0
Nectarines	578	0			0.005 - 0.020	1.0
Pears	705	4	0.6	0.008 - 0.021	0.005 ^	0.50
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**3,057**	**11**				
Clomazone (herbicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.070 ^	NT
Cherries, Frozen	453	0			0.070 ^	NT
Cucumbers	378	0			0.005 ^	0.1
Grapefruit	177	0			0.003 - 0.005	NT
Green Beans	754	0			0.005 ^	0.05
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.071	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	NT
Sweet Corn, Frozen	65	0			0.003 - 0.005	NT

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
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.005 ^	0.05
TOTAL	**8,459**	**0**				
Clopyralid (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	0.5
Strawberries	706	0			0.020 ^	4.0
Sweet Corn, Fresh	250	0			0.020 ^	1.0
Sweet Corn, Frozen	20	0			0.020 ^	1.0
TOTAL	**1,644**	**0**				
Cloransulam methyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Clothianidin (insecticide) (also a metabolite of Thiamethoxam)						
Apples	708	0			0.010 ^	1.0
Cherries, Fresh	232	0			0.035 ^	0.02
Cherries, Frozen	453	0			0.035 ^	0.02
Cucumbers	378	0			0.010 ^	0.06
Grapefruit	177	11	6.2	0.001 - 0.018	0.001 - 0.005	0.07
Grapes	708	40	5.6	0.017 - 0.51	0.010 ^	0.60
Green Beans	754	1	0.1	0.010 ^	0.005 ^	0.02
Lettuce	378	0			0.010 ^	3.0
Nectarines	578	19	3.3	0.003 - 0.033	0.001 - 0.003	0.80
Oranges	707	0			0.010 ^	0.07
Peaches	362	11	3	0.010 - 0.062	0.010 ^	0.80
Pears	699	17	2.4	0.017 - 0.035	0.010 ^	1.0
Potatoes	707	164	23.2	0.003 - 0.061	0.002 ^	0.3
Spinach	708	220	31.1	0.003 - 0.38	0.002 - 0.035	3.0
Strawberries	706	11	1.6	0.001 - 0.003	0.001 - 0.003	0.30
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.01
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.01
Tomatoes	708	73	10.3	0.003 - 0.045	0.002 ^	0.20
Watermelon	370	0			0.010 ^	0.06
TOTAL	**9,866**	**567**				
Coumaphos (insecticide)						
Apples	708	0			0.010 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	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	EPA Tolerance Level, ppm
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,320**	**0**				
Coumaphos oxygen analog (metabolite of Coumaphos)						
Apples	708	0			0.010 ^	NT
Lettuce	378	0			0.010 ^	NT
Potatoes	707	0			0.008 ^	NT
Spinach	358	0			0.008 ^	NT
Tomatoes	708	0			0.008 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,229**	**0**				
Crotoxyphos (insecticide, acaricide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Crufomate (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Cyantraniliprole (insecticide)						
Grapefruit	177	0			0.003 - 0.005	0.70
Nectarines	578	9	1.6	0.006 - 0.025	0.003 ^	1.5
Potatoes	707	0			0.004 ^	0.15
Spinach	708	1	0.1	0.064 ^	0.004 - 0.15	20
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	1	0.1	0.006 ^	0.004 - 0.012	2.0
TOTAL	**3,854**	**11**				
Cyazofamid (fungicide)						
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Grapefruit	177	0			0.010 ^	NT
Grapes	708	0			0.017 ^	1.5
Green Beans	754	2	0.3	0.072 - 0.098	0.010 ^	0.5
Nectarines	578	0			0.010 ^	NT
Potatoes	707	0			0.012 ^	0.02
Spinach	708	30	4.2	0.030 - 2.6	0.012 - 0.020	10
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.010 ^	NT
Sweet Corn, Frozen	65	0			0.010 ^	NT
Tomatoes	708	6	0.8	0.020 ^	0.012 ^	0.9
TOTAL	**6,264**	**38**				

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
Cyflufenamid (fungicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	57	8.1	0.002 - 0.080	0.001 - 0.003	0.20
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**57**				
Cyflumetofen (acaricide)						
Grapefruit	177	0			0.010 - 0.20	0.30
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	49	6.9	0.006 - 0.39	0.005 - 0.010	0.60
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,731**	**49**				
Cyfluthrin (insecticide)						
Apples	708	13	1.8	0.005 - 0.032	0.004 ^	0.5
Cherries, Fresh	232	1	0.4	0.048 ^	0.042 ^	0.3
Cherries, Frozen	453	10	2.2	0.047 - 0.092	0.042 ^	0.3
Cucumbers	378	6	1.6	0.005 - 0.031	0.005 ^	0.1
Grapefruit	177	0			0.010 ^	0.2
Grapes	708	9	1.3	0.033 ^	0.020 ^	1.0
Green Beans	754	2	0.3	0.011 - 0.019	0.010 ^	0.05
Lettuce	378	3	0.8	0.010 - 0.28	0.004 ^	3.0
Nectarines	578	13	2.2	0.005 - 0.092	0.005 - 0.010	0.3
Oranges	707	0			0.005 ^	0.2
Peaches	362	23	6.4	0.007 - 0.069	0.005 ^	0.3
Pears	705	0			0.020 ^	0.5
Potatoes	707	0			0.008 - 0.025	0.01
Spinach	708	30	4.2	0.042 - 0.62	0.025 - 0.042	6.0
Strawberries	706	0			0.005 - 0.010	0.05
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.05
Tomatoes	670	0			0.008 - 0.050	0.20
Watermelon	370	0			0.004 ^	0.1
TOTAL	**9,834**	**110**				
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (insecticide)						
Apples	708	29	4.1	0.005 - 0.067	0.005 ^	0.30
Cherries, Fresh	232	96	41.4	0.012 - 0.15	0.012 ^	0.50
Cherries, Frozen	453	91	20.1	0.012 - 0.22	0.012 ^	0.50
Cucumbers	378	6	1.6	0.009 - 0.033	0.008 ^	0.05
Grapefruit	177	0			0.010 - 0.025	0.01
Green Beans	754	37	4.9	0.008 - 0.034	0.008 ^	0.20
Lettuce	378	46	12.2	0.007 - 0.84	0.005 ^	2.0
Nectarines	578	43	7.4	0.010 - 0.051	0.010 ^	0.50
Oranges	707	0			0.008 ^	0.01
Peaches	362	76	21	0.008 - 0.039	0.008 ^	0.50
Potatoes	707	0			0.003 ^	0.02
Spinach (X-6)	708	17	2.4	0.005 - 0.51	0.003 - 0.012	0.01
Strawberries	706	0			0.010 ^	0.01
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.05

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
Tomatoes	708	31	4.4	0.005 - 0.069	0.003 ^	0.1
Watermelon	370	0			0.005 ^	0.05
TOTAL	**8,459**	**472**				
Cyhalothrin, Lambda (includes gamma isomer)						
Grapes	708	6	0.8	0.003 - 0.009	0.002 ^	0.01
Pears	705	37	5.2	0.003 - 0.071	0.002 ^	0.30
TOTAL	**1,413**	**43**				
Cymoxanil (fungicide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Grapefruit	177	0			0.010 ^	NT
Grapes	708	0			0.025 ^	0.10
Green Beans	754	0			0.010 ^	NT
Lettuce	378	0			0.002 ^	19
Nectarines	578	0			0.010 ^	NT
Potatoes	707	0			0.003 ^	0.05
Spinach	708	4	0.6	0.024 - 0.062	0.003 - 0.020	19
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.010 ^	NT
Sweet Corn, Frozen	65	0			0.010 ^	NT
Tomatoes	708	0			0.003 - 0.010	0.2
Watermelon	370	0			0.002 ^	0.05
TOTAL	**7,720**	**4**				
Cypermethrin (insecticide)						
Apples	708	4	0.6	0.012 - 0.026	0.010 ^	2
Cherries, Fresh	232	0			0.068 ^	1
Cherries, Frozen	453	35	7.7	0.069 - 0.23	0.068 ^	1
Cucumbers	378	15	4	0.010 - 0.070	0.010 ^	0.2
Grapefruit	177	0			0.020 - 0.025	0.35
Grapes	708	3	0.4	0.033 - 0.13	0.020 ^	2
Green Beans	754	23	3.1	0.030 - 0.34	0.030 ^	0.5
Lettuce	378	16	4.2	0.016 - 1.0	0.010 ^	10.00
Nectarines	578	0			0.010 - 0.020	1
Oranges	707	0			0.010 ^	0.35
Peaches	362	7	1.9	0.047 - 0.19	0.010 ^	1
Pears	705	0			0.020 ^	2
Potatoes	707	0			0.022 ^	0.1
Spinach	708	133	18.8	0.037 - 3.0	0.022 - 0.069	10.00
Strawberries	706	2	0.3	0.018 - 0.033	0.010 - 0.020	0.8
Sweet Corn, Fresh	468	0			0.010 - 0.025	0.05
Sweet Corn, Frozen	65	0			0.010 - 0.025	0.05
Tomatoes	708	12	1.7	0.037 - 0.15	0.022 - 0.075	0.2
Watermelon	370	0			0.010 ^	0.2
TOTAL	**9,872**	**250**				
Cyphenothrin (insecticide)						
Apples	708	0			0.015 ^	NT
Cherries, Fresh	232	0			0.058 ^	NT
Cherries, Frozen (V-1)	453	1	0.2	1.5 ^	0.058 ^	NT
Grapefruit	177	0			0.010 - 0.050	NT
Grapes	708	0			0.012 ^	NT

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
Green Beans	754	0			0.050 ^	NT
Lettuce	347	0			0.015 ^	NT
Nectarines	578	0			0.010 ^	NT
Pears	705	0			0.012 ^	NT
Spinach	350	0			0.058 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.010 - 0.050	NT
Sweet Corn, Frozen	65	0			0.010 - 0.050	NT
Watermelon	370	0			0.015 ^	NT
TOTAL	**6,621**	**1**				
Cyproconazole (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Spinach	350	0			0.005 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	220	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**4,105**	**0**				
Cyprodinil (fungicide)						
Apples	708	28	4	0.005 - 0.058	0.005 ^	1.7
Cherries, Fresh	232	0			0.012 ^	2.0
Cherries, Frozen	453	5	1.1	0.013 - 0.037	0.012 ^	2.0
Cucumbers	378	27	7.1	0.005 - 0.12	0.005 ^	0.70
Grapefruit	177	0			0.005 - 0.055	NT
Grapes	708	318	44.9	0.010 - 1.8	0.006 ^	3.0
Green Beans	754	2	0.3	0.11 - 0.30	0.055 ^	0.6
Lettuce	378	4	1.1	0.024 - 0.78	0.005 ^	50
Nectarines	578	24	4.2	0.003 - 0.31	0.003 - 0.005	2.0
Oranges	707	0			0.005 ^	NT
Peaches	362	23	6.4	0.006 - 0.45	0.005 ^	2.0
Pears	705	1	0.1	0.16 ^	0.006 ^	1.7
Spinach	350	0			0.012 ^	50
Strawberries	706	350	49.6	0.003 - 1.7	0.003 - 0.005	5.0
Sweet Corn, Fresh	438	0			0.003 - 0.055	NT
Sweet Corn, Frozen	65	0			0.003 - 0.055	NT
Watermelon	370	17	4.6	0.005 - 0.043	0.005 ^	0.70
TOTAL	**8,069**	**799**				
Cyprosulfamide (herbicide safener)						
Grapefruit	177	0			0.002 - 0.003	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	441	0			0.002 - 0.003	0.01
Sweet Corn, Frozen	63	0			0.002 - 0.003	0.01
TOTAL	**1,965**	**0**				

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
Cyromazine (insect growth regulator)						
Grapefruit	90	0			0.005 ^	NT
Green Beans	754	0			0.10 ^	2.0
Nectarines	578	0			0.005 ^	NT
Potatoes	707	0			0.008 ^	0.8
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.10	0.5
Sweet Corn, Frozen	65	0			0.005 - 0.10	0.5
Tomatoes	708	7	1	0.008 - 0.022	0.008 ^	0.5
TOTAL	**4,076**	**7**				
DCPA (herbicide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.005 ^	1.0
Grapefruit	177	0			0.003 - 0.010	NT
Grapes	708	0			0.001 ^	NT
Green Beans	754	1	0.1	0.026 ^	0.010 ^	2.0
Lettuce	378	21	5.6	0.002 - 0.016	0.002 ^	2.0
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	2.0
Spinach (V-32)	708	32	4.5	0.002 - 0.036	0.001 - 0.020	NT
Strawberries	706	0			0.003 ^	2.0
Sweet Corn, Fresh	468	0			0.003 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.003 - 0.010	0.05
Tomatoes	708	0			0.001 ^	1.0
Watermelon	370	0			0.002 ^	1.0
TOTAL	**9,167**	**54**				
DEF - Tribufos (herbicide, plant growth regulator)						
Apples	560	0			0.002 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**2,574**	**0**				
Deltamethrin (includes parent Tralomethrin) (insecticide)						
Apples	708	0			0.015 ^	0.2
Cherries, Fresh	232	0			0.12 ^	0.05
Cherries, Frozen	453	0			0.12 ^	0.05
Cucumbers	378	0			0.008 ^	0.2
Grapefruit	177	0			0.005 - 0.50	0.05
Grapes	708	0			0.015 ^	0.05
Green Beans	754	0			0.050 ^	0.05
Lettuce	283	0			0.015 ^	0.05
Nectarines	578	0			0.005 ^	0.05
Oranges	707	0			0.008 ^	0.05
Peaches	362	0			0.008 ^	0.05
Pears	705	0			0.015 ^	0.2

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
Potatoes	707	0			0.012 ^	0.04
Spinach	708	0			0.040 - 0.12	0.05
Strawberries	706	0			0.005 ^	0.05
Sweet Corn, Fresh	468	0			0.005 - 0.025	0.03
Sweet Corn, Frozen	65	0			0.005 - 0.025	0.03
Tomatoes	708	0			0.012 - 0.040	0.2
Watermelon	370	0			0.015 ^	0.2
TOTAL	**9,777**	**0**				
Demeton-O (metabolite of the insecticide Demeton)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Demeton-S (metabolite of Demeton)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 - 0.030	NT
Strawberries	706	0			0.010 - 0.030	NT
Sweet Corn, Fresh	250	0			0.030 ^	NT
Sweet Corn, Frozen	20	0			0.030 ^	NT
TOTAL	**1,644**	**0**				
Demeton-S sulfone (metabolite of Demeton-S)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Desmedipham (herbicide)						
Spinach	350	0			0.029 ^	6.0
TOTAL	**350**	**0**				
Dialifos (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Diazinon (insecticide)						
Apples	708	26	3.7	0.006 - 0.21	0.005 ^	0.50
Cherries, Fresh	232	0			0.010 ^	0.20
Cherries, Frozen	453	0			0.010 ^	0.20
Cucumbers	378	2	0.5	0.023 - 0.025	0.002 ^	0.75
Grapefruit	177	0			0.001 - 0.005	NT
Grapes	708	0			0.001 ^	0.75
Green Beans	754	0			0.001 ^	0.50
Lettuce	378	0			0.005 ^	0.70
Nectarines	578	1	0.2	0.004 ^	0.001 - 0.003	0.20

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
Oranges	707	0			0.002 ^	NT
Peaches	362	0			0.002 ^	0.20
Pears	705	1	0.1	0.002 ^	0.001 ^	0.50
Potatoes	510	0			0.001 ^	0.10
Spinach	648	0			0.001 - 0.010	0.70
Strawberries	706	1	0.1	0.005 ^	0.001 - 0.003	0.50
Sweet Corn, Fresh	468	0			0.003 - 0.005	NT
Sweet Corn, Frozen	65	0			0.003 - 0.005	NT
Tomatoes	512	0			0.001 ^	0.75
Watermelon	370	0			0.005 ^	0.75
TOTAL	**9,419**	**31**				
Diazinon oxygen analog (metabolite of Diazinon)						
Cherries, Fresh	232	0			0.008 ^	0.20
Cherries, Frozen	453	0			0.008 ^	0.20
Cucumbers	378	0			0.001 ^	0.75
Grapefruit	177	0			0.001 - 0.005	NT
Grapes	708	0			0.001 ^	0.75
Green Beans	754	0			0.001 ^	0.50
Nectarines	578	0			0.001 - 0.005	0.20
Oranges	707	0			0.001 ^	NT
Peaches	362	0			0.001 ^	0.20
Pears	705	0			0.001 ^	0.50
Potatoes	707	0			0.001 ^	0.10
Spinach	708	0			0.001 - 0.008	0.70
Strawberries	706	0			0.001 - 0.005	0.50
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	0.75
TOTAL	**8,416**	**0**				
Dicamba (herbicide)						
Grapefruit	90	0			0.25 ^	NT
Nectarines	578	0			0.25 ^	NT
Strawberries	706	0			0.25 ^	NT
Sweet Corn, Fresh	250	0			0.25 ^	0.04
Sweet Corn, Frozen	20	0			0.25 ^	0.04
TOTAL	**1,644**	**0**				
Dichlobenil (herbicide)						
Apples	708	0			0.010 ^	0.5
Cherries, Fresh	232	0			0.007 ^	0.15
Cherries, Frozen	453	0			0.007 ^	0.15
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.001 ^	0.15
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.003	0.15
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	0.15
Pears	705	0			0.001 ^	0.5
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.007	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	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	EPA Tolerance Level, ppm
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,768**	**0**				
Dichlofluanid (fungicide, acaricide)						
Cherries, Fresh	232	0			0.017 - 0.12	NT
Cherries, Frozen	453	0			0.017 - 0.12	NT
TOTAL	**685**	**0**				
Dichlormid (herbicide safener)						
Grapefruit	177	0			0.005 - 0.020	NT
Nectarines	578	0			0.020 - 0.050	NT
Strawberries	706	0			0.020 - 0.050	NT
Sweet Corn, Fresh	468	0			0.005 - 0.050	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.050	0.05
TOTAL	**1,994**	**0**				
Dichlorprop (herbicide)						
Grapefruit	90	0			0.050 ^	NT
Nectarines	578	0			0.050 ^	NT
Strawberries	706	0			0.050 ^	NT
Sweet Corn, Fresh	250	0			0.050 ^	NT
Sweet Corn, Frozen	20	0			0.050 ^	NT
TOTAL	**1,644**	**0**				
Dichlorvos - DDVP (insecticide) (also a metabolite of Naled)						
Apples	708	0			0.020 ^	0.5
Cherries, Fresh	232	0			0.005 ^	0.5
Cherries, Frozen	453	1	0.2	0.018 ^	0.005 ^	0.5
Cucumbers	378	0			0.010 ^	0.5
Grapefruit	177	0			0.005 - 0.020	3
Grapes	708	0			0.050 ^	0.5
Green Beans	754	0			0.060 ^	0.5
Lettuce	378	0			0.020 ^	0.5
Nectarines	578	0			0.020 ^	0.5
Oranges	707	0			0.010 ^	3
Pears	705	0			0.050 ^	0.5
Potatoes	707	0			0.003 ^	0.5
Spinach	708	0			0.003 - 0.005	3
Strawberries	706	11	1.6	0.028 - 0.24	0.020 ^	1
Sweet Corn, Fresh	468	0			0.005 - 0.020	0.5
Sweet Corn, Frozen	65	0			0.005 - 0.020	0.5
Watermelon	370	0			0.020 ^	0.5
TOTAL	**8,802**	**12**				
Diclofop methyl (herbicide)						
Apples	708	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**1,456**	**0**				
Dicloran (fungicide)						
Apples	708	0			0.016 ^	NT
Cherries, Fresh	232	0			0.020 ^	20

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
Cherries, Frozen	453	0			0.020 ^	20
Cucumbers	378	1	0.3	0.011 ^	0.005 ^	5
Grapefruit	177	0			0.020 - 0.10	NT
Grapes	708	0			0.015 ^	10
Green Beans	754	28	3.7	0.010 - 7.1	0.010 ^	20
Lettuce	378	0			0.016 ^	10
Nectarines	578	0			0.010 - 0.020	20
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	20
Potatoes	707	0			0.002 - 0.008	0.25
Spinach (V-5)	708	5	0.7	0.004 - 0.029	0.002 - 0.020	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	468	0			0.010 - 0.10	NT
Sweet Corn, Frozen	65	0			0.010 - 0.10	NT
Tomatoes	708	13	1.8	0.004 - 0.019	0.002 ^	5
Watermelon	370	0			0.016 ^	NT
TOTAL	**9,167**	**47**				
Diclosulam (herbicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Dicofol Total (insecticide)						
Grapes	708	0			0.002 ^	5.0
Green Beans	754	0			0.015 ^	3.0
Pears	705	0			0.002 ^	10.0
TOTAL	**2,167**	**0**				
Dicofol o,p' (isomer of Dicofol)						
Cherries, Fresh	232	0			0.015 ^	5.0
Cherries, Frozen	453	0			0.015 ^	5.0
Grapefruit	90	0			0.005 ^	6.0
Nectarines	578	0			0.005 - 0.010	5.0
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.015	NT
Strawberries	706	0			0.005 - 0.010	10.0
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.002 ^	2.0
TOTAL	**4,452**	**0**				
Dicofol p,p' (isomer of Dicofol)						
Apples	708	0			0.010 ^	10.0
Cherries, Fresh	232	0			0.024 ^	5.0
Cherries, Frozen	453	0			0.024 ^	5.0
Grapefruit	177	0			0.005 ^	6.0
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.005 ^	5.0
Potatoes (V-1)	707	1	0.1	0.002 ^	0.001 ^	NT
Spinach	708	0			0.001 - 0.024	NT
Strawberries	706	0			0.005 ^	10.0

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
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	2	0.3	0.008 - 0.021	0.001 ^	2.0
Watermelon	370	0			0.010 ^	2.0
TOTAL	**6,258**	**3**				
Dicrotophos (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**3,417**	**0**				
Diethofencarb (fungicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Difenoconazole (fungicide)						
Apples	708	5	0.7	0.010 - 0.017	0.010 ^	5.0
Cherries, Fresh	232	0			0.005 ^	2.5
Cherries, Frozen	453	0			0.005 ^	2.5
Cucumbers	378	2	0.5	0.005 - 0.006	0.005 ^	0.70
Grapefruit	177	0			0.003 - 0.005	0.60
Grapes	708	101	14.3	0.002 - 0.076	0.001 ^	4.0
Green Beans (V-3)	754	3	0.4	0.006 - 0.055	0.005 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	6	1	0.005 - 0.037	0.003 - 0.005	2.5
Oranges	707	0			0.005 ^	0.60
Peaches	362	6	1.7	0.014 - 0.066	0.005 ^	2.5
Pears	705	14	2	0.002 - 0.096	0.001 ^	5.0
Potatoes	707	59	8.3	0.002 - 1.6	0.001 ^	4.0
Spinach (V-1)	708	1	0.1	0.18 ^	0.003 - 0.005	NT
Strawberries	706	18	2.5	0.003 - 0.49	0.003 - 0.005	2.5
Sweet Corn, Fresh	468	0			0.005 ^	0.01
Sweet Corn, Frozen	65	0			0.005 ^	0.01
Tomatoes	708	192	27.1	0.002 - 0.17	0.001 ^	0.60
Watermelon	370	0			0.010 ^	0.70
TOTAL	**9,872**	**407**				
Diflubenzuron (insecticide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.076 ^	NT
Cherries, Frozen	453	0			0.076 ^	NT
Grapefruit	177	0			0.001 - 0.020	3.0
Lettuce	378	0			0.002 ^	NT
Nectarines	578	4	0.7	0.005 - 0.044	0.001 - 0.005	0.07
Pears	705	3	0.4	0.005 - 0.035	0.003 ^	0.50

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
Potatoes	707	0			0.002 ^	NT
Spinach (V-7)	708	7	1	0.003 - 0.15	0.002 - 0.076	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon (V-1)	370	1	0.3	0.003 ^	0.002 ^	NT
TOTAL	**6,700**	**15**				
Diflufenzopyr (herbicide)						
Grapefruit	87	0			0.001 ^	NT
Sweet Corn, Fresh	218	0			0.001 ^	0.05
Sweet Corn, Frozen	45	0			0.001 ^	0.05
TOTAL	**350**	**0**				
Dimethenamid (herbicide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.007 ^	NT
Cherries, Frozen	453	0			0.007 ^	NT
Grapefruit	177	0			0.001 - 0.005	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.001 - 0.003	0.01
Spinach	708	0			0.001 - 0.007	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.01
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.01
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**6,258**	**0**				
Dimethoate (insecticide) (parent of Omethoate)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	1	0.4	0.065 ^	0.005 ^	2.0
Cherries, Frozen	453	22	4.9	0.006 - 0.15	0.005 ^	2.0
Cucumbers (V-1)	378	1	0.3	0.013 ^	0.010 ^	NT
Grapefruit	177	0			0.001 ^	2.0
Grapes	708	0			0.005 ^	NT
Green Beans (X-1)	754	39	5.2	0.001 - 3.2	0.001 ^	2.0
Lettuce	378	1	0.3	0.005 ^	0.005 ^	2.0
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	2.0
Peaches	362	0			0.010 ^	NT
Pears	705	1	0.1	0.26 ^	0.005 ^	2.0
Potatoes	707	0			0.002 ^	0.2
Spinach (V-1)	708	1	0.1	0.041 ^	0.002 - 0.005	NT
Strawberries (V-1)	706	1	0.1	0.004 ^	0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Tomatoes	708	2	0.3	0.013 - 0.048	0.002 ^	2.0
Watermelon	370	7	1.9	0.006 - 0.022	0.005 ^	1.0
TOTAL	**9,872**	**76**				

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
Dimethomorph (fungicide)						
Apples	708	0			0.003 ^	NT
Cucumbers	378	3	0.8	0.011 - 0.014	0.010 ^	0.5
Grapefruit	177	0			0.003 - 0.25	NT
Grapes	708	0			0.007 ^	3.0
Green Beans	754	0			0.001 ^	NT
Lettuce	378	57	15.1	0.003 - 1.6	0.003 ^	30.0
Nectarines	578	0			0.003 - 0.005	NT
Oranges	687	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.001 ^	0.05
Spinach	708	196	27.7	0.002 - 6.3	0.001 - 0.010	30.0
Strawberries	706	0			0.003 - 0.005	0.90
Sweet Corn, Fresh	468	0			0.005 - 0.025	NT
Sweet Corn, Frozen	65	0			0.005 - 0.025	NT
Tomatoes	708	44	6.2	0.002 - 0.028	0.001 ^	1.5
Watermelon	370	0			0.003 ^	0.5
TOTAL	**8,462**	**300**				
Diniconazole (fungicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	191	0			0.003 ^	NT
Sweet Corn, Frozen	19	0			0.003 ^	NT
TOTAL	**1,584**	**0**				
Dinotefuran (insecticide)						
Apples	708	0			0.003 ^	2.0
Cherries, Fresh	232	0			0.015 ^	2.0
Cherries, Frozen	453	0			0.015 ^	2.0
Cucumbers	378	29	7.7	0.010 - 0.12	0.010 ^	0.5
Grapefruit	177	0			0.003 - 0.040	0.01
Grapes	708	0			0.050 ^	0.9
Green Beans (X-1)	754	1	0.1	0.041 ^	0.040 ^	0.01
Lettuce	378	2	0.5	0.004 ^	0.003 ^	5.0
Nectarines	578	0			0.003 - 0.005	2.0
Oranges	707	0			0.010 ^	0.01
Pears	705	0			0.050 ^	2.0
Potatoes	707	0			0.006 ^	0.05
Spinach	708	12	1.7	0.010 - 0.11	0.006 - 0.015	5.0
Strawberries	706	0			0.003 - 0.005	0.01
Sweet Corn, Fresh	468	0			0.005 - 0.040	0.01
Sweet Corn, Frozen	65	0			0.005 - 0.040	0.01
Tomatoes	708	126	17.8	0.010 - 0.10	0.006 ^	0.7
Watermelon	370	18	4.9	0.004 - 0.15	0.003 ^	0.5
TOTAL	**9,510**	**188**				
Dioxacarb (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	494	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,560**	**0**				

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
Dioxathion (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Diphenamid (herbicide)						
Cucumbers	378	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Tomatoes	708	0			0.002 - 0.008	NT
TOTAL	**3,220**	**0**				
Diphenylamine - DPA (plant growth regulator)						
Apples	708	582	82.2	0.002 - 4.1	0.002 ^	10.0
Cherries, Fresh	232	0			0.061 ^	NT
Cherries, Frozen	453	0			0.061 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes	708	0			0.004 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines (V-3)	578	3	0.5	0.003 - 0.004	0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Pears	705	81	11.5	0.007 - 1.1	0.004 ^	5.0
Potatoes	707	0			0.003 ^	NT
Spinach	708	0			0.003 - 0.062	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.003 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**8,768**	**666**				
Disulfoton (insecticide)						
Cherries, Fresh	232	0			0.050 ^	NT
Cherries, Frozen	453	0			0.050 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.050	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**5,899**	**0**				

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
Disulfoton oxygen analog (metabolite of Disulfoton)						
Apples	708	0			0.001 ^	NT
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	0			0.002 ^	NT
Grapefruit	87	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	0.75
Lettuce	378	0			0.001 ^	2
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 ^	NT
Sweet Corn, Fresh	218	0			0.001 ^	NT
Sweet Corn, Frozen	45	0			0.001 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**5,368**	**0**				
Disulfoton sulfone (metabolite of Disulfoton)						
Apples	708	0			0.020 ^	NT
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.020 ^	2
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.050 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.010	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**7,355**	**0**				
Disulfoton sulfone oxygen analog (metabolite of Disulfoton)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Green Beans	754	0			0.005 ^	0.75
Potatoes	707	0			0.001 - 0.006	NT
Spinach (V-1)	708	1	0.1	0.002 ^	0.001 - 0.010	NT
Sweet Corn, Fresh	218	0			0.005 ^	NT
Sweet Corn, Frozen	45	0			0.005 ^	NT
Tomatoes	688	0			0.001 - 0.006	NT
TOTAL	**3,805**	**1**				
Disulfoton sulfoxide (metabolite of Disulfoton)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	0.75
Lettuce	378	1	0.3	0.008 ^	0.005 ^	2
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	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	EPA Tolerance Level, ppm
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,012**	**1**				
Disulfoton sulfoxide oxygen analog (metabolite of Disulfoton)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Green Beans	754	0			0.001 ^	0.75
Potatoes	707	0			0.001 - 0.003	NT
Spinach	708	0			0.001 - 0.010	NT
Sweet Corn, Fresh	218	0			0.001 ^	NT
Sweet Corn, Frozen	45	0			0.001 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**3,825**	**0**				
Diuron (herbicide)						
Apples	708	0			0.002 ^	0.1
Cherries, Fresh	232	0			0.015 ^	NT
Cherries, Frozen	453	0			0.015 ^	NT
Grapefruit	177	0			0.010 ^	0.05
Grapes	708	0			0.006 ^	0.05
Green Beans	754	0			0.010 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.010 ^	NT
Pears	705	0			0.006 ^	1
Potatoes	707	0			0.008 ^	NT
Spinach	708	0			0.008 - 0.015	NT
Strawberries	706	0			0.010 ^	0.1
Sweet Corn, Fresh	468	0			0.010 ^	NT
Sweet Corn, Frozen	65	0			0.010 ^	NT
Tomatoes	708	0			0.008 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**8,425**	**0**				
DMST (4-dimethylaminosulphotosluidide) (metabolite of Tolyfluanid)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Dodine (fungicide)						
Apples	708	4	0.6	0.029 - 0.23	0.010 ^	5.0
Grapefruit	90	0			0.010 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.010 - 0.020	5.0
Pears	705	6	0.9	0.033 - 0.12	0.020 ^	5.0
Strawberries	706	0			0.010 - 0.020	5.0
Sweet Corn, Fresh	250	0			0.020 ^	NT

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
Sweet Corn, Frozen	20	0			0.020 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,805**	**10**				
Emamectin (insecticide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Emamectin benzoate [2] (insecticide)						
Apples	708	0			0.010 ^	0.025
Lettuce	378	0			0.010 ^	0.100
Pears	705	0			0.002 ^	0.025
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	0.100
Tomatoes	708	0			0.001 ^	0.020
Watermelon	370	0			0.010 ^	0.02
TOTAL	**3,934**	**0**				
Endosulfan I (insecticide)						
Apples	708	4	0.6	0.010 - 0.015	0.010 ^	1.0
Cherries, Fresh	232	0			0.030 ^	2.0
Cherries, Frozen	453	0			0.030 ^	2.0
Cucumbers	378	4	1.1	0.006 - 0.023	0.005 ^	1.0
Grapefruit	177	0			0.010 - 0.020	NT
Grapes	708	0			0.005 ^	NT
Green Beans	754	0			0.012 ^	2.0
Lettuce	347	0			0.010 ^	11.0
Nectarines	578	0			0.010 - 0.020	2.0
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	2.0
Pears	705	0			0.005 ^	2.0
Potatoes	707	0			0.005 ^	0.2
Spinach	708	0			0.005 - 0.030	NT
Strawberries	706	1	0.1	0.019 ^	0.010 - 0.020	2.0
Sweet Corn, Fresh	468	0			0.010 ^	0.2
Sweet Corn, Frozen	65	0			0.010 ^	0.2
Tomatoes	708	1	0.1	0.008 ^	0.005 ^	1.0
Watermelon	370	0			0.010 ^	1.0
TOTAL	**9,841**	**10**				
Endosulfan II (isomer of Endosulfan)						
Apples	708	7	1	0.016 - 0.051	0.015 ^	1.0
Cherries, Fresh	232	0			0.085 ^	2.0
Cherries, Frozen	453	0			0.085 ^	2.0
Cucumbers	378	1	0.3	0.011 ^	0.005 ^	1.0
Grapefruit	177	0			0.005 - 0.010	NT
Grapes	708	0			0.010 ^	NT
Green Beans	754	0			0.003 ^	2.0
Lettuce	378	0			0.015 ^	11.0
Nectarines	578	0			0.010 ^	2.0
Oranges	707	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	EPA Tolerance Level, ppm
Peaches	362	1	0.3	0.005 ^	0.005 ^	2.0
Pears	705	0			0.010 ^	2.0
Potatoes	707	0			0.001 ^	0.2
Spinach	708	0			0.001 - 0.086	NT
Strawberries	706	1	0.1	0.021 ^	0.010 ^	2.0
Sweet Corn, Fresh	438	0			0.005 - 0.010	0.2
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.2
Tomatoes	708	7	1	0.002 - 0.018	0.001 ^	1.0
Watermelon	370	0			0.015 ^	1.0
TOTAL	**9,842**	**17**				
Endosulfan sulfate (metabolite of Endosulfan)						
Apples	708	8	1.1	0.007 - 0.018	0.005 ^	1.0
Cherries, Fresh	232	0			0.040 ^	2.0
Cherries, Frozen	453	0			0.040 ^	2.0
Cucumbers	378	23	6.1	0.005 - 0.099	0.005 ^	1.0
Grapefruit	177	0			0.010 - 0.025	NT
Grapes	708	0			0.003 ^	NT
Green Beans	754	0			0.025 ^	2.0
Lettuce	378	0			0.005 ^	11.0
Nectarines	578	0			0.005 - 0.010	2.0
Oranges	707	0			0.005 ^	NT
Peaches	362	1	0.3	0.014 ^	0.005 ^	2.0
Pears	705	0			0.003 ^	2.0
Potatoes	648	1	0.2	0.018 ^	0.005 - 0.035	0.2
Spinach	708	0			0.018 - 0.041	NT
Strawberries	706	2	0.3	0.006 - 0.013	0.005 - 0.010	2.0
Sweet Corn, Fresh	438	0			0.005 - 0.025	0.2
Sweet Corn, Frozen	65	0			0.005 - 0.025	0.2
Tomatoes	689	1	0.1	0.057 ^	0.005 - 0.070	1.0
Watermelon	370	0			0.005 ^	1.0
TOTAL	**9,764**	**36**				
EPN (insecticide)						
Grapefruit	90	0			0.020 ^	NT
Grapes	708	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Pears	705	0			0.005 ^	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**3,057**	**0**				
Epoxiconazole (fungicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
EPTC (herbicide)						
Cherries, Fresh	232	0			0.035 ^	NT
Cherries, Frozen	453	0			0.035 ^	NT
Cucumbers	378	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	EPA Tolerance Level, ppm
Grapefruit	87	0			0.005 ^	0.1
Green Beans	754	3	0.4	0.001 - 0.003	0.001 ^	0.08
Oranges	707	0			0.010 - 0.025	0.1
Spinach	350	0			0.036 ^	NT
Sweet Corn, Fresh	218	0			0.005 ^	0.08
Sweet Corn, Frozen	45	0			0.005 ^	0.08
TOTAL	**3,224**	**3**				
Esfenvalerate+Fenvalerate Total (insecticide)						
Apples	708	1	0.1	0.016 ^	0.005 ^	1.0
Cucumbers	378	1	0.3	0.005 ^	0.005 ^	0.5
Grapefruit	87	0			0.025 ^	0.05
Green Beans	754	38	5	0.008 - 0.10	0.008 ^	1.0
Lettuce	378	0			0.005 ^	5.0
Oranges	707	0			0.005 ^	0.05
Peaches	362	7	1.9	0.018 - 0.049	0.005 ^	3.0
Potatoes	707	0			0.002 - 0.008	0.05
Spinach	358	0			0.008 ^	0.05
Sweet Corn, Fresh	218	0			0.005 ^	0.1
Sweet Corn, Frozen	45	0			0.005 ^	0.1
Tomatoes	708	12	1.7	0.004 - 0.037	0.002 - 0.008	0.5
Watermelon	370	0			0.005 ^	0.5
TOTAL	**5,780**	**59**				
Esfenvalerate (isomer of Fenvalerate)						
Cherries, Fresh	232	0			0.035 ^	3.0
Cherries, Frozen	453	10	2.2	0.039 - 0.057	0.035 ^	3.0
Grapefruit	90	0			0.005 ^	0.05
Grapes	708	0			0.015 ^	0.05
Nectarines	578	9	1.6	0.005 - 0.021	0.005 ^	3.0
Pears	705	3	0.4	0.025 ^	0.015 ^	1.0
Spinach	350	0			0.035 ^	0.05
Strawberries	706	0			0.005 ^	0.05
Sweet Corn, Fresh	250	0			0.005 ^	0.1
Sweet Corn, Frozen	20	0			0.005 ^	0.1
TOTAL	**4,092**	**22**				
Ethalfluralin (herbicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Grapefruit	177	0			0.010 ^	NT
Green Beans	754	0			0.010 ^	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Potatoes	707	0			0.002 ^	0.05
Spinach	708	0			0.002 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	NT
Sweet Corn, Frozen	65	0			0.005 - 0.010	NT
Tomatoes	689	0			0.002 ^	NT
Watermelon	370	0			0.005 ^	0.05
TOTAL	**6,993**	**0**				

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
Ethiofencarb (insecticide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.002 - 0.008	NT
Spinach	358	0			0.008 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	689	0			0.002 - 0.008	NT
TOTAL	**4,845**	**0**				
Ethiofencarb sulfone (metabolite of Ethiofencarb)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Ethiofencarb sulfoxide (metabolite of Ethiofencarb)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Ethion (insecticide)						
Apples	708	0			0.001 ^	NT
Cherries, Fresh	232	0			0.014 ^	NT
Cherries, Frozen	453	0			0.014 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.014	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**7,355**	**0**				
Ethion mono oxon (metabolite of Ethion)						
Apples	708	0			0.001 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	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	EPA Tolerance Level, ppm
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**4,873**	**0**				
Ethiprole (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Ethofumesate (herbicide)						
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Spinach	350	0			0.005 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**2,679**	**0**				
Ethoprop (insecticide)						
Apples	413	0			0.002 ^	NT
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	0			0.002 ^	NT
Cucumbers	378	0			0.010 ^	0.02
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	0.02
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.001 - 0.003	0.02
Spinach	708	0			0.001 - 0.002	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.02
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.02
Tomatoes	708	0			0.003 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**7,786**	**0**				
Ethoxyquin (plant growth regulator)						
Grapes	708	0			0.006 ^	NT
Pears	705	199	28.2	0.010 - 2.3	0.006 ^	3
TOTAL	**1,413**	**199**				
Ethylan (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	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	EPA Tolerance Level, ppm
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Etofenprox (insecticide)						
Apples	708	0			0.025 ^	5.0
Grapefruit	177	0			0.001 - 0.010	5.0
Grapes	708	0			0.001 ^	5.0
Lettuce	378	0			0.025 ^	5.0
Nectarines	578	0			0.001 - 0.003	5.0
Pears	705	0			0.001 ^	5.0
Potatoes	707	1	0.1	0.003 ^	0.002 ^	5.0
Spinach	358	0			0.002 ^	5.0
Strawberries	706	0			0.001 - 0.003	5.0
Sweet Corn, Fresh	468	0			0.003 - 0.010	5.0
Sweet Corn, Frozen	65	0			0.003 - 0.010	5.0
Tomatoes	708	0			0.002 - 0.005	5.0
Watermelon	370	0			0.025 ^	5.0
TOTAL	**6,636**	**1**				
Etoxazole (acaricide)						
Apples	708	0			0.005 ^	0.20
Cucumbers	378	0			0.004 ^	0.02
Grapefruit	177	0			0.001 ^	NT
Grapes	708	60	8.5	0.002 - 0.049	0.001 ^	0.50
Green Beans	754	0			0.001 ^	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	9	1.6	0.007 - 0.043	0.001 - 0.003	1.0
Oranges	707	0			0.004 ^	0.10
Peaches	362	0			0.004 ^	1.0
Pears	705	192	27.2	0.002 - 0.059	0.001 ^	0.20
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	36	5.1	0.002 - 0.13	0.001 - 0.003	0.50
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Tomatoes	708	4	0.6	0.002 - 0.013	0.001 ^	0.20
Watermelon	370	0			0.005 ^	0.20
TOTAL	**8,837**	**301**				
Etridiazole (fungicide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.040	NT
Green Beans	692	0			0.030 ^	0.1
Nectarines	578	0			0.020 - 0.040	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.020 - 0.040	NT
Sweet Corn, Fresh	468	0			0.005 - 0.020	NT
Sweet Corn, Frozen	65	0			0.005 - 0.020	NT
TOTAL	**5,168**	**0**				

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
Famoxadone (fungicide)						
Apples	708	0			0.025 ^	NT
Grapefruit	177	0			0.010 - 0.050	NT
Grapes	708	0			0.015 ^	2.5
Lettuce	378	2	0.5	0.080 - 0.20	0.025 ^	25
Nectarines	578	0			0.010 ^	NT
Potatoes	667	0			0.008 - 0.015	0.02
Spinach	708	53	7.5	0.008 - 9.1	0.008 - 0.046	50
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.010 - 0.050	NT
Sweet Corn, Frozen	65	0			0.010 - 0.050	NT
Tomatoes	708	39	5.5	0.004 - 0.12	0.002 - 0.015	1.0
Watermelon	370	0			0.025 ^	0.30
TOTAL	**6,241**	**94**				
Fenamidone (fungicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.060 ^	NT
Cherries, Frozen	453	0			0.060 ^	NT
Cucumbers	378	0			0.010 ^	0.15
Grapefruit	177	0			0.001 ^	NT
Grapes	708	0			0.002 ^	1.0
Green Beans	754	1	0.1	0.004 ^	0.001 ^	0.80
Lettuce	378	35	9.3	0.005 - 1.5	0.005 ^	60
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Potatoes	707	0			0.002 ^	0.02
Spinach	708	218	30.8	0.004 - 9.2	0.002 - 0.060	60
Strawberries	706	0			0.001 - 0.005	0.02
Sweet Corn, Fresh	468	0			0.001 - 0.005	0.1
Sweet Corn, Frozen	65	0			0.001 - 0.005	0.1
Tomatoes	708	6	0.8	0.004 - 0.021	0.002 ^	1.0
Watermelon	370	0			0.005 ^	0.15
TOTAL	**8,805**	**260**				
Fenamiphos (insecticide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.002 ^	0.1
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.010	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes (V-1)	708	1	0.1	0.002 ^	0.001 ^	NT
TOTAL	**6,607**	**1**				
Fenamiphos sulfone (metabolite of Fenamiphos)						
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	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	EPA Tolerance Level, ppm
Cucumbers (V-1)	378	1	0.3	0.017 ^	0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.005 ^	0.1
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.004 ^	NT
Spinach	708	0			0.002 - 0.004	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes (V-1)	708	1	0.1	0.006 ^	0.004 ^	NT
TOTAL	**6,607**	**2**				
Fenamiphos sulfoxide (metabolite of Fenamiphos)						
Cherries, Fresh	232	0			0.008 ^	NT
Cherries, Frozen	453	0			0.008 ^	NT
Cucumbers (V-2)	378	2	0.5	0.005 - 0.047	0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes	708	1	0.1	0.005 ^	0.003 ^	0.1
Nectarines	578	0			0.003 - 0.020	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.004 ^	NT
Spinach	708	0			0.004 - 0.008	NT
Strawberries	706	0			0.003 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
Tomatoes (V-1)	708	1	0.1	0.023 ^	0.004 ^	NT
TOTAL	**6,607**	**4**				
Fenarimol (fungicide)						
Cherries, Fresh	232	0			0.013 ^	1.0
Cherries, Frozen	453	0			0.013 ^	1.0
Cucumbers	378	0			0.005 ^	0.20
Grapefruit	177	0			0.003 - 0.005	NT
Grapes	708	1	0.1	0.005 ^	0.003 ^	0.1
Green Beans	754	0			0.005 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Pears	705	0			0.003 ^	0.1
Potatoes	707	0			0.002 - 0.008	NT
Spinach	708	0			0.002 - 0.013	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	NT
Sweet Corn, Frozen	65	0			0.003 - 0.005	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**8,416**	**1**				
Fenazaquin (insecticide, acaricide)						
Apples	708	0			0.005 ^	0.2
Grapefruit	177	0			0.001 - 0.010	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.001 - 0.003	NT

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
Pears	705	0			0.001 ^	0.2
Strawberries (V-3)	706	3	0.4	0.034 - 0.14	0.001 - 0.003	NT
Sweet Corn, Fresh	51	0			0.003 ^	NT
Sweet Corn, Frozen	9	0			0.003 ^	NT
Watermelon	339	0			0.005 ^	NT
TOTAL	**3,651**	**3**				
Fenbuconazole (fungicide)						
Apples	708	4	0.6	0.020 - 0.028	0.005 ^	0.4
Cherries, Fresh	232	18	7.8	0.006 - 0.19	0.005 ^	1.0
Cherries, Frozen	453	176	38.9	0.005 - 0.72	0.005 ^	1.0
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.003	1.0
Grapes	708	0			0.001 ^	1.0
Lettuce	378	0			0.005 ^	NT
Nectarines	578	31	5.4	0.011 - 0.14	0.003 - 0.010	1.0
Oranges	707	0			0.005 ^	1.0
Peaches	362	13	3.6	0.008 - 0.089	0.005 ^	1.0
Potatoes	707	0			0.003 ^	NT
Spinach (V-1)	708	1	0.1	0.054 ^	0.001 - 0.005	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes (V-3)	708	3	0.4	0.008 - 0.022	0.001 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**8,150**	**246**				
Fenbutatin oxide (insecticide, acaricide)						
Grapes	708	0			0.010 ^	5.0
Pears	705	44	6.2	0.017 - 0.49	0.010 ^	15.0
TOTAL	**1,413**	**44**				
Fenchlorphos (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Fenhexamid (fungicide)						
Apples	708	0			0.013 ^	NT
Cherries, Fresh	232	24	10.3	0.012 - 0.28	0.011 ^	10.0
Cherries, Frozen	453	13	2.9	0.013 - 0.082	0.011 ^	10.0
Cucumbers	378	2	0.5	0.016 - 0.038	0.010 ^	2.0
Grapefruit	177	0			0.002 - 0.010	NT
Grapes	708	256	36.2	0.008 - 0.82	0.005 ^	4.0
Green Beans	754	0			0.002 ^	NT
Lettuce	378	0			0.013 ^	30.0
Nectarines	578	25	4.3	0.021 - 1.4	0.010 - 0.020	10.0
Oranges	707	0			0.010 ^	NT
Pears	705	1	0.1	0.008 ^	0.005 ^	10
Potatoes	707	0			0.009 - 0.030	NT
Spinach	708	0			0.009 - 0.011	NT
Strawberries	706	156	22.1	0.013 - 2.1	0.010 - 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	EPA Tolerance Level, ppm
Sweet Corn, Fresh	468	0			0.005 - 0.020	NT
Sweet Corn, Frozen	65	0			0.005 - 0.020	NT
Tomatoes	708	3	0.4	0.015 - 0.13	0.009 - 0.030	2.0
Watermelon	370	0			0.013 ^	NT
TOTAL	**9,510**	**480**				
Fenitrothion (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**3,417**	**0**				
Fenobucarb - BPMC (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Fenoxaprop ethyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Fenoxycarb (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Fenpropathrin (insecticide)						
Apples	708	11	1.6	0.021 - 0.25	0.020 ^	5.0
Cherries, Fresh	232	44	19	0.026 - 0.77	0.020 ^	5.0
Cherries, Frozen	453	149	32.9	0.022 - 1.2	0.020 ^	5.0
Cucumbers	378	3	0.8	0.009 - 0.012	0.005 ^	0.5
Grapefruit	177	0			0.005 - 0.010	2.0
Grapes	708	127	17.9	0.005 - 0.54	0.003 ^	5.0
Green Beans (V-1)	754	1	0.1	0.064 ^	0.050 ^	NT
Lettuce	378	0			0.020 ^	NT
Nectarines	578	27	4.7	0.013 - 0.24	0.005 ^	1.4
Oranges	707	2	0.3	0.007 - 0.019	0.005 ^	2.0
Peaches	362	17	4.7	0.010 - 0.30	0.005 ^	1.4
Pears	705	6	0.9	0.005 - 0.077	0.003 ^	5.0
Potatoes	707	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	EPA Tolerance Level, ppm
Spinach	693	0			0.002 - 0.020	NT
Strawberries	706	88	12.5	0.006 - 0.92	0.005 ^	2.0
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	689	37	5.4	0.004 - 0.083	0.002 ^	1.0
Watermelon	370	0			0.020 ^	0.5
TOTAL	**9,838**	**512**				
Fenpropidin (fungicide)						
Grapefruit	90	0			0.040 ^	NT
Nectarines	578	0			0.020 - 0.040	NT
Strawberries	706	0			0.010 - 0.040	NT
Sweet Corn, Fresh	250	0			0.010 - 0.020	NT
Sweet Corn, Frozen	20	0			0.010 - 0.020	NT
TOTAL	**1,644**	**0**				
Fenpropimorph (fungicide)						
Apples	708	0			0.001 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**4,547**	**0**				
Fenpyrazamine (fungicide)						
Grapefruit	90	0			0.020 ^	NT
Grapes	708	0			0.003 ^	3
Nectarines	578	0			0.010 - 0.020	NT
Strawberries	706	0			0.010 - 0.020	3
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**2,352**	**0**				
Fenpyroximate (acaricide)						
Apples	708	27	3.8	0.005 - 0.023	0.005 ^	0.30
Cucumbers	378	0			0.010 ^	0.40
Grapefruit	90	0			0.001 ^	0.50
Grapes	708	16	2.3	0.002 - 0.11	0.001 ^	1.0
Lettuce	378	0			0.005 ^	NT
Nectarines	578	28	4.8	0.004 - 0.090	0.001 - 0.003	2.0
Oranges	707	0			0.010 ^	0.50
Peaches	362	1	0.3	0.018 ^	0.010 ^	2.0
Pears	705	130	18.4	0.002 - 0.068	0.001 ^	0.30
Potatoes	707	0			0.001 - 0.003	0.10
Spinach	358	0			0.003 ^	NT
Strawberries	706	43	6.1	0.002 - 0.17	0.001 - 0.003	1.0
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	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	EPA Tolerance Level, ppm
Tomatoes	708	42	5.9	0.002 - 0.081	0.001 - 0.003	0.20
Watermelon	370	0			0.005 ^	0.10
TOTAL	**7,733**	**287**				
Fensulfothion (insecticide, fumigant)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Fenthion (insecticide)						
Cherries, Fresh	232	0			0.015 ^	NT
Cherries, Frozen	453	0			0.015 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes	708	0			0.010 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.015	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.008 ^	NT
TOTAL	**6,607**	**0**				
Fenthion oxygen analog sulfone (metabolite of Fenthion)						
Cherries, Fresh	232	0			0.014 ^	NT
Cherries, Frozen	453	0			0.014 ^	NT
Grapes	708	0			0.015 ^	NT
Spinach	350	0			0.014 ^	NT
TOTAL	**1,743**	**0**				
Fenthion oxygen analog sulfoxide (metabolite of Fenthion)						
Cherries, Fresh	232	0			0.014 ^	NT
Cherries, Frozen	453	0			0.014 ^	NT
Spinach	350	0			0.014 ^	NT
TOTAL	**1,035**	**0**				
Fenthion sulfone (metabolite of Fenthion)						
Cherries, Fresh	232	0			0.12 ^	NT
Cherries, Frozen	453	0			0.12 ^	NT
Grapefruit	90	0			0.020 ^	NT
Grapes	708	0			0.012 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Spinach	350	0			0.12 ^	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	220	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**3,357**	**0**				

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
Fenthion sulfoxide (metabolite of Fenthion)						
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Grapefruit	90	0			0.020 ^	NT
Grapes	708	0			0.012 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Spinach	350	0			0.020 ^	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	196	0			0.005 ^	NT
Sweet Corn, Frozen	14	0			0.005 ^	NT
TOTAL	**3,327**	**0**				
Fenuron (herbicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Fipronil (insecticide)						
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	22	3.1	0.003 - 0.007	0.002 ^	0.03
Spinach	708	0			0.002 - 0.020	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**5,899**	**22**				
Fipronil sulfone - MB46136 (metabolite of Fipronil)						
Apples	708	0			0.050 ^	NT
Grapefruit	90	0			0.003 ^	NT
Lettuce	378	0			0.050 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.050 ^	NT
TOTAL	**3,100**	**0**				
Flazasulfuron (herbicide)						
Grapefruit	177	0			0.005 ^	0.01
Strawberries	174	0			0.005 ^	NT
TOTAL	**351**	**0**				
Flonicamid (insecticide)						
Apples	708	7	1	0.010 - 0.018	0.006 ^	0.20
Cherries, Fresh	232	0			0.005 ^	0.60

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
Cherries, Frozen	453	0			0.005 ^	0.60
Cucumbers	378	30	7.9	0.011 - 0.51	0.010 ^	1.5
Grapefruit	177	0			0.010 - 0.10	NT
Green Beans	754	0			0.10 ^	NT
Lettuce	378	49	13	0.007 - 0.66	0.006 ^	4.0
Nectarines	578	0			0.010 - 0.030	0.60
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	0.60
Pears	705	0			0.020 ^	0.20
Potatoes	707	1	0.1	0.002 ^	0.001 ^	0.20
Spinach	708	183	25.8	0.002 - 3.6	0.001 - 0.005	9.0
Strawberries	706	200	28.3	0.010 - 0.60	0.010 - 0.030	1.5
Sweet Corn, Fresh	468	0			0.030 - 0.10	NT
Sweet Corn, Frozen	65	0			0.030 - 0.10	NT
Tomatoes	708	138	19.5	0.002 - 0.24	0.001 - 0.003	0.40
Watermelon	370	2	0.5	0.006 - 0.010	0.006 ^	1.5
TOTAL	**9,164**	**610**				
Fluazifop (herbicide)						
Grapefruit	90	0			0.050 ^	0.03
Nectarines	578	0			0.050 ^	0.05
Strawberries	706	0			0.050 ^	NT
Sweet Corn, Fresh	250	0			0.050 ^	NT
Sweet Corn, Frozen	20	0			0.050 ^	NT
TOTAL	**1,644**	**0**				
Fluazifop butyl (herbicide)						
Grapefruit	177	0			0.001 - 0.005	0.03
Grapes	708	0			0.001 ^	0.01
Nectarines	578	0			0.001 - 0.003	0.05
Potatoes	707	0			0.001 ^	1.0
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**4,212**	**0**				
Fluazinam (fungicide)						
Grapefruit	90	0			0.003 ^	NT
Grapes	708	0			0.020 ^	3.0
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**2,352**	**0**				
Flubendiamide (insecticide)						
Apples	708	22	3.1	0.004 - 0.079	0.004 - 0.035	1.5
Grapefruit	177	0			0.003 ^	NT
Grapes	708	2	0.3	0.061 - 0.086	0.010 ^	1.4
Green Beans	754	27	3.6	0.003 - 0.098	0.003 ^	0.50
Lettuce	378	10	2.6	0.016 - 0.34	0.004 ^	11
Nectarines	578	24	4.2	0.004 - 0.072	0.003 ^	1.6
Pears	705	6	0.9	0.017 - 0.073	0.010 ^	1.5

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
Strawberries	706	14	2	0.003 - 0.14	0.003 ^	1.5
Sweet Corn, Fresh	468	0			0.003 ^	0.01
Sweet Corn, Frozen	65	0			0.003 ^	0.01
Watermelon	370	0			0.035 ^	0.20
TOTAL	**5,617**	**105**				
Flucythrinate (insecticide)						
Grapefruit	90	0			0.010 ^	NT
Strawberries	174	0			0.010 ^	NT
TOTAL	**264**	**0**				
Fludioxonil (fungicide)						
Apples	708	251	35.5	0.026 - 2.8	0.025 ^	5.0
Cherries, Fresh (X-1)	232	102	44	0.040 - 6.5	0.031 ^	5.0
Cherries, Frozen	453	15	3.3	0.041 - 0.50	0.031 ^	5.0
Cucumbers	378	1	0.3	0.018 ^	0.005 ^	0.45
Grapefruit	177	1	0.6	0.015 ^	0.010 - 0.020	10
Grapes	705	110	15.6	0.033 - 0.31	0.020 ^	2.0
Green Beans	754	0			0.050 ^	0.4
Lettuce	378	3	0.8	0.089 - 0.60	0.025 ^	30
Nectarines	578	415	71.8	0.010 - 2.5	0.010 ^	5.0
Oranges	707	41	5.8	0.006 - 0.11	0.005 ^	10
Peaches	362	236	65.2	0.006 - 3.2	0.005 ^	5.0
Pears	705	315	44.7	0.033 - 3.9	0.020 ^	5.0
Potatoes	707	37	5.2	0.020 - 0.88	0.012 - 0.040	6.0
Spinach	708	2	0.3	0.077 - 0.37	0.012 - 0.032	30
Strawberries	706	250	35.4	0.010 - 0.64	0.010 ^	3.0
Sweet Corn, Fresh	468	0			0.010 - 0.020	0.02
Sweet Corn, Frozen	65	0			0.010 - 0.020	0.02
Tomatoes	708	13	1.8	0.020 - 0.087	0.012 ^	5.0
Watermelon	370	0			0.025 ^	0.45
TOTAL	**9,869**	**1,792**				
Flufenacet (herbicide)						
Grapefruit	177	0			0.005 - 0.010	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.05
TOTAL	**1,994**	**0**				
Flufenoxuron (insecticide)						
Apples	678	0			0.001 ^	0.50
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.005 ^	0.70
Lettuce	347	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Pears	705	0			0.005 ^	0.50
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	339	0			0.001 ^	NT
TOTAL	**4,421**	**0**				

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
Flufenpyr ethyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	537	0			0.001 - 0.005	NT
Strawberries	677	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,574**	**0**				
Flumetsulam (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Flumiclorac pentyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Flumioxazin (herbicide)						
Apples	708	0			0.010 ^	0.02
Cherries, Fresh	232	0			0.010 ^	0.02
Cherries, Frozen	453	0			0.010 ^	0.02
Grapefruit	177	0			0.020 ^	NT
Grapes	708	0			0.035 ^	0.02
Green Beans	754	0			0.080 ^	NT
Lettuce	221	0			0.010 ^	NT
Nectarines	578	0			0.020 ^	0.02
Pears	705	0			0.035 ^	0.02
Potatoes	707	0			0.002 ^	0.02
Spinach	708	0			0.002 - 0.010	NT
Strawberries	706	0			0.020 ^	0.07
Sweet Corn, Fresh	468	0			0.010 - 0.020	NT
Sweet Corn, Frozen	65	0			0.010 - 0.020	NT
Tomatoes	708	0			0.002 - 0.005	0.02
Watermelon	370	0			0.010 ^	0.03
TOTAL	**8,268**	**0**				
Fluometuron (herbicide)						
Grapefruit	177	0			0.002 - 0.003	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.010	0.5
Sweet Corn, Frozen	65	0			0.003 - 0.010	0.5
TOTAL	**1,994**	**0**				
Fluopicolide (fungicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.013 ^	NT
Cherries, Frozen	453	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	EPA Tolerance Level, ppm
Cucumbers	378	46	12.2	0.010 - 0.055	0.010 ^	0.50
Grapefruit	177	0			0.001 - 0.002	NT
Grapes	708	0			0.010 ^	2.0
Green Beans (V-6)	754	6	0.8	0.002 - 0.021	0.002 ^	NT
Lettuce	378	10	2.6	0.005 - 0.26	0.005 ^	25
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Potatoes	707	0			0.002 ^	0.3
Spinach	708	288	40.7	0.003 - 5.4	0.002 - 0.013	25
Strawberries (V-3)	706	3	0.4	0.001 - 0.005	0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.002 - 0.003	NT
Sweet Corn, Frozen	65	0			0.002 - 0.003	NT
Tomatoes	708	51	7.2	0.003 - 0.12	0.002 ^	1.60
Watermelon	370	32	8.6	0.005 - 0.034	0.005 ^	0.50
TOTAL	**8,805**	**436**				
Fluopyram (fungicide)						
Apples	295	4	1.4	0.006 - 0.042	0.005 ^	0.80
Cucumbers	378	15	4	0.014 - 0.043	0.010 ^	0.60
Grapefruit	177	0			0.001 - 0.002	1.0
Lettuce	345	1	0.3	0.005 ^	0.005 ^	40
Nectarines	578	0			0.001 - 0.003	1.0
Oranges	707	0			0.010 ^	1.0
Strawberries	706	1	0.1	0.039 ^	0.001 - 0.003	2.0
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.03
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.03
TOTAL	**3,719**	**21**				
Fluoxastrobin (fungicide)						
Cherries, Fresh	232	0			0.013 ^	NT
Cherries, Frozen	453	0			0.013 ^	NT
Cucumbers	378	2	0.5	0.004 - 0.010	0.002 ^	0.50
Grapefruit	177	0			0.001 ^	NT
Green Beans (V-1)	754	1	0.1	0.002 ^	0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.002 ^	NT
Peaches	362	0			0.002 ^	NT
Potatoes	707	1	0.1	0.002 ^	0.001 ^	0.010
Spinach	708	0			0.001 - 0.013	NT
Strawberries	706	6	0.8	0.002 - 0.026	0.001 - 0.003	1.9
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.01
Tomatoes	708	21	3	0.002 - 0.062	0.001 ^	1.0
TOTAL	**7,003**	**31**				
Flupyradifurone (insecticide)						
Grapefruit	177	14	7.9	0.001 - 0.004	0.001 - 0.020	3.0
Strawberries	174	14	8	0.003 - 0.061	0.001 ^	1.5
TOTAL	**351**	**28**				
Fluquinconazole (fungicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	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	EPA Tolerance Level, ppm
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,100**	**0**				
Fluridone (herbicide)						
Apples	708	0			0.001 ^	0.1
Cherries, Fresh	232	0			0.002 ^	0.1
Cherries, Frozen	453	0			0.002 ^	0.1
Cucumbers	378	0			0.010 ^	0.1
Grapefruit	177	0			0.001 ^	0.1
Grapes	708	0			0.001 ^	0.1
Green Beans	754	0			0.001 ^	0.1
Lettuce	378	0			0.001 ^	0.1
Nectarines	578	0			0.001 - 0.003	0.1
Oranges	707	0			0.010 ^	0.1
Peaches	362	0			0.010 ^	0.1
Pears	705	0			0.001 ^	0.1
Spinach	350	0			0.002 ^	0.1
Strawberries	706	0			0.001 - 0.003	0.1
Sweet Corn, Fresh	468	0			0.003 - 0.025	0.1
Sweet Corn, Frozen	65	0			0.003 - 0.025	0.1
Watermelon	370	0			0.001 ^	0.1
TOTAL	**8,099**	**0**				
Fluroxypyr (herbicide metabolite)						
Grapefruit	90	0			0.050 ^	NT
Nectarines	578	0			0.050 ^	NT
Strawberries	706	0			0.050 ^	NT
Sweet Corn, Fresh	250	0			0.050 ^	0.02
Sweet Corn, Frozen	20	0			0.050 ^	0.02
TOTAL	**1,644**	**0**				
Flusilazole (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.008 ^	NT
Cherries, Frozen	453	0			0.008 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes (V-1)	708	1	0.1	0.002 ^	0.001 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.008 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,290**	**1**				
Fluthiacet methyl (herbicide)						
Grapefruit	177	0			0.003 - 0.005	NT
Nectarines	578	0			0.003 - 0.010	NT

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
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.010
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.010
TOTAL	**1,994**	**0**				
Flutolanil (fungicide)						
Apples	708	0			0.002 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**3,100**	**0**				
Flutriafol (fungicide)						
Apples	708	1	0.1	0.015 ^	0.010 ^	0.40
Grapefruit	177	0			0.001 - 0.025	NT
Grapes	708	4	0.6	0.003 - 0.053	0.002 ^	1.5
Lettuce	378	0			0.010 ^	10
Nectarines	578	0			0.001 - 0.005	1.5
Pears	705	0			0.002 ^	0.40
Strawberries	706	0			0.001 - 0.005	1.5
Sweet Corn, Fresh	468	0			0.005 - 0.025	0.01
Sweet Corn, Frozen	65	0			0.005 - 0.025	0.01
Watermelon	370	1	0.3	0.018 ^	0.010 ^	0.30
TOTAL	**4,863**	**6**				
Fluvalinate (insecticide)						
Apples	708	0			0.050 ^	NT
Cherries, Fresh	232	0			0.035 ^	NT
Cherries, Frozen	453	0			0.035 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.010	NT
Grapes	708	0			0.005 ^	NT
Green Beans	722	0			0.015 ^	NT
Lettuce	378	0			0.050 ^	NT
Nectarines	578	0			0.010 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Pears	705	0			0.005 ^	NT
Spinach	350	0			0.035 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	NT
Sweet Corn, Frozen	65	0			0.005 - 0.010	NT
Watermelon	370	0			0.050 ^	NT
TOTAL	**8,067**	**0**				
Fluxapyroxad (fungicide)						
Grapefruit	177	0			0.001 - 0.005	1.0
Grapes	708	0			0.005 ^	2.0
Green Beans	754	2	0.3	0.009 - 0.018	0.005 ^	2.0
Nectarines	578	14	2.4	0.005 - 0.077	0.001 - 0.003	3.0
Pears	705	0			0.005 ^	0.8

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
Potatoes	707	8	1.1	0.002 - 0.013	0.001 ^	0.02
Spinach	358	8	2.2	0.002 - 1.7	0.001 ^	30
Strawberries	706	91	12.9	0.002 - 0.27	0.001 - 0.003	4.0
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.15
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.15
Tomatoes	708	73	10.3	0.002 - 0.033	0.001 ^	0.7
TOTAL	**5,934**	**196**				
Folpet (fungicide)						
Apples	708	0			0.030 ^	5.0
Cucumbers	378	0			0.015 ^	2.0
Grapes	708	0			0.025 ^	50.0
Oranges	707	0			0.015 ^	NT
Peaches	362	0			0.015 ^	NT
Watermelon	370	0			0.030 ^	3.0
TOTAL	**3,233**	**0**				
Fomesafen (herbicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Fonofos (insecticide)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**4,864**	**0**				
Forchlorfenuron (plant growth regulator)						
Cucumbers	378	0			0.002 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	708	2	0.3	0.003 ^	0.002 ^	0.03
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.002 ^	NT
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.002 ^	0.01
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**4,504**	**2**				
Formetanate hydrochloride (insecticide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	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	EPA Tolerance Level, ppm
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	1.5
Nectarines	578	30	5.2	0.003 - 0.059	0.001 - 0.005	0.40
Oranges	707	0			0.010 ^	1.5
Peaches	362	0			0.010 ^	0.40
Pears	705	0			0.030 ^	0.50
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**4,831**	**30**				
Fosthiazate (nematicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Furalaxyl (fungicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Furathiocarb (insecticide)						
Cucumbers	378	0			0.010 ^	NT
Oranges	707	0			0.010 ^	NT
TOTAL	**1,085**	**0**				
Halosulfuron (herbicide)						
Cherries, Fresh	232	0			0.050 ^	NT
Cherries, Frozen	453	0			0.050 ^	NT
Grapefruit	87	0			0.005 ^	NT
Green Beans	754	0			0.005 ^	NT
Spinach	350	0			0.050 ^	NT
Sweet Corn, Fresh	218	0			0.005 ^	0.05
Sweet Corn, Frozen	45	0			0.005 ^	0.05
TOTAL	**2,139**	**0**				
Halosulfuron methyl [3] (herbicide)						
Cucumbers	378	0			0.010 ^	0.5
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	0.05
Sweet Corn, Frozen	20	0			0.020 ^	0.05
TOTAL	**3,091**	**0**				

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
Haloxyfop (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Heptenophos (insecticide, acaricide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Hexaconazole (fungicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**3,091**	**0**				
Hexazinone (herbicide)						
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	0			0.002 ^	NT
Spinach	350	0			0.002 ^	NT
TOTAL	**1,035**	**0**				
Hexythiazox (insecticide, acaricide)						
Apples	708	36	5.1	0.002 - 0.058	0.002 ^	0.4
Cherries, Fresh	232	1	0.4	0.12 ^	0.012 ^	1.0
Cherries, Frozen	453	2	0.4	0.016 - 0.022	0.012 ^	1.0
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.30	0.6
Grapes	708	5	0.7	0.008 - 0.10	0.005 ^	1
Green Beans	754	0			0.30 ^	0.3
Lettuce (V-1)	378	1	0.3	0.002 ^	0.002 ^	NT
Nectarines	578	59	10.2	0.003 - 0.096	0.001 - 0.003	1.0
Oranges	707	0			0.010 ^	0.6
Peaches	362	2	0.6	0.019 - 0.077	0.010 ^	1.0
Pears	705	19	2.7	0.008 - 0.071	0.005 ^	0.4
Spinach	350	0			0.012 ^	NT
Strawberries	706	103	14.6	0.001 - 0.42	0.001 - 0.003	6
Sweet Corn, Fresh	468	0			0.003 - 0.30	0.1
Sweet Corn, Frozen	65	0			0.003 - 0.30	0.1
Watermelon	370	0			0.002 ^	NT
TOTAL	**8,099**	**228**				

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
Hydroprene (insect growth regulator)						
Grapefruit	177	0			0.010 - 0.020	0.2
Grapes	708	0			0.007 ^	0.2
Green Beans	754	0			0.008 ^	0.2
Nectarines	578	0			0.010 - 0.020	0.2
Pears	705	0			0.007 ^	0.2
Potatoes	707	0			0.002 ^	0.2
Spinach	707	0			0.002 - 0.015	0.2
Strawberries	706	0			0.010 - 0.020	0.2
Sweet Corn, Fresh	468	0			0.010 ^	0.2
Sweet Corn, Frozen	65	0			0.010 ^	0.2
Tomatoes	689	0			0.002 ^	0.2
TOTAL	**6,264**	**0**				
3-Hydroxycarbofuran (metabolite of Carbofuran)						
Apples	708	0			0.003 ^	NT
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen (V-2)	453	2	0.4	0.003 - 0.004	0.002 ^	NT
Cucumbers	378	0			0.010 ^	0.4
Grapefruit	177	0			0.001 - 0.004	NT
Grapes	708	0			0.050 ^	0.4
Green Beans (V-1)	754	1	0.1	0.008 ^	0.002 ^	NT
Lettuce	378	0			0.003 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.050 ^	NT
Potatoes	707	0			0.001 - 0.004	2
Spinach	708	0			0.001 - 0.002	NT
Strawberries	706	1	0.1	0.010 ^	0.001 - 0.003	0.5
Sweet Corn, Fresh	468	0			0.002 - 0.003	1.0
Sweet Corn, Frozen	65	0			0.002 - 0.003	1.0
Tomatoes	708	0			0.001 - 0.004	NT
Watermelon	370	0			0.003 ^	0.4
TOTAL	**9,872**	**4**				
5-Hydroxythiabendazole (metabolite of Thiabendazole)						
Grapefruit	90	2	2.2	0.002 ^	0.001 ^	10.0
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	5.0
Sweet Corn, Fresh	250	0			0.003 ^	0.01
Sweet Corn, Frozen	20	0			0.003 ^	0.01
TOTAL	**1,644**	**2**				
Imazalil (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	116	65.5	0.001 - 0.095	0.001 - 0.003	10.0
Grapes	708	0			0.003 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines (V-11)	578	11	1.9	0.005 - 0.013	0.003 - 0.005	NT
Oranges	707	554	78.4	0.010 - 0.58	0.010 ^	10.0
Peaches (V-4)	362	4	1.1	0.012 - 0.049	0.010 ^	NT

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
Pears (V-1)	705	1	0.1	0.039 ^	0.003 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.001 - 0.003	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,855**	**686**				
Imazapyr (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Imazaquin (herbicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Imazethapyr (herbicide)						
Apples	708	0			0.020 ^	NT
Grapefruit	90	0			0.020 ^	NT
Lettuce	156	0			0.020 ^	0.1
Nectarines	578	0			0.020 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**2,878**	**0**				
Imazosulfuron (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Imidacloprid (insecticide)						
Apples	708	96	13.6	0.003 - 0.033	0.003 ^	0.5
Cherries, Fresh	232	64	27.6	0.020 - 0.26	0.019 ^	3.0
Cherries, Frozen	453	157	34.7	0.019 - 0.42	0.019 ^	3.0
Cucumbers	378	10	2.6	0.011 - 0.031	0.010 ^	0.5
Grapefruit	177	21	11.9	0.003 - 0.012	0.003 - 0.005	0.70
Grapes	708	59	8.3	0.042 - 0.69	0.025 ^	1.0
Green Beans	754	14	1.9	0.006 - 0.48	0.005 ^	4.0
Lettuce	378	120	31.7	0.003 - 0.097	0.003 ^	3.5
Nectarines	578	22	3.8	0.005 - 0.13	0.003 - 0.005	3.0

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
Oranges	707	9	1.3	0.011 - 0.064	0.010 ^	0.70
Peaches	362	15	4.1	0.012 - 0.10	0.010 ^	3.0
Pears	705	49	7	0.042 - 0.24	0.025 ^	0.6
Potatoes	707	325	46	0.002 - 0.10	0.001 ^	0.40
Spinach	708	307	43.4	0.002 - 0.81	0.001 - 0.019	3.5
Strawberries	706	59	8.4	0.003 - 0.10	0.003 - 0.005	0.50
Sweet Corn, Fresh	468	0			0.005 ^	0.05
Sweet Corn, Frozen	65	0			0.005 ^	0.05
Tomatoes	708	125	17.7	0.003 - 0.18	0.003 ^	1.0
Watermelon	370	72	19.5	0.003 - 0.12	0.003 ^	0.5
TOTAL	**9,872**	**1,524**				
Imidacloprid urea (metabolite of Imidacloprid)						
Cherries, Fresh	232	0			0.011 ^	3.0
Cherries, Frozen	453	0			0.011 ^	3.0
Spinach	350	0			0.011 ^	3.5
TOTAL	**1,035**	**0**				
Imiprothrin (insecticide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.091 ^	NT
Cherries, Frozen	453	0			0.091 ^	NT
Cucumbers	378	0			0.010 - 0.025	NT
Grapefruit	177	0			0.010 - 0.040	NT
Grapes	708	0			0.010 ^	NT
Green Beans	754	0			0.030 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Oranges	707	0			0.010 ^	NT
Pears	705	0			0.010 ^	NT
Spinach	350	0			0.091 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.010 - 0.040	NT
Sweet Corn, Frozen	65	0			0.010 - 0.040	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**7,737**	**0**				
Indaziflam (herbicide)						
Apples	708	0			0.001 ^	0.01
Grapefruit	177	0			0.001 ^	0.01
Grapes	708	0			0.006 ^	0.01
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	0.01
Pears	705	0			0.006 ^	0.01
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**4,600**	**0**				
Indoxacarb (insecticide)						
Apples	708	1	0.1	0.028 ^	0.020 ^	1.0
Cherries, Fresh	232	0			0.021 ^	0.90
Cherries, Frozen	453	0			0.021 ^	0.90
Cucumbers	378	0			0.010 ^	0.60

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
Grapefruit	177	0			0.005 - 0.010	NT
Grapes	708	18	2.5	0.013 - 0.12	0.008 ^	2
Green Beans	754	0			0.050 ^	0.9
Lettuce	378	1	0.3	0.52 ^	0.020 ^	14
Nectarines	578	86	14.9	0.010 - 0.10	0.005 - 0.010	0.90
Oranges	707	0			0.010 ^	NT
Peaches	362	38	10.5	0.011 - 0.11	0.010 ^	0.90
Pears	705	2	0.3	0.013 ^	0.008 ^	0.20
Spinach	350	0			0.021 ^	14
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.02
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.02
Watermelon	370	0			0.020 ^	0.60
TOTAL	**8,099**	**146**				
Ipconazole (fungicide)						
Grapefruit	177	0			0.003 - 0.020	NT
Green Beans	722	0			0.002 ^	0.01
Nectarines	578	0			0.003 - 0.010	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	422	0			0.010 ^	0.01
Sweet Corn, Frozen	53	0			0.010 ^	0.01
TOTAL	**2,658**	**0**				
Iprodione (fungicide)						
Apples	708	0			0.040 ^	NT
Cherries, Fresh	232	56	24.1	0.022 - 2.7	0.022 - 0.044	20.0
Cherries, Frozen	453	100	22.1	0.023 - 1.7	0.022 - 0.044	20.0
Cucumbers (V-2)	378	2	0.5	0.006 - 0.11	0.005 ^	NT
Grapefruit	177	0			0.010 - 0.15	NT
Grapes	707	47	6.6	0.017 - 1.4	0.010 ^	60.0
Green Beans	754	1	0.1	1.1 ^	0.15 ^	2.0
Lettuce	378	1	0.3	0.36 ^	0.040 ^	25.0
Nectarines	578	184	31.8	0.005 - 3.4	0.005 - 0.010	20.0
Oranges	707	0			0.005 ^	NT
Peaches	362	168	46.4	0.005 - 7.2	0.005 ^	20.0
Potatoes	707	0			0.009 - 0.060	0.5
Spinach	708	0			0.022 - 0.030	NT
Strawberries	706	9	1.3	0.006 - 0.24	0.005 - 0.010	15.0
Sweet Corn, Fresh	468	0			0.005 - 0.15	NT
Sweet Corn, Frozen	65	0			0.005 - 0.15	NT
Tomatoes (V-2)	669	2	0.3	0.015 - 0.032	0.009 ^	NT
Watermelon	370	0			0.040 ^	NT
TOTAL	**9,127**	**570**				
Iprovalicarb (fungicide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes	708	0			0.001 ^	2.0
Nectarines	578	0			0.003 - 0.005	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.003 - 0.005	NT

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
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**3,387**	**0**				
Isocarbophos (insecticide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Isofenphos (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Isofenphos methyl (metabolite if Isofenphos)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Isoprocarb (insecticide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Isoproturon (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Isoxadifen ethyl (herbicide safener)						
Grapefruit	177	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.04
Sweet Corn, Frozen	65	0			0.005 ^	0.04
TOTAL	**1,994**	**0**				
Kresoxim-methyl (fungicide)						
Apples	708	0			0.010 ^	0.5
Cherries, Fresh	232	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	EPA Tolerance Level, ppm
Cherries, Frozen	453	0			0.015 ^	NT
Grapefruit	177	0			0.005 ^	NT
Grapes	708	22	3.1	0.013 - 0.060	0.008 ^	1.0
Green Beans	754	0			0.020 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.005 ^	NT
Pears	705	0			0.008 ^	0.5
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.015	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	0.40
TOTAL	**8,425**	**22**				
Lactofen (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Lenacil (herbicide)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**3,091**	**0**				
Leptophos oxygen analog (insecticide metabolite)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.020	NT
Strawberries	706	0			0.003 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Linuron (herbicide)						
Apples	708	0			0.003 ^	NT
Cherries, Fresh	232	0			0.007 ^	NT
Cherries, Frozen	453	0			0.007 ^	NT
Cucumbers	378	0			0.019 ^	NT
Grapefruit	177	0			0.003 - 0.016	NT
Lettuce (V-1)	378	1	0.3	0.004 ^	0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.019 ^	NT
Peaches	362	0			0.019 ^	NT
Potatoes	707	0			0.003 ^	0.2
Spinach (V-12)	708	12	1.7	0.005 - 0.082	0.003 - 0.007	NT

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
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	444	0			0.005 - 0.016	0.25
Sweet Corn, Frozen	60	0			0.005 - 0.016	0.25
Tomatoes	708	0			0.003 ^	NT
Watermelon	370	0			0.003 ^	NT
TOTAL	**7,676**	**13**				
Lufenuron (insecticide)						
Apples	413	0			0.020 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Spinach	350	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**3,462**	**0**				
Malathion (insecticide)						
Apples	648	0			0.002 ^	8
Cherries, Fresh	232	6	2.6	0.006 - 0.022	0.005 ^	8
Cherries, Frozen	453	28	6.2	0.005 - 0.035	0.005 ^	8
Cucumbers	378	0			0.010 ^	8
Grapefruit	177	0			0.003 - 0.005	8
Grapes	708	2	0.3	0.003 ^	0.002 ^	8
Green Beans	754	0			0.002 ^	8
Lettuce	378	0			0.002 ^	8
Nectarines	578	0			0.003 - 0.005	8
Oranges	707	0			0.010 ^	8
Peaches	362	0			0.010 ^	8
Pears	705	1	0.1	0.003 ^	0.002 ^	8
Potatoes	707	0			0.001 ^	8
Spinach	708	0			0.001 - 0.005	8
Strawberries	706	72	10.2	0.003 - 0.33	0.003 - 0.005	8
Sweet Corn, Fresh	440	0			0.005 ^	2
Sweet Corn, Frozen	64	0			0.005 ^	2
Tomatoes	708	0			0.003 ^	8
Watermelon	370	0			0.002 ^	8
TOTAL	**9,783**	**109**				
Malathion oxygen analog (metabolite of Malathion)						
Apples	708	0			0.002 ^	8
Cherries, Fresh	232	0			0.004 ^	8
Cherries, Frozen	453	0			0.004 ^	8
Cucumbers	378	0			0.010 ^	8
Grapefruit	177	0			0.001 ^	8
Grapes	708	0			0.005 ^	8
Green Beans	754	0			0.001 ^	8
Lettuce	378	0			0.002 ^	8
Nectarines	578	0			0.001 - 0.003	8
Oranges	707	0			0.010 ^	8
Peaches	362	0			0.010 ^	8
Pears	705	0			0.005 ^	8

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
Potatoes	707	0			0.003 ^	8
Spinach	708	0			0.004 - 0.010	8
Strawberries	706	16	2.3	0.001 - 0.007	0.001 - 0.003	8
Sweet Corn, Fresh	468	0			0.003 ^	2
Sweet Corn, Frozen	65	0			0.003 ^	2
Tomatoes	708	0			0.003 ^	8
Watermelon	370	0			0.002 ^	8
TOTAL	**9,872**	**16**				
Mandipropamid (fungicide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	2	0.5	0.007 - 0.070	0.005 ^	0.6
Grapefruit	177	0			0.001 - 0.003	NT
Grapes	708	0			0.003 ^	1.4
Green Beans	754	1	0.1	0.003 ^	0.001 ^	0.90
Lettuce	378	60	15.9	0.002 - 2.6	0.002 ^	20
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.005 ^	0.09
Spinach	708	482	68.1	0.008 - 8.5	0.005 - 0.020	20
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.001 - 0.005	NT
Sweet Corn, Frozen	65	0			0.001 - 0.005	NT
Tomatoes	708	25	3.5	0.008 - 0.046	0.005 ^	1.0
Watermelon	370	0			0.002 ^	0.6
TOTAL	**9,167**	**570**				
MCPA (herbicide)						
Grapefruit	90	0			0.25 ^	NT
Nectarines	578	0			0.25 ^	NT
Strawberries	706	0			0.25 ^	NT
Sweet Corn, Fresh	250	0			0.25 ^	NT
Sweet Corn, Frozen	20	0			0.25 ^	NT
TOTAL	**1,644**	**0**				
MCPB (herbicide)						
Grapefruit	90	0			0.25 ^	NT
Nectarines	578	0			0.25 ^	NT
Strawberries	706	0			0.25 ^	NT
Sweet Corn, Fresh	250	0			0.25 ^	NT
Sweet Corn, Frozen	20	0			0.25 ^	NT
TOTAL	**1,644**	**0**				
Mecarbam (insecticide, acaricide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				

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
Mecoprop - MCPP (herbicide)						
Grapefruit	90	0			0.25 ^	NT
Nectarines	578	0			0.25 ^	NT
Strawberries	706	0			0.25 ^	NT
Sweet Corn, Fresh	250	0			0.25 ^	NT
Sweet Corn, Frozen	20	0			0.25 ^	NT
TOTAL	**1,644**	**0**				
Mefenpyr diethyl (herbicide safener)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Mepanipyrim (fungicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.005	1.5
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Mesotrione (herbicide)						
Grapefruit	87	0			0.010 ^	0.01
Strawberries	706	0			0.020 - 0.040	0.01
Sweet Corn, Fresh	218	0			0.010 ^	0.01
Sweet Corn, Frozen	45	0			0.010 ^	0.01
TOTAL	**1,056**	**0**				
Metaflumizone (insecticide)						
Cherries, Fresh	232	0			0.005 ^	0.04
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.010	0.04
Nectarines	578	0			0.010 - 0.020	0.04
Spinach	350	0			0.005 ^	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**2,766**	**0**				
Metalaxyl/Mefenoxam [4] (fungicide)						
Apples	708	0			0.001 ^	0.2
Cherries, Fresh	232	0			0.030 ^	1.0
Cherries, Frozen	453	0			0.030 ^	1.0
Cucumbers	378	104	27.5	0.005 - 0.47	0.005 ^	1.0
Grapefruit	177	0			0.001 - 0.005	1.0
Grapes	708	0			0.003 ^	2.0
Green Beans	754	39	5.2	0.001 - 0.018	0.001 ^	0.2
Lettuce	378	8	2.1	0.001 - 0.024	0.001 ^	5.0
Nectarines	578	0			0.001 - 0.003	1.0
Oranges	707	0			0.005 ^	1.0
Peaches	362	0			0.005 ^	1.0
Potatoes	707	58	8.2	0.002 - 0.021	0.001 ^	0.5

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
Spinach	708	12	1.7	0.002 - 0.13	0.001 - 0.030	10.0
Strawberries	706	92	13	0.001 - 0.35	0.001 - 0.003	10.0
Sweet Corn, Fresh	468	1	0.2	0.012 ^	0.003 - 0.005	0.1
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.1
Tomatoes	708	23	3.2	0.002 - 0.079	0.001 ^	1.0
Watermelon	370	77	20.8	0.001 - 0.036	0.001 ^	1.0
TOTAL	**9,167**	**414**				
Metaldehyde (molluscicide)						
Cherries, Fresh	232	0			0.11 ^	NT
Cherries, Frozen	453	0			0.11 ^	NT
Grapefruit	90	0			0.10 ^	0.26
Nectarines	578	0			0.10 ^	NT
Spinach	350	0			0.11 ^	NT
Strawberries	706	1	0.1	0.18 ^	0.10 ^	6.25
Sweet Corn, Fresh	250	0			0.10 ^	0.05
Sweet Corn, Frozen	20	0			0.10 ^	0.05
TOTAL	**2,679**	**1**				
Metconazole (fungicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.010	0.2
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.01
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.01
TOTAL	**1,907**	**0**				
Methamidophos (insecticide) (also a metabolite of Acephate)						
Apples	708	0			0.005 ^	0.02
Cherries, Fresh	232	0			0.033 ^	0.02
Cherries, Frozen	453	0			0.033 ^	0.02
Cucumbers (X-2)	378	3	0.8	0.029 - 0.13	0.010 ^	0.02
Grapefruit	177	0			0.001 - 0.020	0.02
Grapes	708	0			0.050 ^	0.02
Green Beans	754	103	13.7	0.020 - 0.57	0.020 ^	1 [5]
Lettuce	378	1	0.3	0.014 ^	0.005 ^	1 [5]
Nectarines	578	2	0.3	0.003 - 0.008	0.001 - 0.005	0.02
Oranges	707	0			0.010 ^	0.02
Peaches	362	0			0.050 ^	0.02
Potatoes	707	0			0.001 ^	0.1
Spinach	693	0			0.004 - 0.034	0.02
Strawberries	706	0			0.001 - 0.005	0.02
Sweet Corn, Fresh	468	0			0.005 - 0.020	0.02
Sweet Corn, Frozen	65	0			0.005 - 0.020	0.02
Tomatoes	708	5	0.7	0.002 - 0.094	0.001 ^	2.0
Watermelon (X-2)	370	6	1.6	0.006 - 0.096	0.005 ^	0.02
TOTAL	**9,152**	**120**				
Methidathion (insecticide)						
Apples	708	0			0.010 ^	0.05
Cherries, Fresh	232	0			0.012 ^	0.05
Cherries, Frozen	453	0			0.012 ^	0.05
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.003	4.0
Grapes	708	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	EPA Tolerance Level, ppm
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 ^	0.05
Oranges	707	0			0.010 ^	4.0
Peaches	362	0			0.010 ^	0.05
Pears	705	2	0.3	0.005 ^	0.003 ^	0.05
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.012	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.002 - 0.008	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,855**	**2**				
Methiocarb (insecticide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Potatoes	668	0			0.001 ^	NT
Spinach	343	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	669	0			0.001 ^	NT
TOTAL	**4,409**	**0**				
Methiocarb sulfone (metabolite of Methiocarb)						
Apples	708	0			0.001 ^	NT
Grapefruit	90	0			0.003 ^	NT
Lettuce	221	0			0.001 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**2,943**	**0**				
Methiocarb sulfoxide (metabolite of Methiocarb)						
Apples	708	0			0.001 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**3,100**	**0**				
Methomyl (insecticide)						
Apples	708	0			0.030 ^	1
Cherries, Fresh	232	0			0.013 ^	NT
Cherries, Frozen	453	0			0.013 ^	NT
Cucumbers	378	7	1.9	0.011 - 0.060	0.010 ^	0.2
Grapefruit	177	0			0.001 - 0.010	2

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
Grapes	708	3	0.4	0.008 - 0.020	0.005 ^	5
Green Beans	754	60	8	0.001 - 0.24	0.001 ^	2
Lettuce	378	9	2.4	0.032 - 0.64	0.030 ^	5
Nectarines	578	1	0.2	0.022 ^	0.010 ^	5
Oranges	707	0			0.010 ^	2
Peaches	362	1	0.3	0.29 ^	0.010 ^	5
Pears	705	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	0.2
Spinach	708	42	5.9	0.004 - 1.3	0.002 - 0.013	6
Strawberries (V-2)	706	2	0.3	0.15 - 0.18	0.010 ^	NT
Sweet Corn, Fresh	468	4	0.9	0.001 - 0.003	0.001 - 0.010	0.1
Sweet Corn, Frozen	65	0			0.001 - 0.010	0.1
Tomatoes	708	0			0.002 ^	1
Watermelon	370	1	0.3	0.056 ^	0.030 ^	0.2
TOTAL	**9,872**	**130**				
Methomyl oxime (metabolite of Methomyl)						
Grapefruit	87	0			0.050 ^	2
TOTAL	**87**	**0**				
Methoprene (insect growth regulator)						
Grapefruit	87	0			0.050 ^	EX2
Green Beans	754	0			0.040 ^	EX2
Potatoes	707	0			0.015 ^	EX2
Sweet Corn, Fresh	218	0			0.025 - 0.050	EX2
Sweet Corn, Frozen	45	0			0.025 - 0.050	EX2
Tomatoes	708	0			0.015 ^	EX2
TOTAL	**2,519**	**0**				
Methoxychlor Total (insecticide)						
Cherries, Fresh	232	0			0.039 ^	NT
Cherries, Frozen	453	0			0.039 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	693	0			0.001 - 0.038	NT
Tomatoes	689	0			0.001 ^	NT
TOTAL	**2,774**	**0**				
Methoxychlor olefin (metabolite of Methoxychlor)						
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**1,773**	**0**				
Methoxychlor p,p' (isomer of Methoxychlor)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**3,091**	**0**				

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
Methoxyfenozide (insecticide)						
Apples	708	22	3.1	0.003 - 0.093	0.003 ^	2.0
Cherries, Fresh	232	19	8.2	0.006 - 0.050	0.006 ^	3.0
Cherries, Frozen	453	5	1.1	0.006 - 0.009	0.006 ^	3.0
Cucumbers	378	3	0.8	0.012 - 0.021	0.010 ^	0.3
Grapefruit	177	0			0.002 - 0.003	3.0
Grapes	708	88	12.4	0.008 - 0.27	0.005 ^	1.0
Green Beans	754	18	2.4	0.002 - 0.087	0.002 ^	1.5
Lettuce	378	6	1.6	0.003 - 0.035	0.003 ^	30
Nectarines	578	146	25.3	0.003 - 0.13	0.003 ^	3.0
Oranges	707	0			0.010 ^	3.0
Peaches	362	47	13	0.011 - 0.13	0.010 ^	3.0
Pears	705	23	3.3	0.008 - 0.21	0.005 ^	2.0
Potatoes	707	0			0.001 ^	0.02
Spinach	708	52	7.3	0.002 - 3.4	0.001 - 0.006	30
Strawberries	706	60	8.5	0.003 - 0.46	0.003 ^	2.0
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.05
Tomatoes	708	55	7.8	0.002 - 0.016	0.001 ^	2.0
Watermelon	370	0			0.003 ^	0.3
TOTAL	**9,872**	**544**				
Metolachlor (herbicide)						
Apples	708	0			0.001 ^	NT
Cherries, Fresh	232	0			0.007 ^	NT
Cherries, Frozen	453	0			0.007 ^	NT
Cucumbers	378	0			0.005 ^	0.50
Grapefruit	177	0			0.003 - 0.010	NT
Green Beans	754	0			0.005 ^	0.30
Lettuce	378	0			0.001 ^	1.5
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	1	0.1	0.002 ^	0.001 ^	0.20
Spinach	708	0			0.001 - 0.007	0.50
Strawberries	706	0			0.003 ^	0.40
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.10
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.10
Tomatoes	708	0			0.001 ^	0.10
Watermelon	370	0			0.001 ^	0.50
TOTAL	**8,459**	**1**				
Metolcarb (insecticide, acaricide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Metrafenone (fungicide)						
Grapefruit	90	0			0.001 ^	NT
Strawberries	174	0			0.001 ^	NT
TOTAL	**264**	**0**				

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
Metribuzin (herbicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.016 ^	NT
Cherries, Frozen	453	0			0.016 ^	NT
Grapefruit	177	0			0.005 ^	NT
Green Beans	754	0			0.002 ^	NT
Lettuce (V-1)	378	1	0.3	0.027 ^	0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Potatoes	707	7	1	0.003 ^	0.002 ^	0.6
Spinach	708	0			0.002 - 0.016	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.05
Sweet Corn, Frozen	65	0			0.005 ^	0.05
Tomatoes	708	0			0.002 ^	0.1
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,012**	**8**				
Mevinphos (insecticide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.006 ^	NT
Cherries, Frozen	453	0			0.006 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.002 - 0.003	NT
Green Beans	754	0			0.002 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	708	0			0.005 - 0.006	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	NT
Sweet Corn, Frozen	65	0			0.003 - 0.005	NT
Tomatoes	708	0			0.005 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**7,752**	**0**				
MGK-264 (insecticide)						
Apples	708	0			0.10 ^	5
Cherries, Fresh	232	0			0.030 ^	5
Cherries, Frozen	453	0			0.030 ^	5
Grapefruit	177	0			0.005 ^	5
Grapes	708	0			0.001 ^	5
Green Beans	754	0			0.020 ^	5
Lettuce	378	0			0.10 ^	5
Nectarines	578	0			0.003 - 0.005	5
Pears	705	0			0.001 ^	5
Potatoes	707	0			0.002 ^	5
Spinach	708	0			0.002 - 0.030	5
Strawberries	706	0			0.003 - 0.005	5
Sweet Corn, Fresh	438	0			0.003 - 0.005	5
Sweet Corn, Frozen	65	0			0.003 - 0.005	5
Tomatoes	708	0			0.002 ^	5
Watermelon	370	0			0.10 ^	5
TOTAL	**8,395**	**0**				

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
Monocrotophos (insecticide)						
Cherries, Fresh	232	0			0.017 ^	NT
Cherries, Frozen	453	0			0.017 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.017 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**4,126**	**0**				
Monolinuron (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Myclobutanil (fungicide)						
Apples	708	10	1.4	0.003 - 0.019	0.003 ^	0.5
Cherries, Fresh	232	47	20.3	0.001 - 0.26	0.001 ^	5.0
Cherries, Frozen	453	55	12.1	0.001 - 0.067	0.001 ^	5.0
Cucumbers	378	14	3.7	0.005 - 0.039	0.005 ^	0.20
Grapefruit	177	0			0.003 - 0.010	NT
Grapes	707	144	20.4	0.017 - 0.19	0.010 ^	1.0
Green Beans	754	20	2.7	0.006 - 0.17	0.005 ^	1.0
Lettuce	378	16	4.2	0.004 - 0.54	0.003 ^	9.0
Nectarines	578	31	5.4	0.010 - 0.074	0.003 - 0.010	2.0
Oranges	707	0			0.005 ^	NT
Peaches	362	26	7.2	0.005 - 0.16	0.005 ^	2.0
Pears	705	0			0.010 ^	NT
Potatoes	707	0			0.001 - 0.003	0.03
Spinach	708	1	0.1	0.012 ^	0.001 - 0.003	0.03
Strawberries (X-3)	706	135	19.1	0.003 - 0.94	0.003 - 0.010	0.50
Sweet Corn, Fresh	468	0			0.010 ^	0.03
Sweet Corn, Frozen	65	0			0.010 ^	0.03
Tomatoes	708	18	2.5	0.004 - 0.025	0.003 ^	0.30
Watermelon	370	8	2.2	0.003 - 0.009	0.003 ^	0.20
TOTAL	**9,871**	**525**				
Naled (insecticide)						
Apples	708	0			0.020 ^	0.5
Grapes	708	0			0.025 ^	0.5
Lettuce	378	0			0.020 ^	0.5
Pears	705	0			0.025 ^	0.5
Watermelon	370	0			0.020 ^	0.5
TOTAL	**2,869**	**0**				
1-Naphthol (metabolite of Carbaryl)						
Apples	679	7	1	0.021 - 0.43	0.015 ^	12
Grapefruit	87	0			0.010 ^	10

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
Grapes	708	0			0.050 ^	10
Green Beans	659	0			0.006 ^	10
Pears	705	0			0.050 ^	12
Sweet Corn, Fresh	218	0			0.010 ^	0.1
Sweet Corn, Frozen	45	0			0.010 ^	0.1
Watermelon	370	0			0.015 ^	3.0
TOTAL	**3,471**	**7**				
Napropamide (herbicide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Grapes	708	0			0.002 ^	0.1
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.002 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.020	NT
Strawberries	706	0			0.005 ^	0.1
Sweet Corn, Fresh	220	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	0.1
Watermelon	370	0			0.005 ^	NT
TOTAL	**8,738**	**0**				
Nicosulfuron (herbicide)						
Grapefruit	177	0			0.001 - 0.005	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.1
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.1
TOTAL	**1,994**	**0**				
Nitrapyrin (nitrification inhibitor)						
Grapefruit	177	0			0.005 - 0.020	NT
Nectarines	578	0			0.005 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.1
Sweet Corn, Frozen	65	0			0.005 ^	0.1
TOTAL	**1,994**	**0**				
Nitrofen (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	220	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,614**	**0**				

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
Norflurazon (herbicide)						
Apples	708	0			0.002 ^	0.1
Cherries, Fresh	232	0			0.005 ^	0.1
Cherries, Frozen	453	0			0.005 ^	0.1
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.003 - 0.005	0.2
Grapes	708	0			0.010 ^	0.1
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.003 - 0.010	0.1
Oranges	707	0			0.010 ^	0.2
Peaches	362	0			0.010 ^	0.1
Pears	705	0			0.010 ^	0.1
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.005	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**8,855**	**0**				
Norflurazon desmethyl (metabolite of Norflurazon)						
Apples	708	0			0.005 ^	0.1
Cherries, Fresh	232	0			0.010 ^	0.1
Cherries, Frozen	453	0			0.010 ^	0.1
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.003	0.2
Grapes	708	0			0.020 ^	0.1
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	0.1
Oranges	707	0			0.010 ^	0.2
Peaches	362	0			0.010 ^	0.1
Potatoes (V-1)	707	1	0.1	0.002 ^	0.001 ^	NT
Spinach (V-1)	708	1	0.1	0.006 ^	0.001 - 0.010	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**8,150**	**2**				
Novaluron (insecticide)						
Cherries, Fresh	232	0			0.010 ^	8.0
Cherries, Frozen	453	0			0.010 ^	8.0
Cucumbers	378	1	0.3	0.011 ^	0.010 ^	0.20
Grapefruit	177	0			0.020 - 0.050	0.01
Grapes	708	0			0.007 ^	0.01
Green Beans	754	6	0.8	0.057 - 0.30	0.050 ^	0.70
Nectarines	578	0			0.020 ^	1.9
Oranges	707	0			0.010 ^	0.01
Peaches	334	0			0.010 ^	1.9
Pears	703	34	4.8	0.012 - 0.16	0.007 ^	3.0
Potatoes	707	0			0.001 - 0.003	0.05
Spinach	708	4	0.6	0.002 ^	0.001 - 0.009	0.01
Strawberries	706	172	24.4	0.020 - 0.39	0.020 ^	0.45

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
Sweet Corn, Fresh	468	0			0.020 - 0.050	0.05
Sweet Corn, Frozen	65	0			0.020 - 0.050	0.05
Tomatoes	708	7	1	0.002 - 0.027	0.001 - 0.003	1.0
TOTAL	**8,386**	**224**				
Omethoate (insecticide) (also a metabolite of Dimethoate)						
Apples	708	0			0.020 ^	NT
Cherries, Fresh	232	1	0.4	0.032 ^	0.010 ^	2.0
Cherries, Frozen	453	28	6.2	0.011 - 0.12	0.010 ^	2.0
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.006	2.0
Grapes	708	0			0.025 ^	NT
Green Beans	754	29	3.8	0.007 - 0.41	0.006 ^	2.0
Lettuce	378	0			0.020 ^	2.0
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	2.0
Peaches	362	0			0.010 ^	NT
Pears	705	1	0.1	0.042 ^	0.025 ^	2.0
Potatoes	707	0			0.002 ^	0.2
Spinach (V-7)	708	7	1	0.011 - 0.33	0.002 - 0.010	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.003 - 0.006	NT
Sweet Corn, Frozen	65	0			0.003 - 0.006	NT
Tomatoes	708	7	1	0.004 - 0.081	0.002 ^	2.0
Watermelon	370	1	0.3	0.021 ^	0.020 ^	1.0
TOTAL	**9,872**	**74**				
Oryzalin (herbicide)						
Apples	708	0			0.020 ^	0.05
Cherries, Fresh	232	0			0.099 ^	0.05
Cherries, Frozen	453	0			0.099 ^	0.05
Cucumbers	378	0			0.020 - 0.10	NT
Grapefruit	177	0			0.020 - 0.10	0.05
Grapes	708	0			0.025 ^	0.05
Lettuce	378	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	0.05
Oranges	707	0			0.020 ^	0.05
Peaches	340	0			0.020 ^	0.05
Pears	705	0			0.025 ^	0.05
Spinach	350	0			0.097 ^	NT
Strawberries	706	0			0.020 ^	0.05
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**7,060**	**0**				
Oxadiazon (herbicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	220	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	EPA Tolerance Level, ppm
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,070**	**0**				
Oxadixyl (fungicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.003 ^	NT
Spinach	358	0			0.003 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.003 ^	NT
TOTAL	**4,864**	**0**				
Oxamyl (insecticide)						
Apples	708	0			0.003 ^	2
Cherries, Fresh	232	0			0.004 ^	NT
Cherries, Frozen	453	0			0.004 ^	NT
Cucumbers	378	15	4	0.010 - 0.37	0.010 ^	2.0
Grapefruit	177	0			0.002 - 0.005	3
Green Beans (V-1)	754	1	0.1	0.003 ^	0.002 ^	NT
Lettuce (V-2)	378	2	0.5	0.047 - 0.048	0.003 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	3
Peaches	362	0			0.010 ^	NT
Pears	705	0			0.016 ^	2.0
Potatoes	707	0			0.002 ^	0.1
Spinach (V-1)	708	1	0.1	0.011 ^	0.002 - 0.004	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.002 - 0.005	NT
Sweet Corn, Frozen	65	0			0.002 - 0.005	NT
Tomatoes	708	22	3.1	0.003 - 0.044	0.002 ^	2
Watermelon	370	13	3.5	0.006 - 0.044	0.003 ^	2.0
TOTAL	**9,164**	**54**				
Oxamyl oxime (metabolite of Oxamyl)						
Apples	708	0			0.006 ^	2
Cherries, Fresh	232	0			0.040 ^	NT
Cherries, Frozen	453	0			0.040 ^	NT
Cucumbers	378	52	13.8	0.011 - 0.46	0.010 ^	2.0
Grapefruit	177	0			0.005 - 0.050	3
Green Beans	754	0			0.050 ^	NT
Lettuce (V-2)	378	2	0.5	0.016 - 0.018	0.006 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.010 ^	3
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.039 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	468	0			0.010 - 0.050	NT

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
Sweet Corn, Frozen	65	0			0.010 - 0.050	NT
Watermelon	370	16	4.3	0.007 - 0.15	0.006 ^	2.0
TOTAL	**6,686**	**70**				
Oxydemeton methyl (insecticide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.010 ^	1.0
Grapefruit	177	0			0.001 - 0.050	1.0
Green Beans	754	0			0.002 ^	NT
Lettuce	378	2	0.5	0.007 ^	0.002 ^	2.0
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	1.0
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.005 ^	NT
Strawberries	706	2	0.3	0.002 - 0.047	0.001 - 0.003	2.0
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.5
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.5
Watermelon	370	0			0.002 ^	0.2
TOTAL	**6,686**	**4**				
Oxydemeton methyl sulfone (metabolite of Oxydemeton methyl)						
Apples	708	0			0.002 ^	NT
Cucumbers	378	0			0.010 ^	1.0
Grapefruit	177	0			0.001 - 0.002	1.0
Green Beans	754	0			0.001 ^	NT
Lettuce	378	0			0.002 ^	2.0
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.010 ^	1.0
Peaches	362	0			0.010 ^	NT
Spinach	343	0			0.012 ^	NT
Strawberries	706	2	0.3	0.001 - 0.010	0.001 - 0.005	2.0
Sweet Corn, Fresh	468	0			0.001 - 0.005	0.5
Sweet Corn, Frozen	65	0			0.001 - 0.005	0.5
Tomatoes	630	0			0.012 ^	NT
Watermelon	370	0			0.002 ^	0.2
TOTAL	**6,624**	**2**				
Oxyfluorfen (herbicide)						
Apples	708	0			0.050 ^	0.05
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.020 ^	NT
Grapes	708	0			0.006 ^	0.05
Lettuce	378	0			0.050 ^	NT
Nectarines	578	0			0.010 - 0.020	0.05
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	0.05
Pears	705	0			0.006 ^	0.05
Potatoes	707	0			0.001 ^	NT
Spinach (V-10)	358	10	2.8	0.002 ^	0.001 ^	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	220	0			0.010 ^	NT
Sweet Corn, Frozen	20	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	EPA Tolerance Level, ppm
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.050 ^	NT
TOTAL	**7,703**	**10**				
Paclobutrazol (plant growth regulator)						
Apples	413	0			0.010 ^	NT
Cherries, Fresh	232	0			0.007 ^	NT
Cherries, Frozen	453	0			0.007 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.007 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	220	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**4,879**	**0**				
Parathion (insecticide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.059 ^	NT
Cherries, Frozen	453	0			0.059 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.003 ^	NT
Spinach	708	0			0.003 - 0.059	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.003 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,355**	**0**				
Parathion methyl (insecticide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.016 ^	NT
Cherries, Frozen	453	0			0.016 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.020	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.020	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Pears	705	0			0.015 ^	NT
Potatoes	707	0			0.002 ^	0.1
Spinach	708	0			0.002 - 0.016	NT
Strawberries (V-1)	706	1	0.1	0.007 ^	0.005 - 0.020	NT
Sweet Corn, Fresh	468	0			0.005 ^	1.0
Sweet Corn, Frozen	65	0			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	EPA Tolerance Level, ppm
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,410**	**1**				
Parathion methyl oxygen analog (metabolite of Parathion methyl)						
Apples	708	0			0.020 ^	NT
Grapefruit	177	0			0.005 - 0.010	NT
Lettuce	378	0			0.020 ^	NT
Nectarines	578	0			0.010 ^	NT
Potatoes	707	0			0.002 - 0.005	0.1
Spinach	358	0			0.002 - 0.005	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	440	0			0.005 - 0.010	1.0
Sweet Corn, Frozen	64	0			0.005 - 0.010	1.0
Tomatoes	708	0			0.002 - 0.005	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**5,194**	**0**				
Parathion oxygen analog (metabolite of Parathion)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Potatoes (V-3)	707	3	0.4	0.005 - 0.034	0.003 ^	NT
Spinach	358	0			0.003 ^	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.003 ^	NT
TOTAL	**3,417**	**3**				
Pebulate (herbicide)						
Cucumbers	378	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
TOTAL	**1,447**	**0**				
Penconazole (fungicide)						
Cherries, Fresh	232	0			0.006 ^	NT
Cherries, Frozen	453	0			0.006 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes (V-1)	708	1	0.1	0.007 ^	0.004 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.006 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	220	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**4,804**	**1**				
Pencycuron (fungicide)						
Cherries, Fresh	232	0			0.003 ^	NT
Cherries, Frozen	453	0			0.003 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	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	EPA Tolerance Level, ppm
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.003 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**4,126**	**0**				
Pendimethalin (herbicide)						
Apples	708	0			0.050 ^	0.1
Cherries, Fresh	232	0			0.032 ^	0.1
Cherries, Frozen	453	0			0.032 ^	0.1
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.010 - 0.045	0.1
Grapes	708	0			0.005 ^	0.1
Green Beans	754	0			0.040 ^	0.10
Lettuce	378	0			0.050 ^	4.0
Nectarines	578	36	6.2	0.005 - 0.021	0.005 - 0.010	0.1
Oranges	707	0			0.005 ^	0.1
Peaches	362	17	4.7	0.006 - 0.015	0.005 ^	0.1
Pears	705	1	0.1	0.008 ^	0.005 ^	0.1
Potatoes	707	13	1.8	0.002 - 0.006	0.001 ^	0.1
Spinach (V-13)	708	13	1.8	0.002 - 0.013	0.001 - 0.032	NT
Strawberries	706	0			0.005 - 0.010	0.1
Sweet Corn, Fresh	468	0			0.005 - 0.040	0.1
Sweet Corn, Frozen	65	0			0.005 - 0.040	0.1
Tomatoes	708	0			0.001 - 0.003	0.1
Watermelon	339	0			0.050 ^	0.10
TOTAL	**9,841**	**80**				
Penflufen (fungicide)						
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	0.01
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.01
TOTAL	**2,748**	**0**				
Penoxsulam (herbicide)						
Cucumbers	378	0			0.010 ^	NT
Oranges	707	0			0.010 ^	NT
TOTAL	**1,085**	**0**				
Pentachloroaniline - PCA (metabolite of Quintozene)						
Apples	708	0			0.004 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.003 - 0.060	NT
Green Beans	754	0			0.060 ^	0.1
Lettuce	378	0			0.004 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	47	6.6	0.002 - 0.11	0.001 ^	0.1

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
Spinach (V-2)	708	2	0.3	0.002 - 0.003	0.001 - 0.002	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.060	NT
Sweet Corn, Frozen	65	0			0.003 - 0.060	NT
Tomatoes	708	0			0.001 ^	0.1
Watermelon (V-3)	370	3	0.8	0.010 - 0.023	0.004 ^	NT
TOTAL	**7,774**	**52**				
Pentachlorobenzene - PCB (metabolite of Quintozene)						
Apples	708	0			0.005 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.015	NT
Green Beans	565	0			0.015 ^	0.1
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	11	1.6	0.005 - 0.027	0.003 - 0.010	0.1
Spinach	708	0			0.001 - 0.010	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.015	NT
Sweet Corn, Frozen	65	0			0.005 - 0.015	NT
Tomatoes	688	0			0.003 - 0.010	0.1
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,565**	**11**				
Pentachlorophenyl methyl sulfide (metabolite of Quintozene)						
Apples	649	0			0.005 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	87	0			0.025 ^	NT
Green Beans	754	0			0.025 ^	0.1
Lettuce	347	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	708	0			0.001 - 0.002	NT
Sweet Corn, Fresh	218	0			0.025 ^	NT
Sweet Corn, Frozen	45	0			0.025 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**4,625**	**0**				
Penthiopyrad (fungicide)						
Cucumbers	378	0			0.010 ^	0.60
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	102	13.5	0.001 - 0.76	0.001 ^	4.0
Nectarines	578	9	1.6	0.003 - 0.010	0.001 - 0.003	4.0
Oranges	707	0			0.010 ^	NT
Pears	705	0			0.002 ^	0.50
Potatoes	707	4	0.6	0.003 ^	0.002 ^	0.06
Spinach	358	15	4.2	0.003 - 4.6	0.002 ^	30
Strawberries	706	119	16.9	0.002 - 0.83	0.001 - 0.003	3.0
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.01
Tomatoes	708	50	7.1	0.003 - 0.060	0.002 ^	3.0
TOTAL	**6,311**	**299**				

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
Permethrin Total (insecticide)						
Cucumbers	378	4	1.1	0.005 - 0.17	0.005 ^	1.5
Grapefruit	87	0			0.010 ^	NT
Grapes	708	0			0.006 ^	NT
Green Beans	724	0			0.040 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.010 ^	1.0
Pears	705	0			0.006 ^	0.05
Sweet Corn, Fresh	218	0			0.005 ^	0.10
Sweet Corn, Frozen	45	0			0.005 ^	0.10
TOTAL	**3,934**	**4**				
Permethrin cis (isomer of Permethrin)						
Apples	708	0			0.010 ^	0.05
Cherries, Fresh	232	0			0.020 ^	4.0
Cherries, Frozen	453	51	11.3	0.020 - 0.17	0.020 ^	4.0
Grapefruit	90	0			0.010 ^	NT
Lettuce	378	43	11.4	0.010 - 1.5	0.010 ^	20
Nectarines	578	3	0.5	0.030 - 0.066	0.005 - 0.010	1.0
Potatoes	707	0			0.001 ^	0.05
Spinach	708	500	70.6	0.002 - 7.4	0.001 - 0.020	20
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	0.10
Sweet Corn, Frozen	20	0			0.005 ^	0.10
Tomatoes	708	29	4.1	0.002 - 0.024	0.001 ^	2.0
Watermelon	370	0			0.010 ^	1.5
TOTAL	**5,908**	**626**				
Permethrin trans (isomer of Permethrin)						
Apples	708	0			0.010 ^	0.05
Cherries, Fresh	232	0			0.010 ^	4.0
Cherries, Frozen	453	67	14.8	0.011 - 0.23	0.010 ^	4.0
Grapefruit	90	0			0.010 ^	NT
Lettuce	378	42	11.1	0.011 - 2.1	0.010 ^	20
Nectarines	578	3	0.5	0.041 - 0.099	0.005 - 0.010	1.0
Potatoes	707	0			0.001 ^	0.05
Spinach	708	503	71	0.002 - 10	0.001 - 0.010	20
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	226	0			0.005 ^	0.10
Sweet Corn, Frozen	14	0			0.005 ^	0.10
Tomatoes	708	30	4.2	0.002 - 0.030	0.001 ^	2.0
Watermelon	370	0			0.010 ^	1.5
TOTAL	**5,878**	**645**				
Phenothrin (insecticide)						
Apples	708	0			0.050 ^	0.01
Cherries, Fresh	232	0			0.15 ^	0.01
Cherries, Frozen	453	0			0.15 ^	0.01
Cucumbers	378	0			0.005 ^	0.01
Grapefruit	177	0			0.005 ^	0.01
Grapes	708	0			0.005 ^	0.01
Green Beans	754	0			0.030 ^	0.01
Lettuce	378	0			0.050 ^	0.01
Nectarines	578	0			0.005 ^	0.01
Oranges	707	0			0.005 ^	0.01

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
Peaches	362	0			0.005 ^	0.01
Pears	705	0			0.005 ^	0.01
Potatoes	707	0			0.002 ^	0.01
Spinach	708	0			0.002 - 0.15	0.01
Strawberries	706	0			0.005 ^	0.01
Sweet Corn, Fresh	468	0			0.005 ^	0.01
Sweet Corn, Frozen	65	0			0.005 ^	0.01
Tomatoes	708	0			0.002 ^	0.01
Watermelon	370	0			0.050 ^	0.01
TOTAL	**9,872**	**0**				
Phenthoate (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**3,417**	**0**				
o-Phenylphenol (fungicide)						
Apples	708	10	1.4	0.008 - 0.076	0.005 ^	25
Grapefruit	177	0			0.005 - 0.010	10
Lettuce	378	0			0.005 ^	NT
Nectarines	578	5	0.9	0.005 - 0.009	0.005 ^	5
Pears	705	125	17.7	0.003 - 10	0.002 ^	25.0
Tomatoes	708	8	1.1	0.002 - 0.011	0.001 ^	10
Watermelon	370	0			0.005 ^	NT
TOTAL	**3,624**	**148**				
Phorate (insecticide)						
Apples	649	0			0.010 ^	NT
Cherries, Fresh	232	0			0.17 ^	NT
Cherries, Frozen	453	0			0.17 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.020 - 0.060	NT
Green Beans	754	0			0.060 ^	0.05
Lettuce	347	0			0.010 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.006 ^	0.2
Spinach	708	0			0.002 - 0.17	NT
Strawberries	706	0			0.010 - 0.020	NT
Sweet Corn, Fresh	468	0			0.010 - 0.060	0.05
Sweet Corn, Frozen	65	0			0.010 - 0.060	0.05
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,369**	**0**				
Phorate oxygen analog (metabolite of Phorate)						
Apples	708	0			0.010 ^	NT
Grapefruit	177	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	EPA Tolerance Level, ppm
Green Beans	754	0			0.001 ^	0.05
Lettuce	221	0			0.010 ^	NT
Nectarines	578	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	0.2
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.001 - 0.005	0.05
Sweet Corn, Frozen	65	0			0.001 - 0.005	0.05
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**5,820**	**0**				
Phorate oxygen analog sulfone (metabolite of Phorate)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Grapefruit	177	0			0.001 - 0.004	NT
Green Beans	754	0			0.002 ^	0.05
Nectarines	578	0			0.001 - 0.003	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.05
TOTAL	**3,783**	**0**				
Phorate oxygen analog sulfoxide (metabolite of Phorate)						
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.004	NT
Green Beans	754	0			0.002 ^	0.05
Nectarines	578	0			0.001 - 0.003	NT
Spinach	350	0			0.005 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.05
TOTAL	**3,783**	**0**				
Phorate sulfone (metabolite of Phorate)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.030 ^	NT
Cherries, Frozen	453	0			0.030 ^	NT
Cucumbers	378	0			0.020 ^	NT
Grapefruit	177	0			0.003 - 0.005	NT
Green Beans	754	0			0.005 ^	0.05
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.020 ^	NT
Potatoes	707	3	0.4	0.005 - 0.027	0.003 ^	0.2
Spinach	708	0			0.003 - 0.030	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.05
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.05
Tomatoes	708	0			0.003 - 0.010	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,097**	**3**				

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
Phorate sulfoxide (metabolite of Phorate)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.001 ^	NT
Green Beans	754	0			0.001 ^	0.05
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	4	0.6	0.006 - 0.024	0.005 ^	0.2
Spinach	708	0			0.002 - 0.005	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.05
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.05
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,459**	**4**				
Phosalone (insecticide)						
Apples	708	0			0.001 ^	10.0
Cherries, Fresh	232	0			0.013 ^	15.0
Cherries, Frozen	453	0			0.013 ^	15.0
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Grapes	708	0			0.003 ^	10.0
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.003 - 0.005	15.0
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	15.0
Pears	705	0			0.003 ^	10.0
Potatoes	707	0			0.002 - 0.008	NT
Spinach	708	0			0.002 - 0.013	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 - 0.008	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**8,768**	**0**				
Phosmet (insecticide)						
Apples	708	41	5.8	0.011 - 0.43	0.010 ^	10
Cherries, Fresh	232	0			0.025 ^	10
Cherries, Frozen	453	9	2	0.025 - 0.29	0.025 ^	10
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.010	5
Grapes	708	0			0.015 ^	10
Green Beans	754	0			0.010 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	25	4.3	0.006 - 0.29	0.001 - 0.005	5
Oranges	707	0			0.005 ^	5
Peaches	362	17	4.7	0.006 - 0.41	0.005 ^	10
Pears	705	10	1.4	0.025 - 0.16	0.015 ^	10
Spinach	350	0			0.025 ^	NT

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
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	NT
Sweet Corn, Frozen	65	0			0.005 - 0.010	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,099**	**102**				
Phosmet oxygen analog (metabolite of Phosmet)						
Apples	413	0			0.004 ^	10
Cherries, Fresh	232	0			0.006 ^	10
Cherries, Frozen	453	2	0.4	0.007 - 0.008	0.006 ^	10
Grapefruit	177	0			0.001 ^	5
Grapes	708	0			0.002 ^	10
Green Beans	754	0			0.001 ^	NT
Lettuce	378	0			0.004 ^	NT
Nectarines	578	5	0.9	0.001 - 0.005	0.001 - 0.003	5
Pears	705	3	0.4	0.003 - 0.034	0.002 ^	10
Spinach	350	0			0.006 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	NT
Sweet Corn, Frozen	65	0			0.001 - 0.003	NT
Watermelon	177	0			0.004 ^	NT
TOTAL	**6,164**	**10**				
Phosphamidon (insecticide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.003 ^	NT
Spinach	358	0			0.003 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.003 ^	NT
TOTAL	**4,864**	**0**				
Phoxim (insecticide)						
Cherries, Fresh	232	0			0.024 ^	NT
Cherries, Frozen	453	0			0.024 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Spinach	350	0			0.024 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**2,679**	**0**				
Picoxystrobin (fungicide)						
Grapefruit	177	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.04
Sweet Corn, Frozen	65	0			0.005 ^	0.04
TOTAL	**1,994**	**0**				

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
Piperonyl butoxide (insecticide)						
Apples	708	0			0.005 ^	8
Cherries, Fresh	232	0			0.013 ^	8
Cherries, Frozen	453	0			0.013 ^	8
Cucumbers	378	2	0.5	0.023 - 0.029	0.005 ^	EX3
Grapefruit	177	0			0.010 - 0.025	EX3
Grapes	708	0			0.005 ^	8
Green Beans	754	0			0.030 ^	8
Lettuce	378	0			0.005 ^	EX3
Nectarines	578	0			0.005 - 0.010	8
Oranges	707	1	0.1	0.006 ^	0.005 ^	8
Peaches	362	0			0.005 ^	8
Pears	705	2	0.3	0.008 - 0.098	0.005 ^	8
Potatoes	707	0			0.003 ^	0.25
Spinach	708	0			0.005 - 0.013	EX3
Strawberries	706	49	6.9	0.006 - 1.4	0.005 - 0.010	EX3
Sweet Corn, Fresh	468	0			0.005 - 0.025	EX3
Sweet Corn, Frozen	65	0			0.005 - 0.025	EX3
Tomatoes	708	13	1.8	0.005 - 0.44	0.003 ^	8
Watermelon	370	0			0.005 ^	EX3
TOTAL	**9,872**	**67**				
Pirimicarb (insecticide)						
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	0			0.002 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.002	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**5,899**	**0**				
Pirimicarb desmethyl (metabolite of Pirimicarb)						
Cherries, Fresh	232	0			0.001 ^	NT
Cherries, Frozen	453	0			0.001 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**4,126**	**0**				

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
Pirimiphos ethyl (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Strawberries	174	0			0.001 ^	NT
TOTAL	**264**	**0**				
Pirimiphos methyl (insecticide)						
Apples	708	0			0.001 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**6,320**	**0**				
Prallethrin (insecticide)						
Apples	708	0			0.010 ^	1.0
Cherries, Fresh	232	0			0.10 ^	1.0
Cherries, Frozen	453	0			0.10 ^	1.0
Grapefruit	177	0			0.020 - 0.10	1.0
Grapes	708	0			0.030 ^	1.0
Green Beans	722	0			0.20 ^	1.0
Nectarines	578	0			0.020 ^	1.0
Pears	705	0			0.030 ^	1.0
Spinach	350	0			0.099 ^	1.0
Strawberries	706	0			0.020 ^	1.0
Sweet Corn, Fresh	468	0			0.010 - 0.020	1.0
Sweet Corn, Frozen	65	0			0.010 - 0.020	1.0
Watermelon	370	0			0.010 ^	1.0
TOTAL	**6,242**	**0**				
Prochloraz (fungicide)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**3,091**	**0**				
Procymidone (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	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	EPA Tolerance Level, ppm
Grapes	708	0			0.020 ^	5.0
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,290**	**0**				
Profenofos (insecticide)						
Apples	708	0			0.075 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.005 ^	NT
Grapes	708	0			0.005 ^	NT
Lettuce	378	0			0.075 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.004	NT
Strawberries (V-1)	706	1	0.1	0.039 ^	0.005 ^	NT
Sweet Corn, Fresh	410	0			0.005 ^	NT
Sweet Corn, Frozen	64	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.075 ^	NT
TOTAL	**7,669**	**1**				
Profluralin (herbicide)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.010 - 0.020	NT
Strawberries	706	0			0.005 - 0.020	NT
Sweet Corn, Fresh	250	0			0.005 - 0.010	NT
Sweet Corn, Frozen	20	0			0.005 - 0.010	NT
TOTAL	**1,644**	**0**				
Profoxydim (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Promecarb (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				

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
Prometryn (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.003 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach (V-30)	358	30	8.4	0.002 - 0.033	0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	82	0			0.003 ^	NT
Sweet Corn, Frozen	8	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**3,237**	**30**				
Pronamide (herbicide)						
Apples	708	0			0.002 ^	0.1
Cherries, Fresh	232	0			0.012 ^	0.1
Cherries, Frozen	453	0			0.012 ^	0.1
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.003 - 0.050	NT
Grapes	708	0			0.003 ^	0.1
Green Beans	754	0			0.005 ^	NT
Lettuce	378	1	0.3	0.003 ^	0.002 ^	1.0
Nectarines	578	0			0.003 ^	0.1
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	0.1
Pears	705	0			0.003 ^	0.1
Potatoes	707	0			0.001 ^	NT
Spinach (V-2)	708	2	0.3	0.002 ^	0.001 - 0.012	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	NT
Sweet Corn, Frozen	65	0			0.003 - 0.005	NT
Tomatoes	708	0			0.001 - 0.003	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**9,872**	**3**				
Propachlor (herbicide)						
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**1,773**	**0**				
Propamocarb (fungicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Strawberries (V-3)	706	3	0.4	0.003 - 0.006	0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**3**				
Propamocarb hydrochloride [6] (fungicide)						
Apples	708	0			0.002 ^	NT
Cucumbers	378	207	54.8	0.011 - 1.1	0.010 ^	1.5
Grapefruit	87	0			0.001 ^	NT
Green Beans (V-18)	754	18	2.4	0.001 - 0.28	0.001 ^	NT
Lettuce	378	91	24.1	0.002 - 9.0	0.002 ^	90
Oranges	707	0			0.010 ^	NT
Peaches	362	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	EPA Tolerance Level, ppm
Spinach (V-69)	350	69	19.7	0.001 - 1.0	0.001 ^	NT
Sweet Corn, Fresh	218	0			0.001 ^	NT
Sweet Corn, Frozen	45	0			0.001 ^	NT
Watermelon	370	17	4.6	0.002 - 0.006	0.002 ^	1.5
TOTAL	**4,357**	**402**				
Propanil (herbicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Propaquizafop (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Propargite (insecticide)						
Apples	708	0			0.050 ^	NT
Cherries, Fresh	232	0			0.036 ^	NT
Cherries, Frozen	453	0			0.036 ^	NT
Cucumbers	378	0			0.020 ^	NT
Grapefruit	177	0			0.001 - 0.010	5.0
Grapes	708	1	0.1	0.008 ^	0.005 ^	10.0
Lettuce	378	0			0.050 ^	NT
Nectarines	578	11	1.9	0.003 - 0.55	0.001 - 0.003	4.0
Oranges	707	0			0.020 ^	10.0
Peaches	362	0			0.020 ^	NT
Potatoes	707	0			0.006 ^	0.1
Spinach	708	0			0.006 - 0.036	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	1	0.2	0.007 ^	0.003 - 0.005	0.1
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.1
Tomatoes	708	0			0.006 ^	NT
Watermelon	370	0			0.050 ^	NT
TOTAL	**8,413**	**13**				
Propetamphos (insecticide)						
Apples	708	0			0.010 ^	0.1
Cherries, Fresh	232	0			0.010 ^	0.1
Cherries, Frozen	453	0			0.010 ^	0.1
Cucumbers	378	0			0.010 ^	0.1
Grapefruit	177	0			0.005 ^	0.1
Grapes	708	0			0.010 ^	0.1
Green Beans	754	0			0.10 ^	0.1
Lettuce	378	0			0.010 ^	0.1
Nectarines	578	0			0.005 ^	0.1
Oranges	707	0			0.010 ^	0.1
Peaches	362	0			0.010 ^	0.1
Pears	705	0			0.010 ^	0.1

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
Potatoes	707	0			0.002 ^	0.1
Spinach	708	0			0.002 - 0.010	0.1
Strawberries	706	0			0.005 ^	0.1
Sweet Corn, Fresh	468	0			0.005 ^	0.1
Sweet Corn, Frozen	65	0			0.005 ^	0.1
Tomatoes	708	0			0.002 ^	0.1
Watermelon	370	0			0.010 ^	0.1
TOTAL	**9,872**	**0**				
Propham (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Propiconazole (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	2	0.9	0.022 - 0.059	0.018 ^	4.0
Cherries, Frozen	453	47	10.4	0.018 - 0.21	0.018 ^	4.0
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	1	0.6	0.013 ^	0.005 ^	8.0
Green Beans	754	1	0.1	0.006 ^	0.005 ^	0.70
Lettuce	378	0			0.010 ^	NT
Nectarines	578	117	20.2	0.007 - 0.64	0.005 - 0.010	4.0
Oranges	707	0			0.010 ^	8.0
Peaches	362	75	20.7	0.010 - 0.76	0.010 ^	4.0
Potatoes	707	0			0.008 ^	NT
Spinach	708	0			0.008 - 0.018	NT
Strawberries	706	40	5.7	0.006 - 0.27	0.005 - 0.010	1.3
Sweet Corn, Fresh	409	0			0.005 - 0.010	0.1
Sweet Corn, Frozen	64	0			0.005 - 0.010	0.1
Tomatoes	708	1	0.1	0.012 ^	0.008 ^	3.0
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,399**	**284**				
Proquinazid (fungicide)						
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Prosulfuron (herbicide)						
Grapefruit	177	0			0.001 - 0.003	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.01
TOTAL	**1,994**	**0**				

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
Prothioconazole (fungicide)						
Grapefruit	90	0			0.020 ^	NT
Green Beans	754	0			0.50 ^	NT
Nectarines	574	0			0.020 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	0.04
Sweet Corn, Frozen	20	0			0.020 ^	0.04
TOTAL	**2,394**	**0**				
Prothiofos (insecticide)						
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.020 ^	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	172	0			0.010 ^	NT
Sweet Corn, Frozen	8	0			0.010 ^	NT
TOTAL	**4,036**	**0**				
Pymetrozine (insecticide)						
Cherries, Fresh	232	0			0.081 ^	NT
Cherries, Frozen	453	0			0.081 ^	NT
Cucumbers	378	1	0.3	0.035 ^	0.010 ^	0.1
Grapefruit	90	0			0.001 ^	NT
Nectarines	171	0			0.001 - 0.003	NT
Oranges	687	0			0.010 ^	NT
Potatoes	707	0			0.005 ^	0.02
Spinach	708	1	0.1	0.030 ^	0.005 - 0.081	0.6
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	12	1.7	0.008 - 0.022	0.005 ^	0.2
TOTAL	**5,110**	**14**				
Pyraclostrobin (fungicide)						
Apples	708	133	18.8	0.003 - 0.099	0.003 ^	1.5
Cherries, Fresh	232	128	55.2	0.002 - 0.23	0.002 ^	2.5
Cherries, Frozen	453	207	45.7	0.002 - 0.45	0.002 ^	2.5
Cucumbers	378	19	5	0.003 - 0.036	0.003 ^	0.5
Grapefruit	177	0			0.001 ^	2.0
Grapes	708	323	45.6	0.005 - 0.36	0.003 ^	2.0
Green Beans	754	78	10.3	0.001 - 0.17	0.001 ^	0.5
Lettuce	378	6	1.6	0.005 - 1.5	0.003 ^	29.0
Nectarines	578	77	13.3	0.003 - 0.087	0.001 - 0.003	2.5
Oranges	707	1	0.1	0.003 ^	0.003 ^	2.0
Peaches	362	23	6.4	0.004 - 0.21	0.003 ^	2.5
Pears	705	177	25.1	0.005 - 0.12	0.003 ^	1.5
Potatoes	707	2	0.3	0.002 - 0.005	0.001 ^	0.04
Spinach	708	62	8.8	0.002 - 5.0	0.001 - 0.002	29.0
Strawberries	706	300	42.5	0.001 - 0.49	0.001 - 0.003	1.2
Sweet Corn, Fresh	468	1	0.2	0.001 ^	0.001 - 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	EPA Tolerance Level, ppm
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.04
Tomatoes	708	164	23.2	0.002 - 0.091	0.001 ^	1.4
Watermelon	370	0			0.003 ^	0.5
TOTAL	**9,872**	**1,701**				
Pyraflufen (precursor to Pyraflufen ethyl)						
Grapefruit	90	0			0.020 ^	NT
Nectarines	578	0			0.020 ^	0.01
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Pyraflufen ethyl (herbicide)						
Apples	708	0			0.010 ^	0.01
Grapefruit	90	0			0.001 ^	NT
Grapes	708	0			0.005 ^	0.01
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.003	0.01
Pears	705	0			0.005 ^	0.01
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**4,513**	**0**				
Pyrazophos (fungicide)						
Cherries, Fresh	232	0			0.006 ^	NT
Cherries, Frozen	453	0			0.006 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.012 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**4,126**	**0**				
Pyrethrins (insecticide)						
Cherries, Fresh	232	0			0.20 ^	1.0
Cherries, Frozen	453	0			0.20 ^	1.0
Spinach	350	1	0.3	0.27 ^	0.20 ^	1.0
TOTAL	**1,035**	**1**				
Pyridaben (insecticide, acaricide)						
Apples	472	3	0.6	0.008 - 0.062	0.005 ^	0.5
Cherries, Fresh	232	0			0.001 ^	2.5
Cherries, Frozen	453	1	0.2	0.006 ^	0.001 ^	2.5
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.001 - 0.005	0.5
Grapes	708	0			0.002 ^	1.5
Lettuce	378	0			0.005 ^	NT
Nectarines	578	6	1	0.002 - 0.032	0.001 - 0.003	2.5

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
Oranges	707	0			0.005 ^	0.5
Peaches	362	0			0.005 ^	2.5
Pears	705	48	6.8	0.003 - 0.075	0.002 ^	0.75
Spinach	350	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	2.5
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	240	0			0.005 ^	NT
TOTAL	**6,716**	**58**				
Pyridalyl (insecticide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	491	0			0.001 - 0.005	NT
Spinach	350	0			0.004 ^	20
Strawberries	706	0			0.001 - 0.005	NT
TOTAL	**1,637**	**0**				
Pyrimethanil (fungicide)						
Apples	708	173	24.4	0.050 - 7.8	0.050 ^	15
Cherries, Fresh	232	5	2.2	0.002 - 4.6	0.002 ^	10
Cherries, Frozen	453	6	1.3	0.003 - 0.020	0.002 ^	10
Cucumbers	378	5	1.3	0.003 - 0.019	0.003 ^	1.5
Grapefruit	177	0			0.005 ^	10
Grapes	708	117	16.5	0.008 - 4.2	0.005 ^	5.0
Green Beans (V-6)	754	6	0.8	0.001 - 0.008	0.001 ^	NT
Lettuce	378	0			0.050 ^	NT
Nectarines	578	170	29.4	0.005 - 3.3	0.005 ^	10
Oranges	707	30	4.2	0.003 - 0.035	0.003 ^	10
Peaches	362	127	35.1	0.003 - 4.7	0.003 ^	10
Pears	705	410	58.2	0.008 - 5.5	0.005 ^	15
Potatoes	707	0			0.001 ^	0.05
Spinach (V-2)	708	2	0.3	0.002 - 0.007	0.001 - 0.002	NT
Strawberries	706	176	24.9	0.005 - 1.6	0.005 ^	3.0
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	79	11.2	0.002 - 0.19	0.001 ^	0.50
Watermelon	370	0			0.050 ^	NT
TOTAL	**9,872**	**1,306**				
Pyriproxyfen (insecticide, growth regulator)						
Apples	708	13	1.8	0.001 - 0.014	0.001 ^	0.20
Cherries, Fresh	232	0			0.002 ^	1.0
Cherries, Frozen	453	5	1.1	0.002 - 0.013	0.002 ^	1.0
Cucumbers	378	0			0.005 ^	0.10
Grapefruit	177	0			0.001 - 0.005	0.50
Grapes	708	0			0.001 ^	2.5
Green Beans	754	7	0.9	0.001 - 0.080	0.001 ^	0.20
Lettuce	378	1	0.3	0.015 ^	0.001 ^	3.0
Nectarines	578	2	0.3	0.005 - 0.008	0.001 - 0.003	1.0
Oranges	707	0			0.005 ^	0.50
Peaches	362	2	0.6	0.033 - 0.079	0.005 ^	1.0
Pears	705	15	2.1	0.002 - 0.016	0.001 ^	0.20
Potatoes	707	0			0.002 ^	0.15
Spinach	708	0			0.002 ^	3.0
Strawberries	706	8	1.1	0.004 - 0.029	0.001 - 0.003	0.30

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
Sweet Corn, Fresh	468	0			0.003 - 0.005	1.1
Sweet Corn, Frozen	65	0			0.003 - 0.005	1.1
Tomatoes	708	46	6.5	0.004 - 0.061	0.002 ^	0.80
Watermelon	370	0			0.001 ^	0.10
TOTAL	**9,872**	**99**				
Pyroxasulfone (herbicide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.015
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.015
TOTAL	**1,907**	**0**				
Quinalphos (insecticide)						
Cherries, Fresh	232	0			0.003 ^	NT
Cherries, Frozen	453	0			0.003 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.003 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**4,126**	**0**				
Quinoxyfen (fungicide)						
Apples	708	0			0.020 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	707	209	29.6	0.003 - 0.10	0.002 ^	2.0
Lettuce	378	1	0.3	0.32 ^	0.020 ^	19
Nectarines	578	1	0.2	0.008 ^	0.001 - 0.003	0.70
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	0.70
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	122	17.3	0.002 - 0.23	0.001 - 0.003	1.0
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	13	1.8	0.002 - 0.009	0.001 ^	1.7
Watermelon	370	0			0.020 ^	0.08
TOTAL	**7,027**	**346**				
Quintozene - PCNB (fungicide) (parent of HCB, PCA, PCB and PCPMS)						
Apples	649	0			0.004 ^	NT
Cherries, Fresh	232	0			0.021 ^	NT
Cherries, Frozen	453	0			0.021 ^	NT
Cucumbers (V-1)	378	1	0.3	0.018 ^	0.005 ^	NT
Grapefruit	177	0			0.005 - 0.025	NT
Green Beans	724	0			0.025 ^	0.1
Lettuce	347	0			0.004 ^	NT
Nectarines	578	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	EPA Tolerance Level, ppm
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	16	2.3	0.002 - 0.025	0.001 ^	0.1
Spinach	708	0			0.001 - 0.021	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.025	NT
Sweet Corn, Frozen	65	0			0.005 - 0.025	NT
Tomatoes	708	0			0.001 - 0.003	0.1
Watermelon	370	0			0.004 ^	NT
TOTAL	**8,339**	**17**				
Quizalofop (metabolite of Quizalofop ethyl)						
Grapefruit	90	0			0.050 ^	NT
Nectarines	578	0			0.050 ^	NT
Strawberries	706	0			0.050 ^	NT
Sweet Corn, Fresh	250	0			0.050 ^	NT
Sweet Corn, Frozen	20	0			0.050 ^	NT
TOTAL	**1,644**	**0**				
Quizalofop ethyl (herbicide)						
Grapefruit	148	0			0.001 - 0.005	NT
Green Beans	754	0			0.35 ^	0.25
Nectarines	578	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
TOTAL	**2,719**	**0**				
Resmethrin (insecticide)						
Cherries, Fresh	232	0			0.028 ^	3.0
Cherries, Frozen	453	0			0.028 ^	3.0
Cucumbers	335	0			0.020 ^	3.0
Grapefruit	177	0			0.003 - 0.005	3.0
Grapes	708	0			0.002 ^	3.0
Green Beans	598	0			0.20 ^	3.0
Nectarines	578	0			0.003 - 0.010	3.0
Oranges	707	0			0.020 ^	3.0
Peaches	362	0			0.020 ^	3.0
Pears	705	0			0.002 ^	3.0
Spinach	350	0			0.056 ^	3.0
Strawberries	706	0			0.003 - 0.010	3.0
Sweet Corn, Fresh	468	0			0.005 - 0.010	3.0
Sweet Corn, Frozen	65	0			0.005 - 0.010	3.0
TOTAL	**6,444**	**0**				
Resmethrin cis (isomer of Resmethrin)						
Apples	708	0			0.050 ^	3.0
Lettuce	378	0			0.050 ^	3.0
Potatoes	707	0			0.002 ^	3.0
Spinach	358	0			0.008 ^	3.0
Tomatoes	708	0			0.002 ^	3.0
Watermelon	370	0			0.050 ^	3.0
TOTAL	**3,229**	**0**				

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
Resmethrin trans (isomer of Resmethrin)						
Apples	708	0			0.050 ^	3.0
Lettuce	378	0			0.050 ^	3.0
Potatoes	707	0			0.002 ^	3.0
Spinach	358	0			0.008 ^	3.0
Tomatoes	708	0			0.002 ^	3.0
Watermelon	370	0			0.050 ^	3.0
TOTAL	**3,229**	**0**				
Rimsulfuron (herbicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.003 - 0.005	0.01
Grapes	708	0			0.010 ^	0.01
Nectarines	578	0			0.003 - 0.005	0.01
Oranges	707	0			0.010 ^	0.01
Pears	705	0			0.010 ^	0.01
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**4,229**	**0**				
Rotenone (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.020	NT
Strawberries	706	0			0.003 - 0.020	NT
Sweet Corn, Fresh	250	0			0.020 ^	NT
Sweet Corn, Frozen	20	0			0.020 ^	NT
TOTAL	**1,644**	**0**				
Saflufenacil (herbicide)						
Apples	708	0			0.010 ^	0.03
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.003 - 0.010	0.03
Grapes	708	0			0.010 ^	0.03
Green Beans	754	0			0.010 ^	0.03
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 - 0.010	0.03
Oranges	707	0			0.005 ^	0.03
Pears	705	0			0.010 ^	0.03
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	468	0			0.010 ^	0.03
Sweet Corn, Frozen	65	0			0.010 ^	0.03
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,702**	**0**				
Sedaxane (fungicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	0.01
Sweet Corn, Frozen	20	0			0.005 ^	0.01
TOTAL	**1,644**	**0**				

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
Sethoxydim (herbicide)						
Apples	708	0			0.003 ^	0.2
Cherries, Fresh	232	0			0.007 ^	0.2
Cherries, Frozen	453	0			0.007 ^	0.2
Grapefruit	177	0			0.003 - 0.005	0.5
Grapes	708	0			0.001 ^	1.0
Green Beans	722	0			0.005 ^	15
Lettuce	378	0			0.003 ^	4.0
Nectarines	578	0			0.003 - 0.005	0.2
Pears	705	0			0.001 ^	0.2
Spinach	350	0			0.013 ^	4.0
Strawberries	706	0			0.003 - 0.005	10
Sweet Corn, Fresh	468	0			0.005 ^	0.4
Sweet Corn, Frozen	65	0			0.005 ^	0.4
Watermelon	370	0			0.003 ^	4.0
TOTAL	**6,620**	**0**				
Simazine (herbicide)						
Apples	708	0			0.005 ^	0.20
Cherries, Fresh	232	0			0.005 ^	0.25
Cherries, Frozen	453	0			0.005 ^	0.25
Grapefruit	177	0			0.001 - 0.010	0.25
Grapes	708	0			0.004 ^	0.20
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.001 - 0.003	0.20
Pears	705	0			0.004 ^	0.25
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.005	NT
Strawberries	706	0			0.001 - 0.003	0.25
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.25
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.25
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,671**	**0**				
Spinetoram (insecticide)						
Apples	708	12	1.7	0.004 - 0.007	0.003 ^	0.20
Cherries, Fresh	232	12	5.2	0.007 - 0.018	0.005 ^	0.30
Cherries, Frozen	453	17	3.8	0.005 - 0.012	0.005 ^	0.20
Cucumbers	378	0			0.010 ^	0.30
Grapefruit	177	0			0.001 - 0.010	0.30
Grapes	708	0			0.020 ^	0.50
Green Beans	723	16	2.2	0.001 - 0.007	0.001 ^	0.30
Lettuce	378	29	7.7	0.004 - 0.082	0.003 ^	8.0
Nectarines	578	134	23.2	0.010 - 0.12	0.010 ^	0.30
Oranges	707	0			0.010 ^	0.30
Pears	705	24	3.4	0.033 ^	0.020 ^	0.20
Potatoes	707	0			0.001 ^	0.10
Spinach	708	392	55.4	0.002 - 0.38	0.001 - 0.005	8.0
Strawberries	706	60	8.5	0.010 - 0.15	0.010 ^	1.0
Sweet Corn, Fresh	468	0			0.001 - 0.010	0.04
Sweet Corn, Frozen	65	0			0.001 - 0.010	0.04
Tomatoes	708	5	0.7	0.002 - 0.003	0.001 ^	0.40
Watermelon	370	0			0.003 ^	0.30
TOTAL	**9,479**	**701**				

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
Spinosad (insecticide) (total of spinosyns A and D)						
Cucumbers	378	6	1.6	0.005 - 0.39	0.004 ^	0.3
Grapefruit	177	0			0.002 - 0.003	0.30
Grapes	708	31	4.4	0.010 - 0.047	0.006 ^	0.50
Green Beans	754	1	0.1	0.005 ^	0.002 ^	0.30
Nectarines	578	221	38.2	0.003 - 0.10	0.003 ^	0.20
Oranges	707	0			0.004 ^	0.30
Pears	705	2	0.3	0.010 ^	0.006 ^	0.20
Potatoes	707	0			0.001 ^	0.10
Spinach	358	54	15.1	0.002 - 1.1	0.001 ^	8.0
Strawberries	706	30	4.2	0.003 - 0.22	0.003 ^	0.90
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.02
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.02
Tomatoes	708	11	1.6	0.002 - 0.075	0.001 ^	0.40
TOTAL	**7,019**	**356**				
Spinosad A (isomer of Spinosad)						
Apples	708	1	0.1	0.003 ^	0.003 ^	0.20
Cherries, Fresh	232	99	42.7	0.003 - 0.065	0.003 ^	0.20
Cherries, Frozen	453	79	17.4	0.003 - 0.064	0.003 ^	0.20
Lettuce	378	0			0.003 ^	8.0
Spinach	350	50	14.3	0.003 - 0.64	0.003 ^	8.0
Watermelon	370	0			0.003 ^	0.3
TOTAL	**2,491**	**229**				
Spinosad D (isomer of Spinosad)						
Cherries, Fresh	232	24	10.3	0.003 - 0.009	0.003 ^	0.20
Cherries, Frozen	453	13	2.9	0.003 - 0.011	0.003 ^	0.20
Spinach	350	16	4.6	0.003 - 0.15	0.003 ^	8.0
TOTAL	**1,035**	**53**				
Spirodiclofen (acaricide)						
Apples	708	137	19.4	0.010 - 0.22	0.010 ^	0.80
Cherries, Fresh	232	4	1.7	0.007 - 0.009	0.006 ^	1.0
Cherries, Frozen	453	0			0.006 ^	1.0
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.003 - 0.005	0.50
Grapes	707	17	2.4	0.008 - 0.099	0.005 ^	2.0
Lettuce	378	0			0.010 ^	NT
Nectarines	578	114	19.7	0.006 - 0.14	0.003 - 0.005	1.0
Oranges	707	0			0.010 ^	0.50
Peaches	362	30	8.3	0.010 - 0.15	0.010 ^	1.0
Pears	704	104	14.8	0.008 - 0.19	0.005 ^	0.80
Spinach	350	0			0.006 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	339	0			0.010 ^	NT
TOTAL	**7,049**	**406**				

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
Spiromesifen Total (parent + enol metabolite) (insecticide)						
Potatoes	628	0			0.002 - 0.008	0.02
Spinach	358	0			0.002 ^	12
Tomatoes	59	3	5.1	0.004 - 0.23	0.002 ^	0.45
TOTAL	**1,045**	**3**				
Spiromesifen (insecticide)						
Apples	590	0			0.010 ^	NT
Cucumbers	378	2	0.5	0.003 - 0.011	0.002 ^	0.10
Grapefruit	177	0			0.003 - 0.020	NT
Green Beans	754	0			0.020 ^	0.80
Lettuce	346	0			0.010 ^	12
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.002 ^	NT
Peaches	362	0			0.002 ^	NT
Strawberries	706	53	7.5	0.003 - 0.76	0.003 ^	2.0
Sweet Corn, Fresh	468	1	0.2	0.003 ^	0.003 - 0.020	0.02
Sweet Corn, Frozen	65	0			0.003 - 0.020	0.02
Watermelon	224	0			0.010 ^	0.10
TOTAL	**5,355**	**56**				
Spiromesifen alcohol (metabolite of Spiromesifen)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 ^	NT
Strawberries	706	107	15.2	0.001 - 0.20	0.001 ^	2.0
Sweet Corn, Fresh	250	1	0.4	0.001 ^	0.001 ^	0.02
Sweet Corn, Frozen	20	0			0.001 ^	0.02
TOTAL	**1,644**	**108**				
Spirotetramat (insecticide)						
Apples	708	1	0.1	0.003 ^	0.002 ^	0.70
Grapefruit	177	0			0.001 ^	0.60
Grapes	708	133	18.8	0.003 - 0.055	0.002 ^	1.3
Green Beans	754	0			0.001 ^	2.5
Lettuce	378	17	4.5	0.003 - 0.19	0.002 ^	9.0
Nectarines	578	1	0.2	0.003 ^	0.001 - 0.003	4.5
Pears	704	112	15.9	0.003 - 0.046	0.002 ^	0.70
Potatoes	707	0			0.002 - 0.005	0.60
Spinach	358	7	2	0.003 - 0.019	0.002 ^	9.0
Strawberries	706	0			0.001 - 0.003	0.40
Sweet Corn, Fresh	468	0			0.001 - 0.003	1.5
Sweet Corn, Frozen	65	0			0.001 - 0.003	1.5
Watermelon	370	0			0.002 ^	0.30
TOTAL	**6,681**	**271**				
Spiroxamine (fungicide)						
Apples	649	0			0.010 ^	NT
Cherries, Fresh	232	0			0.003 ^	NT
Cherries, Frozen	453	0			0.003 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Grapes	708	6	0.8	0.002 - 0.011	0.001 ^	1.0
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	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	EPA Tolerance Level, ppm
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.003 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**6,231**	**6**				
Sulfallate (herbicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Sulfentrazone (herbicide)						
Cherries, Fresh	232	0			0.035 ^	NT
Cherries, Frozen	453	0			0.035 ^	NT
Grapefruit	177	0			0.010 - 0.015	0.15
Grapes	708	0			0.020 ^	0.15
Green Beans	754	0			0.015 ^	NT
Nectarines	578	0			0.010 ^	NT
Spinach	350	0			0.035 ^	NT
Strawberries	706	0			0.010 ^	0.15
Sweet Corn, Fresh	468	0			0.010 - 0.015	NT
Sweet Corn, Frozen	65	0			0.010 - 0.015	NT
TOTAL	**4,491**	**0**				
Sulfoxaflor (insecticide)						
Grapefruit	177	7	4	0.003 - 0.005	0.003 - 0.10	0.70
Nectarines	578	0			0.003 ^	3.0
Potatoes	707	0			0.001 - 0.002	0.05
Spinach	358	20	5.6	0.003 - 0.57	0.001 - 0.002	6.0
Strawberries	706	3	0.4	0.015 - 0.092	0.003 ^	0.70
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	64	9	0.002 - 0.088	0.001 - 0.002	0.70
TOTAL	**3,504**	**94**				
Sulprofos (insecticide)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.002 ^	NT
TOTAL	**3,417**	**0**				
TCMTB (fungicide)						
Grapefruit	177	0			0.005 - 0.010	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	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	EPA Tolerance Level, ppm
Sweet Corn, Fresh	218	0			0.005 ^	NT
Sweet Corn, Frozen	45	0			0.005 ^	NT
TOTAL	**1,724**	**0**				
Tebuconazole (fungicide)						
Apples	708	0			0.010 ^	0.05
Cherries, Fresh	232	70	30.2	0.016 - 2.3	0.012 ^	5.0
Cherries, Frozen	453	152	33.6	0.012 - 1.2	0.012 ^	5.0
Cucumbers	378	1	0.3	0.007 ^	0.005 ^	0.4
Grapefruit	177	0			0.005 ^	NT
Grapes	708	265	37.4	0.003 - 1.2	0.002 ^	5.0
Green Beans	754	40	5.3	0.001 - 0.12	0.001 ^	0.1
Lettuce	378	0			0.010 ^	NT
Nectarines	578	171	29.6	0.003 - 1.0	0.003 - 0.005	1.0
Oranges	707	0			0.005 ^	1.0
Peaches	362	141	39	0.005 - 0.87	0.005 ^	1.0
Pears	705	2	0.3	0.003 - 0.009	0.002 ^	0.05
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.006 - 0.012	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.5
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.5
Tomatoes	708	14	2	0.003 - 0.082	0.002 ^	1.3
Watermelon	370	0			0.010 ^	0.4
TOTAL	**9,872**	**856**				
Tebufenozide (insecticide)						
Apples	708	3	0.4	0.008 - 0.025	0.002 ^	1.0
Cherries, Fresh	232	0			0.003 ^	NT
Cherries, Frozen	453	0			0.003 ^	NT
Cucumbers (V-1)	378	1	0.3	0.010 ^	0.005 ^	NT
Grapefruit	177	0			0.005 - 0.020	0.80
Grapes	708	2	0.3	0.021 - 0.034	0.002 ^	3.0
Lettuce	378	0			0.002 ^	10.0
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.005 ^	0.80
Peaches	362	0			0.050 ^	NT
Pears	705	0			0.002 ^	1.5
Potatoes	707	0			0.003 - 0.010	NT
Spinach	708	1	0.1	0.003 ^	0.003 ^	10.0
Strawberries	706	0			0.005 ^	3.0
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	7	1	0.005 - 0.018	0.003 - 0.020	1.0
Watermelon	370	0			0.002 ^	NT
TOTAL	**8,855**	**14**				
Tebufenpyrad (insecticide, acaricide)						
Apples	413	0			0.010 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen (V-1)	453	1	0.2	0.010 ^	0.005 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Oranges	707	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	EPA Tolerance Level, ppm
Peaches	362	0			0.010 ^	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**4,909**	**1**				
Tebuthiuron (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**3,417**	**0**				
Tecnazene (plant growth regulator)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**4,864**	**0**				
Teflubenzuron (insecticide)						
Cherries, Fresh	232	0			0.010 ^	NT
Cherries, Frozen	453	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Spinach	350	0			0.010 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**2,679**	**0**				
Tefluthrin (insecticide)						
Apples	708	0			0.002 ^	NT
Cherries, Fresh	232	0			0.009 ^	NT
Cherries, Frozen	453	0			0.009 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.010	NT
Grapes	708	0			0.007 ^	NT
Green Beans	754	0			0.050 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	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	EPA Tolerance Level, ppm
Peaches	362	0			0.005 ^	NT
Pears	705	0			0.007 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.009	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.06
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.06
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.002 ^	NT
TOTAL	**9,872**	**0**				
Tepraloxydim (herbicide)						
Grapefruit	177	0			0.005 - 0.010	NT
Green Beans	754	0			0.005 ^	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	NT
Sweet Corn, Frozen	65	0			0.005 - 0.010	NT
TOTAL	**2,748**	**0**				
Terbacil (herbicide)						
Apples	708	0			0.010 ^	0.3
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.008 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.005 ^	0.2
Oranges	707	0			0.008 ^	NT
Peaches	362	0			0.008 ^	0.2
Potatoes	707	0			0.003 ^	NT
Spinach	708	0			0.003 - 0.020	NT
Strawberries	706	0			0.005 ^	0.1
Sweet Corn, Fresh	165	0			0.005 ^	NT
Sweet Corn, Frozen	15	0			0.005 ^	NT
Tomatoes	708	0			0.003 ^	NT
Watermelon	370	0			0.010 ^	1.0
TOTAL	**7,175**	**0**				
Terbufos (insecticide)						
Grapefruit	177	0			0.003 - 0.005	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.05
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.05
TOTAL	**1,994**	**0**				
Terbufos oxygen analog (metabolite of Terbufos)						
Grapefruit	87	0			0.001 ^	NT
Nectarines	360	0			0.003 ^	NT
Strawberries	384	0			0.003 ^	NT
Sweet Corn, Fresh	409	0			0.001 - 0.003	0.05
Sweet Corn, Frozen	64	0			0.001 - 0.003	0.05
TOTAL	**1,304**	**0**				

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
Terbufos oxygen analog sulfone (metabolite of Terbufos)						
Grapefruit	177	0			0.005 - 0.010	NT
Nectarines	578	0			0.010 ^	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.05
TOTAL	**1,994**	**0**				
Terbufos oxygen analog sulfoxide (metabolite of Terbufos)						
Grapefruit	87	0			0.005 ^	NT
Sweet Corn, Fresh	218	0			0.005 ^	0.05
Sweet Corn, Frozen	45	0			0.005 ^	0.05
TOTAL	**350**	**0**				
Terbufos sulfone (metabolite of Terbufos)						
Grapefruit	177	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	358	0			0.002 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	468	0			0.005 ^	0.05
Sweet Corn, Frozen	65	0			0.005 ^	0.05
Tomatoes	708	0			0.002 ^	NT
TOTAL	**3,767**	**0**				
Terbufos sulfoxide (metabolite of Terbufos)						
Grapefruit	177	0			0.002 - 0.003	NT
Nectarines	578	0			0.003 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	468	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	65	0			0.002 - 0.003	0.05
TOTAL	**1,994**	**0**				
Terbuthylazine (herbicide)						
Cherries, Fresh	232	0			0.002 ^	NT
Cherries, Frozen	453	0			0.002 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.002 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**4,126**	**0**				
Tetrachlorvinphos (insecticide)						
Grapefruit	177	0			0.001 - 0.005	NT
Green Beans	754	0			0.005 ^	NT
Nectarines	578	0			0.001 - 0.005	NT
Potatoes	707	0			0.003 ^	NT
Spinach	358	0			0.003 ^	NT
Strawberries	706	0			0.001 - 0.005	NT
Sweet Corn, Fresh	468	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	EPA Tolerance Level, ppm
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	0			0.003 ^	NT
TOTAL	**4,521**	**0**				
Tetraconazole (fungicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.005 ^	NT
Grapes	708	53	7.5	0.003 - 0.12	0.002 ^	0.20
Lettuce	378	0			0.010 ^	NT
Nectarines (V-1)	578	1	0.2	0.16 ^	0.003 - 0.005	NT
Potatoes	707	0			0.001 ^	NT
Spinach (V-6)	358	6	1.7	0.002 - 0.008	0.001 ^	NT
Strawberries (X-1)	706	74	10.5	0.003 - 0.27	0.003 - 0.005	0.25
Sweet Corn, Fresh	220	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**5,551**	**134**				
Tetradifon (insecticide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.020 ^	NT
Cherries, Frozen	453	0			0.020 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.010 ^	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.010 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.002 ^	NT
Spinach	708	0			0.002 - 0.020	NT
Strawberries	706	0			0.010 ^	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.002 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**7,355**	**0**				
Tetrahydrophthalimide - THPI (metabolite of Captafol and Captan)						
Apples	708	102	14.4	0.010 - 1.5	0.010 ^	25.0
Grapefruit	90	0			0.020 ^	NT
Lettuce	378	1	0.3	0.014 ^	0.010 ^	0.05
Nectarines	578	17	2.9	0.011 - 0.69	0.010 - 0.020	25.0
Potatoes	707	3	0.4	0.006 ^	0.004 ^	0.05
Spinach	358	1	0.3	0.006 ^	0.004 ^	0.05
Strawberries	706	372	52.7	0.011 - 8.4	0.010 - 0.020	20.0
Sweet Corn, Fresh	250	0			0.010 ^	0.05
Sweet Corn, Frozen	20	0			0.010 ^	0.05
Tomatoes (X-1)	688	37	5.4	0.006 - 0.12	0.004 - 0.012	0.05
Watermelon	370	0			0.010 ^	0.05
TOTAL	**4,853**	**533**				
Tetramethrin (insecticide)						
Apples	708	0			0.005 ^	NT
Cherries, Fresh	232	0			0.10 ^	NT

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
Cherries, Frozen	453	0			0.10 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.010	NT
Grapes	708	0			0.002 ^	NT
Green Beans	754	0			0.050 ^	NT
Lettuce	378	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Pears	705	0			0.002 ^	NT
Spinach	350	0			0.10 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Watermelon	370	0			0.005 ^	NT
TOTAL	**7,836**	**0**				
Thiabendazole (fungicide) (parent of 5-hydroxythiabendazole)						
Apples	708	479	67.7	0.002 - 3.5	0.002 ^	5.0
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.010 ^	0.02
Grapefruit	177	121	68.4	0.008 - 0.14	0.001 - 0.016	10.0
Grapes	708	0			0.003 ^	NT
Lettuce	378	0			0.002 ^	NT
Nectarines (V-38)	578	38	6.6	0.002 - 0.043	0.001 - 0.003	NT
Oranges	707	536	75.8	0.010 - 0.50	0.010 ^	10.0
Peaches (V-6)	362	6	1.7	0.011 - 0.031	0.010 ^	NT
Pears	703	258	36.7	0.005 - 3.7	0.003 ^	5.0
Potatoes	707	35	5	0.002 - 1.8	0.001 ^	10.0
Spinach	693	0			0.001 - 0.005	0.02
Strawberries	706	8	1.1	0.003 - 0.16	0.001 - 0.003	5.0
Sweet Corn, Fresh	468	0			0.003 - 0.008	0.01
Sweet Corn, Frozen	65	0			0.003 - 0.008	0.01
Tomatoes (V-1)	708	1	0.1	0.006 ^	0.001 ^	NT
Watermelon (X-1)	370	1	0.3	0.043 ^	0.002 ^	0.02
TOTAL	**9,101**	**1,483**				
Thiacloprid (insecticide)						
Apples	708	86	12.1	0.001 - 0.029	0.001 ^	0.30
Cherries, Fresh	232	1	0.4	0.010 ^	0.005 ^	0.5
Cherries, Frozen	453	84	18.5	0.005 - 0.12	0.005 ^	0.5
Cucumbers (V-1)	378	1	0.3	0.032 ^	0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Nectarines	578	32	5.5	0.003 - 0.055	0.001 - 0.003	0.5
Oranges	707	0			0.010 ^	NT
Peaches	362	14	3.9	0.019 - 0.085	0.010 ^	0.5
Pears (X-1)	705	41	5.8	0.008 - 0.34	0.005 ^	0.30
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.005	NT
Strawberries (V-1)	706	1	0.1	0.069 ^	0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	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	EPA Tolerance Level, ppm
Tomatoes (V-3)	708	3	0.4	0.006 - 0.027	0.001 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**8,060**	**263**				
Thiamethoxam (insecticide) (also a parent of Clothianidin)						
Apples	708	7	1	0.004 - 0.018	0.003 ^	0.2
Cherries, Fresh	232	12	5.2	0.005 - 0.068	0.005 ^	0.5
Cherries, Frozen	453	138	30.5	0.006 - 0.23	0.005 ^	0.5
Cucumbers	378	30	7.9	0.010 - 0.11	0.010 ^	0.2
Grapefruit	177	6	3.4	0.001 - 0.011	0.001 - 0.005	0.40
Grapes	708	0			0.025 ^	0.20
Green Beans	754	0			0.005 ^	0.02
Lettuce	378	83	22	0.003 - 0.046	0.003 ^	4.0
Nectarines	578	0			0.001 - 0.003	0.5
Oranges	707	0			0.010 ^	0.40
Peaches	362	0			0.010 ^	0.5
Pears	705	0			0.025 ^	0.2
Potatoes	707	49	6.9	0.008 - 0.049	0.005 ^	0.25
Spinach	708	18	2.5	0.005 - 0.19	0.005 ^	4.0
Strawberries	706	120	17	0.001 - 0.14	0.001 - 0.003	0.30
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.02
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.02
Tomatoes	708	38	5.4	0.008 - 0.017	0.005 ^	0.25
Watermelon	370	52	14.1	0.003 - 0.069	0.003 ^	0.2
TOTAL	**9,872**	**553**				
Thiazopyr (herbicide)						
Apples	708	0			0.008 ^	NT
Grapefruit	177	0			0.001 - 0.003	0.05
Lettuce	378	0			0.008 ^	NT
Strawberries	174	0			0.003 ^	NT
Watermelon	370	0			0.008 ^	NT
TOTAL	**1,807**	**0**				
Thifensulfuron methyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 ^	NT
Strawberries	706	0			0.001 ^	NT
Sweet Corn, Fresh	250	0			0.001 ^	NT
Sweet Corn, Frozen	20	0			0.001 ^	NT
TOTAL	**1,644**	**0**				
Thiobencarb (herbicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.003 ^	NT
Lettuce	378	0			0.010 ^	0.2
Nectarines	578	0			0.003 - 0.005	NT
Potatoes	707	0			0.001 ^	NT
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**4,873**	**0**				

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
Thiodicarb (insecticide)						
Apples	708	0			0.003 ^	NT
Grapefruit	90	0			0.010 ^	NT
Lettuce	378	1	0.3	0.003 ^	0.003 ^	35
Nectarines	578	0			0.010 ^	NT
Spinach	350	0			0.010 ^	35
Strawberries	706	0			0.010 ^	NT
Watermelon	370	0			0.003 ^	NT
TOTAL	**3,180**	**1**				
Thionazin (insecticide, fumigant)						
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Thiophanate methyl (fungicide)						
Grapefruit	87	0			0.005 ^	NT
Green Beans	754	18	2.4	0.007 - 0.071	0.005 ^	2.0
Sweet Corn, Fresh	218	0			0.005 ^	NT
Sweet Corn, Frozen	45	0			0.005 ^	NT
TOTAL	**1,104**	**18**				
Tolclofos methyl (fungicide)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 - 0.010	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
TOTAL	**1,644**	**0**				
Tolfenpyrad (insecticide)						
Grapefruit	90	0			0.005 ^	1.5
Nectarines	578	0			0.005 ^	2.0
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
TOTAL	**1,644**	**0**				
Tolylfluanid (fungicide)						
Cherries, Fresh	232	0			0.048 - 0.24	NT
Cherries, Frozen	453	0			0.048 - 0.24	NT
Grapes	708	0			0.030 ^	11
TOTAL	**1,393**	**0**				
Topramezone (herbicide)						
Grapefruit	87	0			0.25 ^	NT
Sweet Corn, Fresh	218	0			0.25 ^	0.01
Sweet Corn, Frozen	45	0			0.25 ^	0.01
TOTAL	**350**	**0**				

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
Tri-Allate (herbicide)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.005 ^	NT
Green Beans	754	0			0.008 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.003 - 0.075	NT
Sweet Corn, Frozen	65	0			0.003 - 0.075	NT
TOTAL	**4,108**	**0**				
Triadimefon (fungicide) (also a parent of Triadimenol)						
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	90	0			0.003 ^	NT
Nectarines	578	0			0.003 - 0.010	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.005	NT
Strawberries	706	0			0.003 - 0.010	NT
Sweet Corn, Fresh	250	0			0.010 ^	NT
Sweet Corn, Frozen	20	0			0.010 ^	NT
Tomatoes	708	0			0.001 ^	NT
TOTAL	**5,899**	**0**				
Triadimenol (fungicide) (also a metabolite of Triadimefon)						
Cherries, Fresh	232	0			0.017 ^	NT
Cherries, Frozen	453	0			0.017 ^	NT
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 - 0.020	NT
Grapes (V-1)	708	1	0.1	0.23 ^	0.010 ^	NT
Nectarines	578	0			0.020 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Spinach	350	0			0.017 ^	NT
Strawberries	706	0			0.020 ^	NT
Sweet Corn, Fresh	468	0			0.005 - 0.020	0.05
Sweet Corn, Frozen	65	0			0.005 - 0.020	0.05
TOTAL	**5,184**	**1**				
Triazophos (insecticide)						
Apples	413	0			0.001 ^	NT
Cherries, Fresh	232	0			0.005 ^	NT
Cherries, Frozen	453	0			0.005 ^	NT
Cucumbers	378	0			0.010 ^	NT
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	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	EPA Tolerance Level, ppm
Sweet Corn, Frozen	20	0			0.003 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**4,559**	**0**				
Tribenuron methyl (herbicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	250	0			0.003 ^	NT
Sweet Corn, Frozen	20	0			0.003 ^	NT
TOTAL	**1,644**	**0**				
Trichlorfon (insecticide)						
Apples	708	0			0.010 ^	NT
Grapefruit	177	0			0.003 - 0.020	NT
Lettuce	378	0			0.010 ^	NT
Nectarines	578	0			0.003 ^	NT
Strawberries (V-3)	706	3	0.4	0.003 - 0.004	0.003 ^	NT
Sweet Corn, Fresh	468	0			0.003 - 0.020	NT
Sweet Corn, Frozen	65	0			0.003 - 0.020	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,450**	**3**				
Triclopyr (herbicide)						
Grapefruit	90	0			0.25 ^	NT
Nectarines	578	0			0.25 ^	NT
Strawberries	706	0			0.25 ^	NT
Sweet Corn, Fresh	250	0			0.25 ^	NT
Sweet Corn, Frozen	20	0			0.25 ^	NT
TOTAL	**1,644**	**0**				
Tricyclazole (fungicide)						
Grapefruit	90	0			0.001 ^	NT
Nectarines	578	0			0.001 ^	NT
Strawberries	706	0			0.001 ^	NT
Sweet Corn, Fresh	250	0			0.001 ^	NT
Sweet Corn, Frozen	20	0			0.001 ^	NT
TOTAL	**1,644**	**0**				
Trifloxystrobin (fungicide)						
Apples	708	40	5.6	0.002 - 0.028	0.002 ^	0.5
Cherries, Fresh	232	59	25.4	0.006 - 0.14	0.005 ^	2
Cherries, Frozen	453	178	39.3	0.005 - 0.24	0.005 ^	2
Cucumbers	378	0			0.005 ^	0.50
Grapefruit	177	0			0.001 ^	0.6
Grapes	708	166	23.4	0.005 - 0.094	0.003 ^	2.0
Green Beans (V-3)	754	3	0.4	0.004 - 0.019	0.001 ^	NT
Lettuce	378	0			0.002 ^	30
Nectarines	578	32	5.5	0.001 - 0.050	0.001 - 0.003	2
Oranges	707	0			0.005 ^	0.6
Peaches	362	4	1.1	0.007 - 0.021	0.005 ^	2
Pears	705	1	0.1	0.005 ^	0.003 ^	0.5
Potatoes	707	0			0.001 ^	0.04
Spinach	708	0			0.001 - 0.005	30
Strawberries	706	27	3.8	0.002 - 0.15	0.001 - 0.003	1.5

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
Sweet Corn, Fresh	468	0			0.001 - 0.003	0.04
Sweet Corn, Frozen	65	0			0.001 - 0.003	0.04
Tomatoes	708	9	1.3	0.002 - 0.049	0.001 ^	0.5
Watermelon	370	0			0.002 ^	0.50
TOTAL	**9,872**	**519**				
Trifloxysulfuron (herbicide)						
Apples	708	0			0.020 ^	NT
Grapefruit	177	0			0.001 - 0.005	0.03
Lettuce	378	0			0.020 ^	NT
Strawberries	174	0			0.001 ^	NT
Watermelon	370	0			0.020 ^	NT
TOTAL	**1,807**	**0**				
Triflumizole (fungicide)						
Apples	708	0			0.010 ^	0.50
Cherries, Fresh	232	93	40.1	0.002 - 0.42	0.002 ^	1.5
Cherries, Frozen	453	96	21.2	0.002 - 0.22	0.002 ^	1.5
Cucumbers	378	2	0.5	0.016 - 0.021	0.003 ^	0.5
Grapefruit	177	0			0.003 - 0.005	NT
Grapes	708	31	4.4	0.002 - 0.047	0.001 ^	2.5
Green Beans	754	0			0.001 ^	NT
Lettuce	378	0			0.010 ^	35
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.003 ^	NT
Peaches	362	0			0.003 ^	NT
Pears	705	0			0.001 ^	0.50
Spinach	350	0			0.002 ^	NT
Strawberries	706	57	8.1	0.003 - 0.24	0.003 - 0.005	2.0
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Watermelon	370	0			0.010 ^	0.5
TOTAL	**8,099**	**279**				
Trifluralin (herbicide)						
Apples	708	0			0.001 ^	NT
Cherries, Fresh	232	0			0.009 ^	0.05
Cherries, Frozen	453	0			0.009 ^	0.05
Cucumbers	378	0			0.005 ^	0.05
Grapefruit	177	0			0.005 - 0.010	0.05
Grapes	708	0			0.002 ^	0.05
Green Beans	754	0			0.005 ^	0.05
Lettuce	378	0			0.001 ^	NT
Nectarines	578	0			0.005 - 0.010	0.05
Oranges	707	0			0.005 ^	0.05
Peaches	362	0			0.005 ^	0.05
Potatoes	707	0			0.001 ^	0.05
Spinach (V-1)	708	1	0.1	0.005 ^	0.001 - 0.009	NT
Strawberries	706	0			0.005 - 0.010	NT
Sweet Corn, Fresh	468	0			0.005 ^	NT
Sweet Corn, Frozen	65	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	0.05
Watermelon	370	0			0.001 ^	0.05
TOTAL	**9,167**	**1**				

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
Triforine (fungicide)						
Apples	708	0			0.010 ^	NT
Grapefruit	90	0			0.10 ^	NT
Lettuce (V-1)	378	1	0.3	0.017 ^	0.010 ^	NT
Nectarines	578	0			0.10 ^	NT
Strawberries	706	0			0.10 ^	NT
Sweet Corn, Fresh	250	0			0.10 ^	NT
Sweet Corn, Frozen	20	0			0.10 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**3,100**	**1**				
Triticonazole (fungicide)						
Cucumbers	378	0			0.010 ^	NT
Grapefruit	177	0			0.005 - 0.025	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
Strawberries	706	0			0.003 - 0.005	NT
Sweet Corn, Fresh	468	0			0.003 - 0.025	0.01
Sweet Corn, Frozen	65	0			0.003 - 0.025	0.01
TOTAL	**3,441**	**0**				
Uniconazole (insect growth regulator)						
Grapefruit	90	0			0.005 ^	NT
Nectarines	578	0			0.005 ^	NT
Strawberries	706	0			0.005 ^	NT
Sweet Corn, Fresh	109	0			0.005 ^	NT
Sweet Corn, Frozen	11	0			0.005 ^	NT
TOTAL	**1,494**	**0**				
Vernolate (herbicide)						
Cucumbers	378	0			0.010 ^	NT
Oranges	707	0			0.010 ^	NT
Peaches	362	0			0.010 ^	NT
TOTAL	**1,447**	**0**				
Vinclozolin (fungicide)						
Apples	708	0			0.010 ^	NT
Cherries, Fresh	232	0			0.010 ^	25.0
Cherries, Frozen	453	0			0.010 ^	25.0
Cucumbers	378	0			0.005 ^	1.0
Grapefruit	90	0			0.005 ^	NT
Grapes	708	0			0.002 ^	6.0
Lettuce	378	0			0.010 ^	10.0
Nectarines	578	0			0.005 ^	25.0
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	25.0
Potatoes	707	0			0.001 ^	NT
Spinach	708	0			0.001 - 0.010	NT
Strawberries	706	0			0.005 ^	10.0
Sweet Corn, Fresh	250	0			0.005 ^	NT
Sweet Corn, Frozen	20	0			0.005 ^	NT
Tomatoes	708	0			0.001 ^	NT
Watermelon	370	0			0.010 ^	NT
TOTAL	**8,063**	**0**				

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
Zoxamide (fungicide)						
Grapefruit	177	0			0.001 - 0.002	NT
Green Beans	754	0			0.002 ^	NT
Nectarines	578	0			0.001 - 0.003	NT
Strawberries	706	0			0.001 - 0.003	NT
Sweet Corn, Fresh	468	0			0.002 - 0.003	NT
Sweet Corn, Frozen	65	0			0.002 - 0.003	NT
TOTAL	**2,748**	**0**				

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 2015 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

^ 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.

EX = Exempt from the requirement of a tolerance in or on all food commodities.

EX2 = Exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

EX3 = Exempt from the requirement of a tolerance when applied to growing crops, in accordance with good agricultural practice.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

1 Acequinocyl analyzed as the hydroxy metabolite.

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

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

4 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.

5 Specific tolerance established for methamidophos in green beans and lettuce as a possible result of an acephate application.

6 Propamocarb analytically determined as the salt (hydrochloride).

(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 I 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 I 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 by Pesticide in Peanut Butter

Appendix C shows residue detections for all compounds tested in peanut butter, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2015 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 2015, the Pesticide Data Program (PDP) analyzed 315 peanut butter samples. PDP detected just one pesticide in the peanut butter samples, the fungicide Pyraclostrobin,that was detected in three samples at concentrations of 0.006, 0.009, and 0.010 ppm where the established tolerance was 0.05 ppm.

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

APPENDIX C. DISTRIBUTION OF RESIDUES BY PESTICIDE IN PEANUT BUTTER

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
1-Naphthol	IM	315				0.50 ^	0.05
3-Hydroxycarbofuran	IM	315				0.025 ^	NT
Acephate	I	315				0.050 ^	0.2
Acetamiprid	I	315				0.025 ^	NT
Acetochlor	H	315				0.20 ^	0.20
Alachlor	H	315				0.10 ^	0.5
Aldicarb	I	315				0.20 ^	0.05
Aldicarb sulfone	IM	315				0.15 ^	0.05
Aldicarb sulfoxide	IM	315				0.50 ^	0.05
Avermectin	I	315				0.10 ^	0.01
Azinphos methyl oxygen analog	IM	315				0.050 ^	NT
Azoxystrobin	F	315				0.25 ^	0.2
Bendiocarb	I	315				0.050 ^	SU
Benoxacor	S	315				0.10 ^	0.01
Bifenthrin	I	315				0.025 ^	0.05
Boscalid	F	315				0.010 ^	0.05
Captan	F	315				0.20 ^	0.05
Carbaryl	I	315				0.025 ^	0.05
Carbendazim (MBC)	F	315				0.025 ^	0.1
Carbofuran	I	315				0.010 ^	NT
Carfentrazone ethyl	H	315				0.025 ^	0.10
Chlorantraniliprole	I	315				0.050 ^	0.06
Chlorfenapyr	I	315				0.010 ^	0.01
Chlorothalonil	F	315				0.025 ^	0.3
Chlorpyrifos	I	315				0.025 ^	0.2
Chlorpyrifos oxygen analog	IM	315				0.025 ^	0.2
Clethodim	H	315				0.25 ^	3.0
Clothianidin	I	315				0.025 ^	0.05
Cyfluthrin	I	315				0.10 ^	0.01
Cyhalothrin, Lambda	I	315				0.020 ^	0.05
Cypermethrin	I	315				0.10 ^	0.05
Cyphenothrin	I	315				0.50 ^	NT
Cyproconazole	F	315				0.10 ^	0.01
Dichlorvos (DDVP)	I	315				0.25 ^	0.5
Diclosulam	H	315				0.25 ^	0.020
Diflubenzuron	I	315				0.25 ^	0.10
Dimethenamid	H	315				0.10 ^	0.01
Dinotefuran	I	315				0.025 ^	0.01
EPN	I	315				0.50 ^	NT
Esfenvalerate+Fenvalerate Total	I	315				0.050 ^	0.02

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Ethalfluralin	H	315				0.025 ^	0.05
Etofenprox	I	315				0.050 ^	5.0
Etridiazole	F	315				0.10 ^	0.1
Fenbuconazole	F	315				0.050 ^	0.1
Fenoxaprop ethyl	H	315				0.15 ^	0.05
Fenpropathrin	I	315				0.050 ^	0.01
Fluazifop butyl	H	315				0.025 ^	1.5
Fludioxonil	F	315				0.50 ^	0.01
Fluometuron	H	315				0.050 ^	0.01
Flutolanil	F	315				0.10 ^	0.5
Flutriafol	F	315				0.20 ^	0.09
Fluvalinate (as Tau-Fluvalinate)	I	315				0.025 ^	NT
Fluxapyroxad	F	315				0.25 ^	0.01
Hydroprene	R	315				0.075 ^	0.2
Imidacloprid	I	315				0.025 ^	0.45
Imiprothrin	I	315				0.25 ^	NT
Indoxacarb	I	315				0.025 ^	0.01
Ipconazole	F	315				0.25 ^	0.01
Lactofen	H	315				0.10 ^	0.01
Malathion	I	315				0.10 ^	8
Malathion oxygen analog	IM	315				0.50 ^	8
Metalaxyl/Mefenoxam *	F	315				0.025 ^	0.2
Metconazole	F	315				0.10 ^	0.04
Methamidophos	I	315				0.050 ^	0.02
Methomyl	I	315				0.050 ^	0.1
Methoxyfenozide	I	315				0.025 ^	0.02
Metolachlor	H	315				0.10 ^	0.20
MGK-264	I	315				0.25 ^	5
Norflurazon	H	315				0.30 ^	0.05
Novaluron	I	315				0.30 ^	0.01
Oxamyl	I	315				0.25 ^	0.05
Oxamyl oxime	IM	315				0.25 ^	0.05
Pendimethalin	H	315				0.10 ^	0.1
Pentachlorobenzene (PCB)	FM	315				0.025 ^	1.0
Penthiopyrad	F	315				0.25 ^	0.04
Permethrin Total	I	315				0.40 ^	NT
Phenothrin	I	315				0.25 ^	0.01
Phorate sulfone	IM	315				0.20 ^	0.1
Phosmet	I	315				0.050 ^	NT
Phosmet oxygen analog	IM	315				0.10 ^	NT
Prallethrin	I	315				0.050 ^	1.0
Propargite	I	315				0.10 ^	0.1

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Propetamphos	I	315				0.30 ^	0.1
Propiconazole	F	315				0.25 ^	0.2
Pyraclostrobin	F	315	3	1	0.006 - 0.010	0.005 ^	0.05
Pyrethrins	I	315				0.40 ^	1.0
Pyriproxyfen	I	315				0.005 ^	0.20
Quintozene (PCNB)	F	315				0.025 ^	1.0
Resmethrin	I	315				0.40 ^	3.0
Sethoxydim	H	315				0.25 ^	25
Tebuconazole	F	315				0.050 ^	0.1
Tefluthrin	I	315				0.005 ^	NT
Tetraconazole	F	315				0.10 ^	0.03
Tetrahydrophthalimide (THPI)	FM	315				0.25 ^	0.05
Tetramethrin	I	315				0.025 ^	NT
Thiamethoxam	I	315				0.025 ^	0.05
Trifloxystrobin	F	315				0.050 ^	0.05
Trifluralin	H	315				0.025 ^	0.05

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 2015 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

^ = Only one distinct detected concentration or LOD value was reported for the pair.

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

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

* = 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.

Pesticide Types:

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

R = Insect Growth Regulator

S = Herbicide Safener

Appendix D

Distribution of Residues for Environmental Contaminants

Appendix D shows residue detections across all commodities for 22 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 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 appendices apply to 2015 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 the U.S. Food and Drug Administration (FDA). Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of ALs has been transferred to EPA. In the interim, ALs are used.

The Pesticide Data Program reports tolerance violations to the U.S. Food and Drug Administration (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 D. 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
Aldrin (insecticide) (parent of Dieldrin)						
Apples	708	0			0.003 ^	0.03 AL
Cherries, Fresh	232	0			0.041 ^	0.03 AL
Cherries, Frozen	453	0			0.041 ^	0.03 AL
Cucumbers	378	0			0.005 ^	0.1 AL
Grapefruit	177	0			0.010 ^	0.02 AL
Grapes	708	0			0.003 ^	0.05 AL
Green Beans	754	0			0.010 ^	0.05 AL
Lettuce	378	0			0.003 ^	0.03 AL
Nectarines	578	0			0.005 - 0.010	0.03 AL
Oranges	707	0			0.005 ^	0.02 AL
Peaches	362	0			0.005 ^	0.02 AL
Peanut Butter	315	0			0.15 ^	0.05 AL
Pears	705	0			0.003 ^	0.03 AL
Potatoes	707	0			0.001 ^	0.1 AL
Spinach	708	0			0.001 - 0.040	0.05 AL
Strawberries	706	0			0.005 - 0.010	0.05 AL
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.02 AL
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.02 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.003 ^	0.1 AL
TOTAL	**10,187**	**0**				
BHC alpha (insecticide) (isomer of BHC)						
Apples	708	0			0.012 ^	0.05 AL
Cherries, Fresh	232	0			0.007 ^	0.05 AL
Cherries, Frozen	453	0			0.007 ^	0.05 AL
Cucumbers	378	0			0.005 ^	0.05 AL
Grapefruit	177	0			0.003 - 0.005	0.05 AL
Grapes	708	0			0.001 ^	0.05 AL
Green Beans	754	0			0.020 ^	0.05 AL
Lettuce	378	0			0.012 ^	0.05 AL
Nectarines	578	0			0.003 ^	0.05 AL
Oranges	707	0			0.005 ^	0.05 AL
Peaches	362	0			0.005 ^	0.05 AL
Pears	705	0			0.001 ^	0.05 AL
Potatoes	707	0			0.001 ^	0.05 AL
Spinach	708	0			0.001 - 0.007	0.05 AL
Strawberries	706	0			0.003 ^	0.05 AL
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.05 AL
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.05 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.012 ^	0.05 AL
TOTAL	**9,872**	**0**				
BHC beta (isomer of BHC)						
Apples	708	0			0.014 ^	0.05 AL
Cucumbers	378	0			0.005 ^	0.05 AL
Grapefruit	177	0			0.003 - 0.010	0.05 AL
Grapes	708	0			0.001 ^	0.05 AL
Green Beans	754	0			0.020 ^	0.05 AL
Lettuce	378	0			0.014 ^	0.05 AL
Nectarines	578	0			0.003 ^	0.05 AL
Oranges	707	0			0.005 ^	0.05 AL
Peaches	362	0			0.005 ^	0.05 AL
Pears	705	0			0.001 ^	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
Strawberries	706	0			0.003 ^	0.05 AL
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.05 AL
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.05 AL
Watermelon	370	0			0.014 ^	0.05 AL
TOTAL	**7,064**	**0**				
BHC delta (isomer of BHC)						
Grapefruit	90	0			0.005 ^	0.05 AL
Nectarines	578	0			0.005 ^	0.05 AL
Strawberries	706	0			0.005 ^	0.05 AL
Sweet Corn, Fresh	250	0			0.005 ^	0.05 AL
Sweet Corn, Frozen	20	0			0.005 ^	0.05 AL
TOTAL	**1,644**	**0**				
BHC epsilon (isomer of BHC)						
Nectarines	567	0			0.005 ^	0.05 AL
Strawberries	532	0			0.005 ^	0.05 AL
Sweet Corn, Fresh	250	0			0.005 ^	0.05 AL
Sweet Corn, Frozen	20	0			0.005 ^	0.05 AL
TOTAL	**1,369**	**0**				
Chlordane Total (insecticide)						
Grapes	708	0			0.012 ^	0.1 AL
Peanut Butter	315	0			0.020 ^	0.1 AL
Pears	705	0			0.012 ^	0.1 AL
TOTAL	**1,728**	**0**				
Chlordane cis (isomer of Chlordane)						
Apples	708	0			0.010 ^	0.1 AL
Cherries, Fresh	232	0			0.005 ^	0.1 AL
Cherries, Frozen	453	0			0.005 ^	0.1 AL
Cucumbers	378	3	0.8	0.005 - 0.012	0.005 ^	0.1 AL
Grapefruit	177	0			0.005 - 0.025	0.1 AL
Green Beans	754	0			0.025 ^	0.1 AL
Lettuce	378	0			0.010 ^	0.1 AL
Nectarines	578	0			0.005 ^	0.1 AL
Oranges	707	0			0.005 ^	0.1 AL
Peaches	362	0			0.005 ^	0.1 AL
Potatoes	707	6	0.8	0.002 ^	0.001 ^	0.1 AL
Spinach	708	6	0.8	0.002 ^	0.001 - 0.005	0.1 AL
Strawberries	706	0			0.005 ^	0.1 AL
Sweet Corn, Fresh	451	0			0.005 - 0.025	0.1 AL
Sweet Corn, Frozen	53	0			0.005 - 0.025	0.1 AL
Tomatoes	708	0			0.001 ^	0.1 AL
Watermelon	370	0			0.010 ^	0.1 AL
TOTAL	**8,430**	**15**				
Chlordane trans (isomer of Chlordane)						
Apples	708	0			0.010 ^	0.1 AL
Cherries, Fresh	232	0			0.005 ^	0.1 AL
Cherries, Frozen	453	0			0.005 ^	0.1 AL
Cucumbers	378	1	0.3	0.006 ^	0.005 ^	0.1 AL
Grapefruit	177	0			0.005 - 0.010	0.1 AL
Green Beans	754	0			0.010 ^	0.1 AL
Lettuce	378	0			0.010 ^	0.1 AL
Nectarines	578	0			0.005 ^	0.1 AL
Oranges	707	0			0.005 ^	0.1 AL
Peaches	362	0			0.005 ^	0.1 AL
Potatoes	707	1	0.1	0.002 ^	0.001 ^	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
Spinach	708	5	0.7	0.002 ^	0.001 - 0.005	0.1 AL
Strawberries	706	0			0.005 ^	0.1 AL
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.1 AL
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.1 AL
Tomatoes	708	0			0.001 ^	0.1 AL
Watermelon	370	0			0.010 ^	0.1 AL
TOTAL	**8,459**	**7**				
DDD o,p' (metabolite of DDT)						
Apples	708	0			0.001 ^	0.1 AL
Grapefruit	90	0			0.001 ^	0.1 AL
Lettuce	378	0			0.001 ^	0.5 AL
Nectarines	578	0			0.001 - 0.003	0.2 AL
Peanut Butter	315	0			0.10 ^	0.2 AL
Potatoes	707	0			0.001 ^	1 AL
Spinach	358	1	0.3	0.002 ^	0.001 ^	0.5 AL
Strawberries	706	0			0.001 - 0.003	0.1 AL
Sweet Corn, Fresh	250	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	20	0			0.003 ^	0.1 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.001 ^	0.1 AL
TOTAL	**5,188**	**1**				
DDD p,p' (metabolite of DDT)						
Apples	708	0			0.005 ^	0.1 AL
Cherries, Fresh	232	0			0.005 ^	0.2 AL
Cherries, Frozen	453	0			0.005 ^	0.2 AL
Cucumbers	378	0			0.005 ^	0.1 AL
Grapefruit	177	0			0.003 - 0.025	0.1 AL
Green Beans	754	0			0.025 ^	0.2 AL
Lettuce	378	0			0.005 ^	0.5 AL
Nectarines	578	0			0.003 ^	0.2 AL
Oranges	707	0			0.005 ^	0.1 AL
Peaches	362	0			0.005 ^	0.2 AL
Peanut Butter	315	0			0.050 ^	0.2 AL
Potatoes	707	4	0.6	0.002 ^	0.001 ^	1 AL
Spinach	708	3	0.4	0.002 ^	0.001 - 0.005	0.5 AL
Strawberries	706	0			0.003 ^	0.1 AL
Sweet Corn, Fresh	468	0			0.003 - 0.025	0.1 AL
Sweet Corn, Frozen	65	0			0.003 - 0.025	0.1 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.005 ^	0.1 AL
TOTAL	**8,774**	**7**				
DDE o,p' (metabolite of DDT)						
Apples	708	0			0.001 ^	0.1 AL
Grapefruit	90	0			0.005 ^	0.1 AL
Grapes	708	0			0.002 ^	0.05 AL
Lettuce	378	0			0.001 ^	0.5 AL
Nectarines	578	0			0.005 ^	0.2 AL
Pears	705	0			0.002 ^	0.1 AL
Strawberries	706	0			0.005 ^	0.1 AL
Sweet Corn, Fresh	250	0			0.005 ^	0.1 AL
Sweet Corn, Frozen	20	0			0.005 ^	0.1 AL
Watermelon	370	0			0.001 ^	0.1 AL
TOTAL	**4,513**	**0**				

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
DDE p,p' (metabolite of DDT)						
Apples	708	0			0.010 ^	0.1 AL
Cherries, Fresh	232	0			0.005 ^	0.2 AL
Cherries, Frozen	453	0			0.005 ^	0.2 AL
Cucumbers	378	0			0.005 ^	0.1 AL
Grapefruit	177	0			0.001 - 0.010	0.1 AL
Grapes	708	0			0.002 ^	0.05 AL
Green Beans	754	0			0.005 ^	0.2 AL
Lettuce	378	0			0.010 ^	0.5 AL
Nectarines	578	0			0.001 - 0.003	0.2 AL
Oranges	707	0			0.005 ^	0.1 AL
Peaches	362	0			0.005 ^	0.2 AL
Peanut Butter	315	0			0.020 ^	0.2 AL
Pears	705	0			0.002 ^	0.1 AL
Potatoes	707	103	14.6	0.002 - 0.012	0.001 ^	1 AL
Spinach	708	330	46.6	0.002 - 0.058	0.001 - 0.005	0.5 AL
Strawberries	706	0			0.001 - 0.003	0.1 AL
Sweet Corn, Fresh	468	0			0.003 - 0.010	0.1 AL
Sweet Corn, Frozen	65	0			0.003 - 0.010	0.1 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.010 ^	0.1 AL
TOTAL	**10,187**	**433**				
DDT o,p' (insecticide)						
Grapefruit	90	0			0.005 ^	0.1 AL
Grapes	708	0			0.002 ^	0.05 AL
Nectarines	578	0			0.003 - 0.005	0.2 AL
Peanut Butter	315	0			0.10 ^	0.2 AL
Pears	705	0			0.002 ^	0.1 AL
Potatoes	707	9	1.3	0.002 ^	0.001 ^	1 AL
Spinach	358	44	12.3	0.002 - 0.006	0.001 ^	0.5 AL
Strawberries	706	0			0.003 - 0.005	0.1 AL
Sweet Corn, Fresh	250	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	20	0			0.003 ^	0.1 AL
Tomatoes	708	0			0.001 ^	0.05 AL
TOTAL	**5,145**	**53**				
DDT p,p' (insecticide)						
Apples	708	0			0.001 ^	0.1 AL
Cherries, Fresh	232	0			0.075 ^	0.2 AL
Cherries, Frozen	453	0			0.075 ^	0.2 AL
Cucumbers	378	0			0.005 ^	0.1 AL
Grapefruit	90	0			0.005 ^	0.1 AL
Grapes	708	0			0.002 ^	0.05 AL
Lettuce	347	0			0.001 ^	0.5 AL
Nectarines	578	0			0.003 - 0.005	0.2 AL
Oranges	707	0			0.005 ^	0.1 AL
Peaches	362	0			0.005 ^	0.2 AL
Peanut Butter	315	0			0.050 ^	0.2 AL
Pears	705	0			0.002 ^	0.1 AL
Potatoes	707	42	5.9	0.002 - 0.007	0.001 ^	1 AL
Spinach	358	92	25.7	0.002 - 0.011	0.001 ^	0.5 AL
Strawberries	706	0			0.003 - 0.005	0.1 AL
Sweet Corn, Fresh	250	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	20	0			0.003 ^	0.1 AL
Tomatoes	708	0			0.001 ^	0.05 AL
Watermelon	370	0			0.001 ^	0.1 AL
TOTAL	**8,702**	**134**				

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
Dieldrin (insecticide) (also a metabolite of Aldrin)						
Apples	708	0			0.010 ^	0.03 AL
Cherries, Fresh	232	0			0.040 ^	0.03 AL
Cherries, Frozen	453	0			0.040 ^	0.03 AL
Cucumbers	378	33	8.7	0.005 - 0.071	0.005 ^	0.1 AL
Grapefruit	177	0			0.020 - 0.025	0.02 AL
Grapes	708	0			0.005 ^	0.05 AL
Green Beans	754	0			0.025 ^	0.05 AL
Lettuce	378	0			0.010 ^	0.03 AL
Nectarines	578	0			0.010 - 0.020	0.03 AL
Oranges	707	0			0.005 ^	0.02 AL
Peaches	362	0			0.005 ^	0.02 AL
Peanut Butter	315	0			0.10 ^	0.05 AL
Pears	705	0			0.005 ^	0.03 AL
Potatoes	707	16	2.3	0.004 - 0.018	0.002 ^	0.1 AL
Spinach	708	19	2.7	0.004 ^	0.002 - 0.040	0.05 AL
Strawberries	706	0			0.010 - 0.020	0.05 AL
Sweet Corn, Fresh	468	0			0.010 - 0.025	0.02 AL
Sweet Corn, Frozen	65	0			0.010 - 0.025	0.02 AL
Tomatoes	708	0			0.002 ^	0.05 AL
Watermelon	370	0			0.010 ^	0.1 AL
TOTAL	**10,187**	**68**				
Endrin (insecticide)						
Apples	708	0			0.010 ^	0.03 AL
Cherries, Fresh	232	0			0.031 ^	0.03 AL
Cherries, Frozen	453	0			0.031 ^	0.03 AL
Cucumbers	378	0			0.005 ^	0.1 AL
Grapefruit	177	0			0.010 - 0.030	0.02 AL
Green Beans	754	0			0.003 ^	0.05 AL
Lettuce	378	0			0.010 ^	0.03 AL
Nectarines	578	0			0.010 ^	0.03 AL
Oranges	707	0			0.005 ^	0.02 AL
Peaches	362	0			0.005 ^	0.02 AL
Pears	705	0			0.003 ^	0.03 AL
Potatoes	707	0			0.005 ^	0.1 AL
Spinach	708	0			0.005 - 0.031	0.05 AL
Strawberries	706	0			0.010 ^	0.05 AL
Sweet Corn, Fresh	438	0			0.010 - 0.030	0.02 AL
Sweet Corn, Frozen	65	0			0.010 - 0.030	0.02 AL
Tomatoes	708	0			0.005 ^	0.05 AL
Watermelon	370	0			0.010 ^	0.1 AL
TOTAL	**9,134**	**0**				
Heptachlor (insecticide)						
Apples	708	0			0.002 ^	0.01 AL
Cherries, Fresh	232	0			0.10 ^	0.05 AL
Cherries, Frozen	453	0			0.10 ^	0.05 AL
Cucumbers	378	0			0.005 ^	0.05 AL
Grapefruit	177	0			0.005 ^	0.05 AL
Grapes	708	0			0.001 ^	0.05 AL
Green Beans	754	0			0.005 ^	0.05 AL
Lettuce	378	0			0.002 ^	0.05 AL
Nectarines	578	0			0.003 - 0.005	0.05 AL
Oranges	707	0			0.005 ^	0.05 AL
Peaches	362	0			0.005 ^	0.05 AL
Pears	705	0			0.001 ^	0.05 AL
Potatoes	707	0			0.001 ^	0.01 AL
Spinach	708	0			0.001 - 0.10	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
Strawberries	706	0			0.003 - 0.005	0.05 AL
Sweet Corn, Fresh	440	0			0.003 - 0.005	0.01 AL
Sweet Corn, Frozen	64	0			0.003 - 0.005	0.01 AL
Tomatoes	708	0			0.001 ^	0.01 AL
Watermelon	370	0			0.002 ^	0.05 AL
TOTAL	**9,843**	**0**				
Heptachlor epoxide (metabolite of Heptachlor)						
Apples	708	0			0.005 ^	0.01 AL
Cherries, Fresh	232	0			0.040 ^	0.05 AL
Cherries, Frozen	453	0			0.040 ^	0.05 AL
Cucumbers	378	0			0.005 ^	0.05 AL
Grapefruit	177	0			0.010 ^	0.05 AL
Green Beans	754	0			0.010 ^	0.05 AL
Lettuce	346	0			0.005 ^	0.05 AL
Nectarines	578	0			0.005 - 0.010	0.05 AL
Oranges	707	0			0.005 ^	0.05 AL
Peaches	362	0			0.005 ^	0.05 AL
Potatoes	707	0			0.002 ^	0.01 AL
Spinach	708	0			0.002 - 0.040	0.05 AL
Strawberries	706	0			0.005 - 0.010	0.05 AL
Sweet Corn, Fresh	468	0			0.005 - 0.010	0.01 AL
Sweet Corn, Frozen	65	0			0.005 - 0.010	0.01 AL
Tomatoes	708	0			0.002 ^	0.01 AL
Watermelon	370	0			0.005 ^	0.05 AL
TOTAL	**8,427**	**0**				
Heptachlor epoxide cis (metabolite of Heptachlor)						
Grapes	708	0			0.004 ^	0.05 AL
Pears	705	0			0.004 ^	0.05 AL
TOTAL	**1,413**	**0**				
Hexachlorobenzene - HCB (metabolite and impurity of Quintozene)						
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.003 - 0.050	NT
Green Beans	474	0			0.050 ^	0.1
Nectarines	578	0			0.003 ^	NT
Oranges	707	0			0.005 ^	NT
Peaches	362	0			0.005 ^	NT
Peanut Butter	315	0			0.025 ^	1.0
Spinach	358	0			0.001 ^	NT
Strawberries	706	0			0.003 ^	NT
Sweet Corn, Fresh	451	0			0.003 - 0.050	NT
Sweet Corn, Frozen	53	0			0.003 - 0.050	NT
TOTAL	**4,559**	**0**				
Lindane - BHC gamma (insecticide) (also an isomer of BHC)						
Apples	708	0			0.013 ^	NT
Cherries, Fresh	232	0			0.045 ^	0.5 AL
Cherries, Frozen	453	0			0.045 ^	0.5 AL
Cucumbers	378	0			0.005 ^	NT
Grapefruit	177	0			0.005 ^	0.5 AL
Green Beans	754	0			0.008 ^	0.5 AL
Lettuce	378	0			0.013 ^	NT
Nectarines	578	0			0.003 - 0.005	NT
Oranges	707	0			0.005 ^	0.5 AL
Peaches	362	0			0.005 ^	NT
Potatoes	707	0			0.001 ^	0.5 AL
Spinach	708	0			0.001 - 0.045	NT

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
Strawberries	706	0			0.003 - 0.005	0.5 AL
Sweet Corn, Fresh	468	0			0.003 - 0.005	0.5 AL
Sweet Corn, Frozen	65	0			0.003 - 0.005	0.5 AL
Tomatoes	708	0			0.001 - 0.003	NT
Watermelon	370	0			0.013 ^	NT
TOTAL	**8,459**	**0**				
Mirex (insecticide)						
Apples	708	0			0.001 ^	NT
Lettuce	378	0			0.001 ^	NT
Watermelon	370	0			0.001 ^	NT
TOTAL	**1,456**	**0**				
Oxychlordane (metabolite of Chlordane)						
Grapefruit	90	0			0.020 ^	0.1 AL
Nectarines	578	0			0.010 - 0.020	0.1 AL
Strawberries	706	0			0.005 - 0.020	0.1 AL
Sweet Corn, Fresh	250	0			0.005 - 0.010	0.1 AL
Sweet Corn, Frozen	20	0			0.005 - 0.010	0.1 AL
TOTAL	**1,644**	**0**				

NOTES

^ Only one distinct detected concentration or LOD value was reported for the 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.

Appendix E

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

Appendix E 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 E, samples originated from 37 States, the District of Columbia, 1 U.S. territory, and 17 foreign countries. There were 331 domestic samples from unknown States. There were an additional 96 samples from unknown origins. Overall, 76.1 percent of samples were from U.S. sources, 23.0 percent were imports, and 0.9 percent were of unknown origin.

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

Part 1. Domestic Samples

	Fresh F&V																	Proc. F&V		Nut	# of	% of
	AP	CB	CH	CU	GB	GF	GR	LT	NE	OG	PC	PE	PO	SP	ST	TO	WM	CS	CZ	PB	Samples	Total
Alabama													1			1					2	<0.1
Arizona		2		2	2		2	2		3			3	6		7	3	3		2	37	0.4
Arkansas		1	1		7				1					6		1		4	10	12	43	0.4
California	19	96	54	16	133	33	340	310	320	550	137	85	97	530	535	74	11	2	145	26	3513	34.5
Colorado		12			8		1	6					19	5		4					55	0.5
Connecticut														1		3	1				5	<0.1
Delaware		9			2								6								17	0.2
Florida		135		20	147	61	3	1		30	11		21	8	69	124	20	3	13	3	669	6.6
Georgia		17		28	35			1			5		1	1	1	3	1				93	0.9
Idaho	2												194					1	1	1	199	2.0
Illinois	10			1	9			2		1			7	7	2	2		1		8	50	0.5
Indiana		2		3	2		1										3				11	0.1
Kansas													1						1		2	<0.1
Kentucky				2	1							1					2			2	8	0.1
Maine													4								4	<0.1
Maryland		11		2	12		1					3		5		4	2	1	6	4	51	0.5
Massachusetts	2			1									4	5						2	14	0.1
Michigan	28	10		26	12	1	1	2				1	17	11		11	2	3	17	10	152	1.5
Minnesota		1			1		7		1	10			11		1		3		12	51	98	1.0
Missouri							1													2	3	<0.1
Nebraska													2							30	32	0.3
Nevada													1								1	<0.1
New Hampshire												1									1	<0.1
New Jersey		4		10	13		1	2	8	1				1		4		8	2	5	59	0.6
New York	35	15	2	11	14			2		1		1	21	8		2	2	5	3	19	141	1.4
North Carolina		1		5	8								7	12	2	11			4	12	62	0.6
North Dakota													3								3	<0.1
Ohio	7	15		4	29			3		1		2	9	4	1	6	4	11	38	78	212	2.1
Oregon		3	6	1	2					3		151	23					3	1	1	194	1.9
Pennsylvania	18			2	4				1	1	1	1	7	19		5	1	4	10	7	81	0.8
Puerto Rico																1					1	<0.1
South Carolina											12					10	3				25	0.2
Tennessee				1												12		4			17	0.2
Texas	17	21		7	36	71	10	8	4	23	2	19	58	32	5	29	13	2	14	12	383	3.8
Utah	1												3								4	<0.1
Virginia	2			1	6				1				4							2	16	0.2
Washington	520	4	106	6	3	2	1	6	18			333	134	3		5			4	4	1149	11.3
Washington D.C.																1					1	<0.1
Wisconsin							1					1	12				1				15	0.1
Unknown State	11	40	3	35	82	7	11	14	10	11	16	10	5	12	12	29	14	1	1	7	331	3.2
No. of Domestic	672	399	172	184	568	175	381	359	364	635	184	609	675	676	628	349	86	56	282	300	7,754	
% of Total	95	85	74	49	75	99	54	95	63	90	51	86	95	95	89	49	23	86	62	95		76.1

Part 2. Imported Samples

	Fresh F&V																	Proc. F&V		Nut	# of	% of
	AP	CB	CH	CU	GB	GF	GR	LT	NE	OG	PC	PE	PO	SP	ST	TO	WM	CS	CZ	PB	Samples	Total
Argentina			2									64									66	0.6
Australia										6											6	0.1
Canada	7	1	12	33	9			9		1			24	6		45		9	1	7	164	1.6
Chile	12		45				241		213	32	177	29					2		73		824	8.1
Dominican Republic				4																	4	<0.1
France	1																				1	<0.1
Greece			1																49		50	0.5
Guatemala					24											1	76				101	1.0
Honduras				4													24				28	0.3
Italy	2											1									3	<0.1
Mexico		48		147	134		57	6		6				23	77	302	170				970	9.5
Netherlands				1											1						2	<0.1
New Zealand	12											1									13	0.1
Nicaragua																	4				4	<0.1
Peru							27	1													28	0.3
South Africa						1				25		1									27	0.3
Turkey																			46		46	0.5
No. of Imports	34	49	60	189	167	1	325	16	213	70	177	96	24	29	78	348	276	9	169	7	2,337	
% of Total	5	10	26	50	22	1	46	4	37	10	49	14	3	4	11	49	75	14	37	2		23.0

Part 3. Unknown Origin Samples

	Fresh F&V																	Proc. F&V		Nut	# of	% of
	AP	CB	CH	CU	GB	GF	GR	LT	NE	OG	PC	PE	PO	SP	ST	TO	WM	CS	CZ	PB	Samples	Total
Unknown Origin	2	20		5	19	1	2	3	1	2	1		8	3		11	8		2	8	96	
% of Total	< 1	4		1	3	1	< 1	1	< 1	< 1	< 1		1	< 1		2	2		< 1	3		0.9

Sample Totals:	708	468	232	378	754	177	708	378	578	707	362	705	707	708	706	708	370	65	453	315	10,187	

Commodity Legend		
AP = Apples	GF = Grapefruit	PE = Pears
CB = Sweet Corn, Fresh, On-the-Cob	GR = Grapes	PO = Potatoes
CH = Cherries, Fresh	LT = Lettuce	SP = Spinach
CS = Sweet Corn, Frozen	NE = Nectarines	ST = Strawberries
CU = Cucumbers	OG = Oranges	TO = Tomatoes
CZ = Cherries, Frozen	PB = Peanut Butter	WM = Watermelon
GB = Green Beans	PC = Peaches	

Appendix F

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 F compares residue data reported for samples originating in the United States with those of the same commodity from major exporting countries in 2015. Residue data for domestic grapes and nectarines are compared with data for samples originating in Chile. Residue data for domestic tomatoes are compared with data for samples originating in Mexico. Only residues detected in more than 10 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 F. Import Versus Domestic Pesticide Residue Comparisons

2015 Distribution of Residues for Grape Samples Originating in Chile Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Boscalid	United States	381	264	69.3
	Chile	241	162	67.2
Cyprodinil	United States	381	190	49.9
	Chile	241	118	49.0
Difenoconazole	United States	381	24	6.3
	Chile	241	71	29.5
Fenhexamid	United States	381	85	22.3
	Chile	241	155	64.3
Fenpropathrin	United States	381	122	32.0
	Chile	241	4	1.7
Fludioxonil	United States	378	44	11.6
	Chile	241	58	24.1
Methoxyfenozide	United States	381	66	17.3
	Chile	241	22	9.1
Myclobutanil	United States	381	68	17.8
	Chile	240	52	21.7
Pyraclostrobin	United States	381	231	60.6
	Chile	241	71	29.5
Pyrimethanil	United States	381	67	17.6
	Chile	241	48	19.9
Quinoxyfen	United States	381	140	36.7
	Chile	240	61	25.4
Spirotetramat	United States	381	89	23.4
	Chile	241	27	11.2
Tebuconazole	United States	381	88	23.1
	Chile	241	142	58.9
Trifloxystrobin	United States	381	106	27.8
	Chile	241	34	14.1

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

2015 Distribution of Residues for Nectarine Samples Originating in Chile Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Acetamiprid	United States	364	22	6.0
	Chile	213	107	50.2
Boscalid	United States	364	80	22.0
	Chile	213	5	2.3
Chlorantraniliprole	United States	364	120	33.0
	Chile	213	64	30.0
Fludioxonil	United States	364	316	86.8
	Chile	213	98	46.0
Hexythiazox	United States	364	58	15.9
	Chile	213	0	0
Indoxacarb	United States	364	77	21.2
	Chile	213	9	4.2
Iprodione	United States	364	8	2.2
	Chile	213	176	82.6
Methoxyfenozide	United States	364	59	16.2
	Chile	213	86	40.4
Propiconazole	United States	364	91	25.0
	Chile	213	26	12.2
Pyraclostrobin	United States	364	77	21.2
	Chile	213	0	0
Pyrimethanil	United States	364	34	9.3
	Chile	213	136	63.8
Spinetoram	United States	364	134	36.8
	Chile	213	0	0
Spinosad	United States	364	64	17.6
	Chile	213	157	73.7
Spirodiclofen	United States	364	82	22.5
	Chile	213	32	15.0
Tebuconazole	United States	364	9	2.5
	Chile	213	162	76.1

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

2015 Distribution of Residues for Tomato Samples Originating in Mexico Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Acetamiprid	United States	349	19	5.4
	Mexico	302	52	17.2
Azoxystrobin	United States	349	30	8.6
	Mexico	302	122	40.4
Bifenthrin	United States	339	133	39.2
	Mexico	293	29	9.9
Chlorantraniliprole	United States	349	134	38.4
	Mexico	302	22	7.3
Clothianidin	United States	349	42	12.0
	Mexico	302	28	9.3
Difenoconazole	United States	349	127	36.4
	Mexico	302	62	20.5
Dinotefuran	United States	349	82	23.5
	Mexico	302	40	13.2
Flonicamid	United States	349	17	4.9
	Mexico	302	107	35.4
Fluxapyroxad	United States	349	59	16.9
	Mexico	302	13	4.3
Imidacloprid	United States	349	86	24.6
	Mexico	302	37	12.3
Pyraclostrobin	United States	349	67	19.2
	Mexico	302	90	29.8
Pyrimethanil	United States	349	30	8.6
	Mexico	302	38	12.6

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

Appendix G

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

Appendix G shows 304 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 Appendices apply to 2015 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 G. PESTICIDE RESIDUES [A] 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
1 Apples (16 pesticides)							
Acetamiprid *	I	27.7	708	196	0.002 - 0.38	0.035	1.0
Boscalid	F	25.3	708	179	0.003 - 0.18	0.039	3.0
Carbendazim (MBC) [1]	F	18.5	708	131	0.001 - 0.13	0.029	2.0
Chlorantraniliprole	I	18.9	708	134	0.010 - 0.088	0.022	1.2
Diphenylamine (DPA)	F	82.2	708	582	0.002 - 4.1	0.332	10.0
Fludioxonil	F	35.5	708	251	0.026 - 2.8	0.419	5.0
Hexythiazox	I	5.1	708	36	0.002 - 0.058	0.013	0.4
Imidacloprid	I	13.6	708	96	0.003 - 0.033	0.008	0.5
Phosmet	I	5.8	708	41	0.011 - 0.43	0.084	10
Pyraclostrobin	F	18.8	708	133	0.003 - 0.099	0.026	1.5
Pyrimethanil	F	24.4	708	173	0.050 - 7.8	1.62	15
Spirodiclofen	A	19.4	708	137	0.010 - 0.22	0.036	0.80
Tetrahydrophthalimide (THPI) [2]	FM	14.4	708	102	0.010 - 1.5	0.198	25.0
Thiabendazole	F	67.7	708	479	0.002 - 3.5	0.444	5.0
Thiacloprid	I	12.1	708	86	0.001 - 0.029	0.007	0.30
Trifloxystrobin	F	5.6	708	40	0.002 - 0.028	0.005	0.5
2 Cherries, Fresh (20 pesticides)							
Acetamiprid *	I	18.5	232	43	0.002 - 0.20	0.047	1.20
Boscalid	F	52.2	232	121	0.013 - 0.21	0.055	3.5
Buprofezin	I	19	232	44	0.002 - 0.11	0.016	1.9
Carbaryl	I	5.2	232	12	0.003 - 0.60	0.258	10
Cyhalothrin, Total [3] *	I	41.4	232	96	0.012 - 0.15	0.037	0.50
Fenbuconazole	F	7.8	232	18	0.006 - 0.19	0.062	1.0
Fenhexamid	F	10.3	232	24	0.012 - 0.28	0.062	10.0
Fenpropathrin	I	19	232	44	0.026 - 0.77	0.318	5.0
Fludioxonil	F	44	232	102	0.040 - 6.5	0.488	5.0
Imidacloprid	I	27.6	232	64	0.020 - 0.26	0.084	3.0
Iprodione	F	24.1	232	56	0.022 - 2.7	0.947	20.0
Methoxyfenozide	I	8.2	232	19	0.006 - 0.050	0.012	3.0
Myclobutanil	F	20.3	232	47	0.001 - 0.26	0.038	5.0
Pyraclostrobin	F	55.2	232	128	0.002 - 0.23	0.04	2.5
Spinetoram	I	5.2	232	12	0.007 - 0.018	0.013	0.30
Spinosad							
Spinosad A [4]	IM	42.7	232	99	0.003 - 0.065	0.014	0.20
Spinosad D [4]	IM	10.3	232	24	0.003 - 0.009	0.005	0.20
Tebuconazole	F	30.2	232	70	0.016 - 2.3	0.557	5.0
Thiamethoxam *	I	5.2	232	12	0.005 - 0.068	0.023	0.5
Trifloxystrobin	F	25.4	232	59	0.006 - 0.14	0.028	2
Triflumizole	F	40.1	232	93	0.002 - 0.42	0.048	1.5

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
3 Cherries, Frozen (24 pesticides)							
Acetamiprid *	I	54.7	453	248	0.002 - 0.26	0.037	1.20
Azoxystrobin	F	11	453	50	0.006 - 0.20	0.039	1.5
Boscalid	F	30.9	453	140	0.013 - 0.20	0.046	3.5
Buprofezin	I	9.7	453	44	0.001 - 0.038	0.008	1.9
Carbaryl	I	18.3	453	83	0.003 - 1.2	0.112	10
Carbendazim (MBC) [1]	F	24.7	453	112	0.005 - 0.62	0.033	20.0
Cyhalothrin, Total [3] *	I	20.1	453	91	0.012 - 0.22	0.036	0.50
Cypermethrin	I	7.7	453	35	0.069 - 0.23	0.122	1
Fenbuconazole	F	38.9	453	176	0.005 - 0.72	0.202	1.0
Fenpropathrin	I	32.9	453	149	0.022 - 1.2	0.224	5.0
Imidacloprid	I	34.7	453	157	0.019 - 0.42	0.097	3.0
Iprodione	F	22.1	453	100	0.023 - 1.7	0.325	20.0
Malathion	I	6.2	453	28	0.005 - 0.035	0.01	8
Myclobutanil	F	12.1	453	55	0.001 - 0.067	0.016	5.0
Omethoate [5]	IM	6.2	453	28	0.011 - 0.12	0.052	2.0
Permethrin							
Permethrin cis [6]	IM	11.3	453	51	0.020 - 0.17	0.059	4.0
Permethrin trans [6]	IM	14.8	453	67	0.011 - 0.23	0.072	4.0
Propiconazole	F	10.4	453	47	0.018 - 0.21	0.065	4.0
Pyraclostrobin	F	45.7	453	207	0.002 - 0.45	0.035	2.5
Spinosad A [4]	IM	17.4	453	79	0.003 - 0.064	0.012	0.20
Tebuconazole	F	33.6	453	152	0.012 - 1.2	0.16	5.0
Thiacloprid	I	18.5	453	84	0.005 - 0.12	0.03	0.5
Thiamethoxam *	I	30.5	453	138	0.006 - 0.23	0.031	0.5
Trifloxystrobin	F	39.3	453	178	0.005 - 0.24	0.038	2
Triflumizole	F	21.2	453	96	0.002 - 0.22	0.027	1.5
4 Cucumbers (15 pesticides)							
Azoxystrobin	F	14	378	53	0.002 - 0.045	0.01	0.3
Bifenthrin *	I	11.6	378	44	0.005 - 0.072	0.021	0.4
Boscalid	F	6.6	378	25	0.011 - 0.095	0.024	0.5
Carbendazim (MBC) [1]	F	7.7	378	29	0.010 - 0.18	0.037	1.0
Chlorothalonil	F	22	378	83	0.005 - 0.17	0.023	5.0
Cyprodinil	F	7.1	378	27	0.005 - 0.12	0.029	0.70
Dinotefuran	I	7.7	378	29	0.010 - 0.12	0.032	0.5
Endosulfan sulfate [7]	IM	6.1	378	23	0.005 - 0.099	0.016	1.0
Flonicamid	I	7.9	378	30	0.011 - 0.51	0.09	1.5
Fluopicolide	F	12.2	378	46	0.010 - 0.055	0.025	0.50
Metalaxyl/Mefenoxam [8]	F	27.5	378	104	0.005 - 0.47	0.042	1.0
Oxamyl oxime [9]	IM	13.8	378	52	0.011 - 0.46	0.078	2.0
Propamocarb hydrochloride [10]	F	54.8	378	207	0.011 - 1.1	0.144	1.5
Pyraclostrobin	F	5	378	19	0.003 - 0.036	0.009	0.5
Thiamethoxam *	I	7.9	378	30	0.010 - 0.11	0.028	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
5 Grapefruit (6 pesticides)							
Azoxystrobin	F	18.1	177	32	0.003 - 0.033	0.009	15.0
Clothianidin *	I	6.2	177	11	0.001 - 0.018	0.005	0.07
Flupyradifurone	I	7.9	177	14	0.001 - 0.004	0.002	3.0
Imazalil	F	65.5	177	116	0.001 - 0.095	0.014	10.0
Imidacloprid	I	11.9	177	21	0.003 - 0.012	0.007	0.70
Thiabendazole	F	68.4	177	121	0.008 - 0.14	0.035	10.0
6 Grapes (23 pesticides)							
Acetamiprid *	I	8.3	708	59	0.017 - 0.63	0.102	0.35
Bifenthrin *	I	5.4	708	38	0.002 - 0.037	0.006	0.2
Boscalid	F	63.6	708	450	0.008 - 1.4	0.105	5.0
Buprofezin	I	8.9	708	63	0.005 - 0.42	0.03	2.5
Chlorantraniliprole	I	8.6	708	61	0.025 - 0.072	0.027	2.5
Clothianidin *	I	5.6	708	40	0.017 - 0.51	0.09	0.60
Cyprodinil	F	44.9	708	318	0.010 - 1.8	0.22	3.0
Difenoconazole	F	14.3	708	101	0.002 - 0.076	0.01	4.0
Etoxazole	A	8.5	708	60	0.002 - 0.049	0.007	0.50
Fenhexamid	F	36.2	708	256	0.008 - 0.82	0.171	4.0
Fenpropathrin	I	17.9	708	127	0.005 - 0.54	0.1	5.0
Fludioxonil	F	15.6	705	110	0.033 - 0.31	0.082	2.0
Imidacloprid	I	8.3	708	59	0.042 - 0.69	0.19	1.0
Iprodione	F	6.6	707	47	0.017 - 1.4	0.16	60.0
Methoxyfenozide	I	12.4	708	88	0.008 - 0.27	0.049	1.0
Myclobutanil	F	20.4	707	144	0.017 - 0.19	0.046	1.0
Pyraclostrobin	F	45.6	708	323	0.005 - 0.36	0.047	2.0
Pyrimethanil	F	16.5	708	117	0.008 - 4.2	0.358	5.0
Quinoxyfen	F	29.6	707	209	0.003 - 0.10	0.016	2.0
Spirotetramat	I	18.8	708	133	0.003 - 0.055	0.011	1.3
Tebuconazole	F	37.4	708	265	0.003 - 1.2	0.038	5.0
Tetraconazole	F	7.5	708	53	0.003 - 0.12	0.018	0.20
Trifloxystrobin	F	23.4	708	166	0.005 - 0.094	0.016	2.0
7 Green Beans, Fresh (12 pesticides)							
Acephate (parent) *	I	14.7	754	111	0.030 - 2.2	0.422	3.0
Methamidophos [11] *	I	13.7	754	103	0.020 - 0.57	0.152	1
Azoxystrobin	F	39.9	754	301	0.001 - 1.7	0.034	3.0
Bifenthrin *	I	8.4	754	63	0.040 - 0.19	0.065	0.6
Boscalid	F	5.2	754	39	0.005 - 0.37	0.059	1.6
Chlorantraniliprole	I	12.2	754	92	0.001 - 0.075	0.008	2.0
Dimethoate	I	5.2	754	39	0.001 - 3.2	0.18	2.0
Esfenvalerate+Fenvalerate Total *	I	5	754	38	0.008 - 0.10	0.036	1.0
Metalaxyl/Mefenoxam [8]	F	5.2	754	39	0.001 - 0.018	0.006	0.2
Methomyl	I	8	754	60	0.001 - 0.24	0.039	2
Penthiopyrad	F	13.5	754	102	0.001 - 0.76	0.048	4.0
Pyraclostrobin	F	10.3	754	78	0.001 - 0.17	0.022	0.5
Tebuconazole	F	5.3	754	40	0.001 - 0.12	0.019	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
8 Lettuce (14 pesticides)							
Acetamiprid *	I	6.6	378	25	0.002 - 0.030	0.005	3.00
Boscalid	F	10.3	378	39	0.003 - 0.46	0.02	11.0
Chlorantraniliprole	I	5.8	378	22	0.011 - 0.51	0.111	13
Cyhalothrin, Total [3] *	I	12.2	378	46	0.007 - 0.84	0.115	2.0
DCPA	H	5.6	378	21	0.002 - 0.016	0.005	2.0
Dimethomorph	F	15.1	378	57	0.003 - 1.6	0.122	30.0
Fenamidone	F	9.3	378	35	0.005 - 1.5	0.254	60
Flonicamid	I	13	378	49	0.007 - 0.66	0.143	4.0
Imidacloprid	I	31.7	378	120	0.003 - 0.097	0.014	3.5
Mandipropamid	F	15.9	378	60	0.002 - 2.6	0.258	20
Permethrin							
Permethrin cis [4]	IM	11.4	378	43	0.010 - 1.5	0.237	20
Permethrin trans [4]	IM	11.1	378	42	0.011 - 2.1	0.321	20
Propamocarb hydrochloride [10]	F	24.1	378	91	0.002 - 9.0	0.388	90
Spinetoram	I	7.7	378	29	0.004 - 0.082	0.018	8.0
Thiamethoxam *	I	22	378	83	0.003 - 0.046	0.009	4.0
9 Nectarines (24 pesticides)							
Acetamiprid *	I	22.3	578	129	0.003 - 0.27	0.046	1.20
Bifenazate	A	5.7	578	33	0.003 - 0.048	0.014	2.5
Boscalid	F	14.7	578	85	0.005 - 0.21	0.052	3.5
Chlorantraniliprole	I	32	578	185	0.008 - 0.12	0.025	4.0
Cyhalothrin, Total [3] *	I	7.4	578	43	0.010 - 0.051	0.019	0.50
Fenbuconazole	F	5.4	578	31	0.011 - 0.14	0.029	1.0
Fludioxonil	F	71.8	578	415	0.010 - 2.5	0.597	5.0
Formetanate hydrochloride	I	5.2	578	30	0.003 - 0.059	0.015	0.40
Hexythiazox	I	10.2	578	59	0.003 - 0.096	0.017	1.0
Indoxacarb	I	14.9	578	86	0.010 - 0.10	0.029	0.90
Iprodione	F	31.8	578	184	0.005 - 3.4	0.637	20.0
Methoxyfenozide	I	25.3	578	146	0.003 - 0.13	0.021	3.0
Myclobutanil	F	5.4	578	31	0.010 - 0.074	0.027	2.0
Pendimethalin	H	6.2	578	36	0.005 - 0.021	0.008	0.1
Propiconazole	F	20.2	578	117	0.007 - 0.64	0.078	4.0
Pyraclostrobin	F	13.3	578	77	0.003 - 0.087	0.028	2.5
Pyrimethanil	F	29.4	578	170	0.005 - 3.3	0.515	10
Spinetoram	I	23.2	578	134	0.010 - 0.12	0.031	0.30
Spinosad	I	38.2	578	221	0.003 - 0.10	0.021	0.20
Spirodiclofen	A	19.7	578	114	0.006 - 0.14	0.03	1.0
Tebuconazole	F	29.6	578	171	0.003 - 1.0	0.101	1.0
Thiabendazole	F	6.6	578	38	0.002 - 0.043	0.008	NT
Thiacloprid	I	5.5	578	32	0.003 - 0.055	0.017	0.5
Trifloxystrobin	F	5.5	578	32	0.001 - 0.050	0.014	2
10 Oranges (3 pesticides)							
Fludioxonil	F	5.8	707	41	0.006 - 0.11	0.021	10
Imazalil	F	78.4	707	554	0.010 - 0.58	0.059	10.0
Thiabendazole	F	75.8	707	536	0.010 - 0.50	0.051	10.0

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
11 Peaches (16 pesticides)							
Acetamiprid *	I	16.9	362	61	0.011 - 0.14	0.04	1.20
Chlorantraniliprole	I	10.2	362	37	0.020 - 0.069	0.029	4.0
Chlorpyrifos *	I	9.1	362	33	0.005 - 0.38	0.04	0.1
Cyfluthrin *	I	6.4	362	23	0.007 - 0.069	0.036	0.3
Cyhalothrin, Total [3] *	I	21	362	76	0.008 - 0.039	0.015	0.50
Cyprodinil	F	6.4	362	23	0.006 - 0.45	0.151	2.0
Fludioxonil	F	65.2	362	236	0.006 - 3.2	0.745	5.0
Indoxacarb	I	10.5	362	38	0.011 - 0.11	0.032	0.90
Iprodione	F	46.4	362	168	0.005 - 7.2	0.672	20.0
Methoxyfenozide	I	13	362	47	0.011 - 0.13	0.03	3.0
Myclobutanil	F	7.2	362	26	0.005 - 0.16	0.025	2.0
Propiconazole	F	20.7	362	75	0.010 - 0.76	0.062	4.0
Pyraclostrobin	F	6.4	362	23	0.004 - 0.21	0.043	2.5
Pyrimethanil	F	35.1	362	127	0.003 - 4.7	0.393	10
Spirodiclofen	A	8.3	362	30	0.010 - 0.15	0.047	1.0
Tebuconazole	F	39	362	141	0.005 - 0.87	0.156	1.0
12 Pears (20 pesticides)							
Acetamiprid *	I	14.9	705	105	0.017 - 0.30	0.058	1.0
Boscalid	F	26.8	704	189	0.008 - 0.20	0.063	3.0
Carbendazim (MBC) [1]	F	25	705	176	0.017 - 0.27	0.037	3.0
Chlorantraniliprole	I	13	705	92	0.025 - 0.066	0.027	1.2
Cyhalothrin, Lambda *	I	5.2	705	37	0.003 - 0.071	0.012	0.30
Diphenylamine (DPA)	F	11.5	705	81	0.007 - 1.1	0.054	5.0
Ethoxyquin	P	28.2	705	199	0.010 - 2.3	0.128	3
Etoxazole	A	27.2	705	192	0.002 - 0.059	0.009	0.20
Fenbutatin oxide	I	6.2	705	44	0.017 - 0.49	0.182	15.0
Fenpyroximate	A	18.4	705	130	0.002 - 0.068	0.025	0.30
Fludioxonil	F	44.7	705	315	0.033 - 3.9	0.603	5.0
Imidacloprid	I	7	705	49	0.042 - 0.24	0.064	0.6
O-Phenylphenol	F	17.7	705	125	0.003 - 10	0.833	25.0
Pyraclostrobin	F	25.1	705	177	0.005 - 0.12	0.034	1.5
Pyridaben	I	6.8	705	48	0.003 - 0.075	0.015	0.75
Pyrimethanil	F	58.2	705	410	0.008 - 5.5	0.869	15
Spirodiclofen	A	14.8	704	104	0.008 - 0.19	0.033	0.80
Spirotetramat	I	15.9	704	112	0.003 - 0.046	0.006	0.70
Thiabendazole	F	36.7	703	258	0.005 - 3.7	0.438	5.0
Thiacloprid	I	5.8	705	41	0.008 - 0.34	0.042	0.30
13 Potatoes (10 pesticides)							
Azoxystrobin	F	32	707	226	0.002 - 2.9	0.037	8.0
Chlorpropham	H	98.6	707	697	0.002 - 11	1.782	30
Clothianidin *	I	23.2	707	164	0.003 - 0.061	0.006	0.3
Difenoconazole	F	8.3	707	59	0.002 - 1.6	0.21	4.0
Fludioxonil	F	5.2	707	37	0.020 - 0.88	0.238	6.0

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
Imidacloprid	I	46	707	325	0.002 - 0.10	0.01	0.40
Metalaxyl/Mefenoxam [8]	F	8.2	707	58	0.002 - 0.021	0.004	0.5
Pentachloroaniline (PCA) [12]	FM	6.6	707	47	0.002 - 0.11	0.01	0.1
Thiabendazole	F	5	707	35	0.002 - 1.8	0.198	10.0
Thiamethoxam *	I	6.9	707	49	0.008 - 0.049	0.012	0.25
14 Spinach (23 pesticides)							
Acetamiprid *	I	6.5	708	46	0.002 - 0.51	0.115	3.00
Ametoctradin	F	52.5	358	188	0.002 - 9.3	1.34	50.0
Azoxystrobin	F	6.1	708	43	0.002 - 16	0.919	30.0
Bifenthrin *	I	8.8	708	62	0.002 - 1.5	0.055	0.2
Chlorantraniliprole	I	34.7	708	246	0.003 - 5.5	0.405	13
Clothianidin *	I	31.1	708	220	0.003 - 0.38	0.044	3.0
Cypermethrin	I	18.8	708	133	0.037 - 3.0	0.431	10.00
Dimethomorph	F	27.7	708	196	0.002 - 6.3	0.351	30.0
Famoxadone	F	7.5	708	53	0.008 - 9.1	2.001	50
Fenamidone	F	30.8	708	218	0.004 - 9.2	0.799	60
Flonicamid	I	25.8	708	183	0.002 - 3.6	0.506	9.0
Fluopicolide	F	40.7	708	288	0.003 - 5.4	0.61	25
Imidacloprid	I	43.4	708	307	0.002 - 0.81	0.04	3.5
Mandipropamid	F	68.1	708	482	0.008 - 8.5	1.004	20
Methomyl	I	5.9	708	42	0.004 - 1.3	0.147	6
Methoxyfenozide	I	7.3	708	52	0.002 - 3.4	0.308	30
Permethrin							
Permethrin cis [4]	IM	70.6	708	500	0.002 - 7.4	0.809	20
Permethrin trans [4]	IM	71	708	503	0.002 - 10	0.886	20
Prometryn	H	8.4	358	30	0.002 - 0.033	0.005	NT
Propamocarb hydrochloride [10]	F	19.7	350	69	0.001 - 1.0	0.028	NT
Pyraclostrobin	F	8.8	708	62	0.002 - 5.0	0.384	29.0
Spinetoram	I	55.4	708	392	0.002 - 0.38	0.032	8.0
Spinosad (parent)	I	15.1	358	54	0.002 - 1.1	0.093	8.0
Spinosad A [4]	IM	14.3	350	50	0.003 - 0.64	0.049	8.0
Sulfoxaflor	I	5.6	358	20	0.003 - 0.57	0.087	6.0
15 Strawberries (38 pesticides)							
Acequinocyl	A	16.7	532	89	0.010 - 3.7	0.337	0.50
Acetamiprid *	I	31.4	706	222	0.001 - 0.80	0.061	0.60
Azoxystrobin	F	10.8	706	76	0.001 - 0.57	0.058	10.0
Bifenazate	A	23.9	706	169	0.003 - 1.2	0.125	1.5
Bifenthrin *	I	28.6	706	202	0.003 - 0.30	0.06	3.0
Boscalid	F	48.3	706	341	0.003 - 0.99	0.096	4.5
Carbendazim (MBC) [1]	F	16.9	706	119	0.001 - 0.42	0.059	7.0
Chlorantraniliprole	I	13.2	706	93	0.006 - 0.16	0.033	1.0
Cyflufenamid	F	8.1	706	57	0.002 - 0.080	0.016	0.20
Cyflumetofen	A	6.9	706	49	0.006 - 0.39	0.078	0.60
Cyprodinil	F	49.6	706	350	0.003 - 1.7	0.157	5.0

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
Etoxazole	A	5.1	706	36	0.002 - 0.13	0.021	0.50
Fenhexamid	F	22.1	706	156	0.013 - 2.1	0.219	3.0
Fenpropathrin	I	12.5	706	88	0.006 - 0.92	0.151	2.0
Fenpyroximate	A	6.1	706	43	0.002 - 0.17	0.029	1.0
Flonicamid	I	28.3	706	200	0.010 - 0.60	0.108	1.5
Fludioxonil	F	35.4	706	250	0.010 - 0.64	0.092	3.0
Flupyradifurone	I	8	174	14	0.003 - 0.061	0.02	1.5
Fluxapyroxad	F	12.9	706	91	0.002 - 0.27	0.065	4.0
Hexythiazox	I	14.6	706	103	0.001 - 0.42	0.05	6
Imidacloprid	I	8.4	706	59	0.003 - 0.10	0.015	0.50
Malathion	I	10.2	706	72	0.003 - 0.33	0.031	8
Metalaxyl/Mefenoxam [8]	F	13	706	92	0.001 - 0.35	0.036	10.0
Methoxyfenozide	I	8.5	706	60	0.003 - 0.46	0.058	2.0
Myclobutanil	F	19.1	706	135	0.003 - 0.94	0.081	0.50
Novaluron	I	24.4	706	172	0.020 - 0.39	0.064	0.45
Penthiopyrad	F	16.9	706	119	0.002 - 0.83	0.111	3.0
Piperonyl butoxide	I	6.9	706	49	0.006 - 1.4	0.176	EX1
Propiconazole	F	5.7	706	40	0.006 - 0.27	0.052	1.3
Pyraclostrobin	F	42.5	706	300	0.001 - 0.49	0.063	1.2
Pyrimethanil	F	24.9	706	176	0.005 - 1.6	0.26	3.0
Quinoxyfen	F	17.3	706	122	0.002 - 0.23	0.028	1.0
Spinetoram	I	8.5	706	60	0.010 - 0.15	0.038	1.0
Spiromesifen (parent)	I	7.5	706	53	0.003 - 0.76	0.115	2.0
Spiromesifen alcohol [13]	IM	15.2	706	107	0.001 - 0.20	0.027	2.0
Tetraconazole	F	10.5	706	74	0.003 - 0.27	0.03	0.25
Tetrahydrophthalimide (THPI) [2]	FM	52.7	706	372	0.011 - 8.4	0.553	20.0
Thiamethoxam *	I	17	706	120	0.001 - 0.14	0.027	0.30
Triflumizole	F	8.1	706	57	0.003 - 0.24	0.03	2.0
16 Tomatoes (27 pesticides)							
Acetamiprid *	I	11.3	708	80	0.002 - 0.18	0.011	0.20
Azoxystrobin	F	22.5	708	159	0.002 - 0.059	0.009	0.2
Bifenthrin *	I	23.8	689	164	0.002 - 0.072	0.01	0.15
Boscalid	F	9.5	708	67	0.003 - 0.091	0.03	3.0
Buprofezin	I	8.6	708	61	0.002 - 0.058	0.008	2.0
Chlorantraniliprole	I	25.3	708	179	0.003 - 0.051	0.01	1.4
Chlorfenapyr	I	8.2	708	58	0.004 - 0.082	0.018	1.0
Clothianidin *	I	10.3	708	73	0.003 - 0.045	0.005	0.20
Difenoconazole	F	27.1	708	192	0.002 - 0.17	0.014	0.60
Dimethomorph	F	6.2	708	44	0.002 - 0.028	0.009	1.5
Dinotefuran	I	17.8	708	126	0.010 - 0.10	0.023	0.7
Famoxadone	F	5.5	708	39	0.004 - 0.12	0.027	1.0
Fenpropathrin	I	5.4	689	37	0.004 - 0.083	0.02	1.0
Fenpyroximate	A	5.9	708	42	0.002 - 0.081	0.011	0.20
Flonicamid	I	19.5	708	138	0.002 - 0.24	0.025	0.40
Fluopicolide	F	7.2	708	51	0.003 - 0.12	0.011	1.60

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
Fluxapyroxad	F	10.3	708	73	0.002 - 0.033	0.007	0.7
Imidacloprid	I	17.7	708	125	0.003 - 0.18	0.015	1.0
Methoxyfenozide	I	7.8	708	55	0.002 - 0.016	0.005	2.0
Penthiopyrad	F	7.1	708	50	0.003 - 0.060	0.01	3.0
Pyraclostrobin	F	23.2	708	164	0.002 - 0.091	0.01	1.4
Pyrimethanil	F	11.2	708	79	0.002 - 0.19	0.021	0.50
Pyriproxyfen	I	6.5	708	46	0.004 - 0.061	0.009	0.80
Spiromesifen Total [14]	I	5.1	59	3	0.004 - 0.23	0.107	0.45
Sulfoxaflor	I	9	708	64	0.002 - 0.088	0.019	0.70
Tetrahydrophthalimide (THPI) [2]	FM	5.4	688	37	0.006 - 0.12	0.022	0.05
Thiamethoxam *	I	5.4	708	38	0.008 - 0.017	0.008	0.25
17 Watermelon (6 pesticides)							
Bifenthrin *	I	6.2	370	23	0.002 - 0.007	0.003	0.4
Carbendazim (MBC) [1]	F	15.1	370	56	0.001 - 0.021	0.004	1.0
Fluopicolide	F	8.6	370	32	0.005 - 0.034	0.009	0.50
Imidacloprid	I	19.5	370	72	0.003 - 0.12	0.019	0.5
Metalaxyl/Mefenoxam [8]	F	20.8	370	77	0.001 - 0.036	0.005	1.0
Thiamethoxam *	I	14.1	370	52	0.003 - 0.069	0.011	0.2

NOTES

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

NT No tolerance established.

EX1 Exempt from the requirement of a tolerance when applied to growing crops in accordance with good agricultural practices, per 40 CFR 180.905.

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

1 From parent, benomyl.

2 Metabolite of captafol and captan.

3 Includes cyhalothrin lambda plus R157836 epimer.

4 Isomer of parent, spinosad.

5 Metabolite of parent, dimethoate.

6 Isomer of parent, permethrin.

7 From parent, endosulfan.

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

9 From parent, oxamyl.

10 Analytically determined as the salt (hydrochloride).

11 Specific tolerance established for methamidophos in green beans as a possible result of an acephate application.

12 From parent, quintozene.

13 Metabolite of parent, spiromesifen.

14 Includes parent, spiromesifen, plus enol metabolite.

Pesticide Types:

A = Acaricide
I = Insecticide, IM = Insecticide Metabolite
F = Fungicide, FM = Fungicide Metabolite
P = Plant Growth Regulator
H = Herbicide

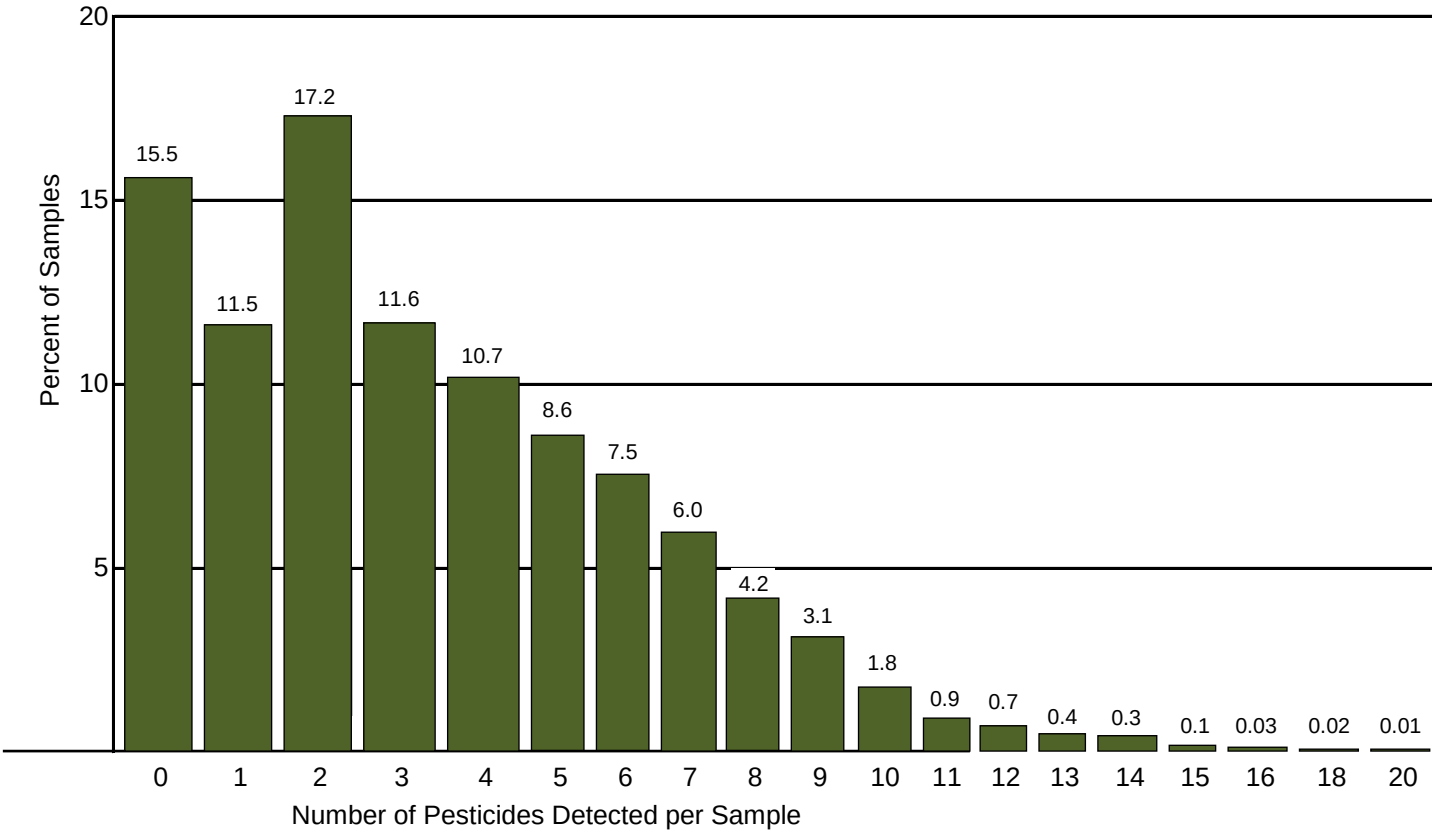
Appendix H

Number of Pesticides Detected per Sample

Appendix H 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 10,187 samples analyzed, 15.5 percent of the samples had no detectable pesticides, 11.5 percent had 1 pesticide, and 73.0 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 H. NUMBER OF PESTICIDES [1] 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	18	20
# of Samples	1,576	1,170	1,748	1,180	1,086	874	768	612	430	313	187	89	75	36	26	11	3	2	1
% of Total Samples	15.5	11.5	17.2	11.6	10.7	8.6	7.5	6.0	4.2	3.1	1.8	0.9	0.7	0.4	0.3	0.1	0.03	0.02	0.01

TOTAL NUMBER OF SAMPLES = 10,187

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

NOTES

[1] Environmental contaminants, listed in Appendix D, 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. NUMBER OF PESTICIDES DETECTED PER SAMPLE

Commodity (# of samples)	Number of Pesticides [1] Detected per Sample																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20
Fresh Fruit and Vegetables:	Percent																		
Apples (708)	2.1	4.2	11.3	18.5	18.8	18.1	12.1	7.6	4.2	1.7	0.4	0.3	0.4	0.1	--	--	--	--	--
Cherries (232)	1.3	4.3	2.6	13.4	15.5	19.4	16.8	13.8	6.5	6.0	0.4	--	--	--	--	--	--	--	--
Cucumbers (378)	9.0	20.9	25.4	19.8	10.3	9.5	3.7	0.5	0.8	--	--	--	--	--	--	--	--	--	--
Grapefruit (177)	5.6	31.1	42.4	14.7	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Grapes (708)	4.2	5.2	9.0	14.1	14.4	12.3	11.2	10.0	8.8	5.8	3.5	0.7	0.6	0.1	--	--	--	--	--
Green Beans (754)	27.9	21.1	22.9	16.3	6.9	2.8	0.9	0.5	0.4	0.3	--	--	--	--	--	--	--	--	--
Lettuce (378)	19.0	28.8	18.8	10.8	5.8	5.3	4.2	1.6	2.4	2.1	0.3	0.5	--	--	--	0.3	--	--	--
Nectarines (578)	0.3	5.7	10.4	10.9	17.6	13.5	13.0	10.4	7.6	4.2	1.7	1.6	1.6	1.2	--	0.3	--	--	--
Oranges (707)	6.9	20.7	67.5	4.5	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Peaches (362)	1.7	11.6	18.8	16.3	15.7	12.7	11.9	5.5	3.0	2.2	0.3	0.3	--	--	--	--	--	--	--
Pears (705)	11.9	6.2	7.1	8.5	15.7	13.6	14.3	10.1	6.4	3.3	2.0	0.6	0.3	--	--	--	--	--	--
Potatoes (707)	0.1	17.0	39.5	24.0	14.7	3.0	1.1	0.6	--	--	--	--	--	--	--	--	--	--	--
Spinach (708)	3.4	6.1	4.8	7.1	9.9	13.4	14.3	12.1	7.9	7.5	5.4	2.4	3.5	0.7	1.3	0.3	--	--	--
Strawberries (706)	4.4	2.0	1.4	4.5	6.8	7.8	11.6	14.7	12.7	11.0	7.9	5.2	3.5	2.7	2.0	0.7	0.4	0.3	0.1
Sweet Corn (468)	98.1	1.7	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomatoes (708)	8.6	9.9	14.5	16.9	16.7	12.0	9.5	4.0	3.0	2.4	1.3	0.3	0.4	0.1	0.3	0.1	--	--	--
Watermelon (370)	29.2	38.6	23.0	6.2	2.2	0.5	0.3	--	--	--	--	--	--	--	--	--	--	--	--
Processed Fruit and Vegetables:																			
Cherries, Frozen (453)	--	5.5	3.5	9.7	15.5	13.0	10.8	15.5	9.1	7.3	6.4	2.2	0.9	0.4	0.2	--	--	--	--
Sweet Corn, Frozen (65)	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Percent of Total Samples	12.8	11.8	17.7	12.0	11.0	8.9	7.8	6.2	4.4	3.2	1.9	0.9	0.8	0.4	0.3	0.1	0.03	0.02	0.01
Actual Number of Samples	1,264	1,167	1,748	1,180	1,086	874	768	612	430	313	187	89	75	36	26	11	3	2	1
TOTAL NUMBER OF FRUIT & VEGETABLE SAMPLES = 9,872																			
Nut Product:																			
Peanut Butter (315)	99.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Actual Number of Samples	312	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

[1] Environmental contaminants, listed in Appendix D, 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 I

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 I shows pesticide residues reported to the U.S. Food and Drug Administration (FDA) as exceeding the established tolerance or residues for which no established tolerance was listed under the Code of Federal Regulations, Title 40, Part 180. In 2015, a total of 441 samples with 496 pesticides were reported to the FDA as Presumptive Tolerance Violations.

Pesticides exceeding the tolerance were detected in 54 samples including 1 sample of fresh cherries, 4 samples of cucumbers, 3 grape samples, 3 samples of green beans, 1 peach sample, 1 pear sample, 8 samples of spinach, 25 samples of strawberries, 2 tomato samples, and 6 samples of watermelon. Of those 54 samples, 18 were reported as imported produce.

In addition, 394 samples were found to have pesticides for which no tolerance was established, including 389 fresh fruit and vegetable samples and 5 processed fruit samples.

- 352 samples contained 1 pesticide for which no tolerance was established.
- 38 samples contained 2 pesticides for which no tolerance was established.
- 3 samples of spinach contained 3 pesticides for which no tolerance was established.
- 1 sample of strawberries contained 4 pesticides for which no tolerance was established.

Seven of the 394 samples also contained 1 pesticide each 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 I 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.

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 I. 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	Cherries, Fresh / Fludioxonil	0.031	6.5	5.0	U.S.
2	Cucumbers / Acephate [1]	0.05	0.46	0.02	U.S.
3	Cucumbers / Acephate	0.05	0.078	0.02	U.S.
4	Cucumbers / Chlorfenapyr	0.005	0.022	0.01	Mexico
5	Cucumbers / Methamidophos	0.01	0.13	0.02	Mexico
6	Cucumbers / Methamidophos [1]	0.01	0.042	0.02	U.S.
7	Grapes / Acetamiprid	0.01	0.63	0.35	Chile
8	Grapes / Acetamiprid	0.01	0.54	0.35	U.S.
9	Grapes / Acetamiprid	0.01	0.36	0.35	Chile
10	Green Beans / Buprofezin [2]	0.001	0.13	0.02	Mexico
11	Green Beans / Chlorfenapyr [2]	0.025	0.11	0.01	Mexico
12	Green Beans / Dimethoate	0.001	3.2	2.0	U.S.
13	Green Beans / Dinotefuran	0.04	0.041	0.01	U.S.
14	Peaches / Chlorpyrifos	0.005	0.38	0.1	U.S.
15	Pears / Thiacloprid	0.005	0.34	0.30	Chile
16	Spinach / Bifenthrin	0.008	1.5	0.2	U.S.
17	Spinach / Bifenthrin	0.008	1.4	0.2	U.S.
18	Spinach / Cyhalothrin, Total [3]	0.003	0.51	0.01	U.S.
19	Spinach / Cyhalothrin, Total [3]	0.003	0.18	0.01	U.S.
20	Spinach / Cyhalothrin, Total [3]	0.012	0.047	0.01	U.S.
21	Spinach / Cyhalothrin, Total [3]	0.003	0.04	0.01	U.S.
22	Spinach / Cyhalothrin, Total [3]	0.012	0.024	0.01	U.S.
23	Spinach / Cyhalothrin, Total [3]	0.003	0.02	0.01	U.S.
24	Strawberries / Abamectin	0.02	0.06	0.05	Mexico
25	Strawberries / Acequinocyl [4]	0.01	3.7	0.50	Mexico
26	Strawberries / Acequinocyl [4]	0.01	1.6	0.50	U.S.
27	Strawberries / Acequinocyl [4]	0.01	1.6	0.50	U.S.
28	Strawberries / Acequinocyl [4]	0.01	1.5	0.50	U.S.
29	Strawberries / Acequinocyl [4]	0.01	1.2	0.50	U.S.
30	Strawberries / Acequinocyl [4]	0.01	1.2	0.50	U.S.
31	Strawberries / Acequinocyl [4]	0.01	1.1	0.50	U.S.
32	Strawberries / Acequinocyl [4]	0.01	1.1	0.50	U.S.
33	Strawberries / Acequinocyl [4]	0.01	1.1	0.50	U.S.
34	Strawberries / Acequinocyl [4]	0.01	0.97	0.50	U.S.
35	Strawberries / Acequinocyl [4]	0.01	0.88	0.50	Mexico
36	Strawberries / Acequinocyl [4]	0.01	0.79	0.50	Mexico
37	Strawberries / Acequinocyl [4]	0.01	0.71	0.50	U.S.
38	Strawberries / Acequinocyl [4]	0.01	0.71	0.50	U.S.
39	Strawberries / Acequinocyl [4]	0.01	0.66	0.50	U.S.

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
40	Strawberries / Acequinocyl [4]	0.01	0.66	0.50	U.S.
41	Strawberries / Acequinocyl [4]	0.01	0.64	0.50	Mexico
42	Strawberries / Acequinocyl [4]	0.01	0.63	0.50	U.S.
43	Strawberries / Acequinocyl [4]	0.01	0.58	0.50	U.S.
44	Strawberries / Acetamiprid	0.003	0.8	0.60	U.S.
45	Strawberries / Myclobutanil	0.003	0.94	0.50	U.S.
46	Strawberries / Myclobutanil	0.01	0.64	0.50	U.S.
47	Strawberries / Myclobutanil	0.01	0.54	0.50	U.S.
48	Strawberries / Tetraconazole	0.003	0.27	0.25	U.S.
49	Tomatoes / Acephate	0.002	0.19	0.02	U.S.
50	Tomatoes / Tetrahydrophthalimide (THPI) [5]	0.004	0.12	0.05	Mexico
51	Watermelon / Acephate [6]	0.03	0.93	0.02	Mexico
52	Watermelon / Acephate	0.03	0.16	0.02	Mexico
53	Watermelon / Acephate	0.03	0.064	0.02	Mexico
54	Watermelon / Acephate	0.03	0.045	0.02	Mexico
55	Watermelon / Methamidophos	0.005	0.096	0.02	Mexico
56	Watermelon / Methamidophos [6]	0.005	0.051	0.02	Mexico
57	Watermelon / Thiabendazole	0.002	0.043	0.02	Mexico

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.
1 Cherries, Frozen (4 pesticides)								
3-Hydroxycarbofuran	453	2	0.4	0.003 - 0.004	0.002 ^	0	2	0
Bupirimate	453	1	0.2	0.002 ^	0.002 ^	1	0	0
Cyphenothrin	453	1	0.2	1.5 ^	0.058 ^	0	1	0
Tebufenpyrad	453	1	0.2	0.010 ^	0.005 ^	0	1	0
2 Cucumbers (6 pesticides)								
Dimethoate	378	1	0.3	0.013 ^	0.010 ^	0	1	0
Fenamiphos (parent) [7]								
Fenamiphos sulfone	378	1	0.3	0.017 ^	0.005 ^	0	1	0
Fenamiphos sulfoxide	378	2	0.5	0.005 - 0.047	0.005 ^	1	1	0
Iprodione	378	2	0.5	0.006 - 0.11	0.005 ^	0	2	0
Quintozene (PCNB)	378	1	0.3	0.018 ^	0.005 ^	0	1	0
Tebufenozide	378	1	0.3	0.010 ^	0.005 ^	0	1	0
Thiacloprid	378	1	0.3	0.032 ^	0.010 ^	0	1	0
3 Grapes (3 pesticides)								
Flusilazole	708	1	0.1	0.002 ^	0.001 ^	0	1	0
Penconazole	708	1	0.1	0.007 ^	0.004 ^	0	1	0
Triadimenol	708	1	0.1	0.23 ^	0.010 ^	0	1	0
4 Green Beans (10 pesticides)								
Carbofuran (parent)	754	4	0.5	0.002 - 0.020	0.001 ^	0	4	0
3-Hydroxycarbofuran [8]	754	1	0.1	0.008 ^	0.002 ^	0	1	0
Chlorpropham	754	1	0.1	0.041 ^	0.020 ^	1	0	0
Difenoconazole	754	3	0.4	0.006 - 0.055	0.005 ^	1	2	0
Fenpropathrin	754	1	0.1	0.064 ^	0.050 ^	0	0	1
Fluopicolide	754	6	0.8	0.002 - 0.021	0.002 ^	2	4	0
Fluoxastrobin	754	1	0.1	0.002 ^	0.001 ^	0	1	0
Oxamyl	754	1	0.1	0.003 ^	0.002 ^	0	1	0
Propamocarb hydrochloride	754	18	2.4	0.001 - 0.28	0.001 ^	7	10	1
Pyrimethanil	754	6	0.8	0.001 - 0.008	0.001 ^	4	2	0
Trifloxystrobin	754	3	0.4	0.004 - 0.019	0.001 ^	1	2	0
5 Lettuce (6 pesticides)								
Carbendazim (MBC) [9]	378	2	0.5	0.002 ^	0.001 ^	2	0	0
Hexythiazox	378	1	0.3	0.002 ^	0.002 ^	1	0	0
Linuron	378	1	0.3	0.004 ^	0.003 ^	0	1	0
Metribuzin	378	1	0.3	0.027 ^	0.005 ^	1	0	0
Oxamyl (parent) [10]	378	2	0.5	0.047 - 0.048	0.003 ^	1	0	1
Oxamyl oxime	378	2	0.5	0.016 - 0.018	0.006 ^	1	0	1
Triforine	378	1	0.3	0.017 ^	0.010 ^	1	0	0
6 Nectarines (6 pesticides)								
Acequinocyl	574	1	0.2	0.082 ^	0.010 - 0.020	1	0	0
Chlorpropham	578	8	1.4	0.006 - 0.049	0.003 - 0.005	8	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.
Diphenylamine (DPA)	578	3	0.5	0.003 - 0.004	0.003 ^	3	0	0
Imazalil	578	11	1.9	0.005 - 0.013	0.003 - 0.005	5	6	0
Tetraconazole	578	1	0.2	0.16 ^	0.003 - 0.005	0	1	0
Thiabendazole	578	38	6.6	0.002 - 0.043	0.001 - 0.003	8	30	0
7 Oranges (1 pesticide)								
Chlorothalonil	707	1	0.1	0.029 ^	0.005 ^	1	0	0
8 Peaches (3 pesticides)								
Chlorpropham	362	4	1.1	0.006 - 0.016	0.005 ^	3	1	0
Imazalil	362	4	1.1	0.012 - 0.049	0.010 ^	1	3	0
Thiabendazole	362	6	1.7	0.011 - 0.031	0.010 ^	1	5	0
9 Pears (1 pesticide)								
Imazalil	705	1	0.1	0.039 ^	0.003 ^	0	1	0
10 Potatoes (3 pesticides)								
Dicofol p,p'	707	1	0.1	0.002 ^	0.001 ^	1	0	0
Norflurazon desmethyl	707	1	0.1	0.002 ^	0.001 ^	1	0	0
Parathion oxygen analog	707	3	0.4	0.005 - 0.034	0.003 ^	3	0	0
11 Spinach (21 pesticides)								
Carbendazim (MBC) [9]	708	1	0.1	0.007 ^	0.001 - 0.005	1	0	0
Chlorpropham	708	1	0.1	0.002 ^	0.001 - 0.020	1	0	0
DCPA	708	32	4.5	0.002 - 0.036	0.001 - 0.020	31	1	0
Dicloran	708	5	0.7	0.004 - 0.029	0.002 - 0.020	4	1	0
Difenoconazole	708	1	0.1	0.18 ^	0.003 - 0.005	1	0	0
Diflubenzuron	708	7	1	0.003 - 0.15	0.002 - 0.076	3	3	1
Dimethoate (parent) [11]	708	1	0.1	0.041 ^	0.002 - 0.005	1	0	0
Omethoate	708	7	1	0.011 - 0.33	0.002 - 0.010	7	0	0
Disulfoton sulfone oxygen analog	708	1	0.1	0.002 ^	0.001 - 0.010	1	0	0
Fenbuconazole	708	1	0.1	0.054 ^	0.001 - 0.005	0	1	0
Linuron	708	12	1.7	0.005 - 0.082	0.003 - 0.007	12	0	0
Norflurazon desmethyl	708	1	0.1	0.006 ^	0.001 - 0.010	1	0	0
Oxamyl	708	1	0.1	0.011 ^	0.002 - 0.004	1	0	0
Oxyfluorfen	358	10	2.8	0.002 ^	0.001 ^	10	0	0
Pendimethalin	708	13	1.8	0.002 - 0.013	0.001 - 0.032	12	1	0
Pentachloroaniline (PCA)	708	2	0.3	0.002 - 0.003	0.001 - 0.002	2	0	0
Prometryn	358	30	8.4	0.002 - 0.033	0.001 ^	29	0	1
Pronamide	708	2	0.3	0.002 ^	0.001 - 0.012	2	0	0
Propamocarb hydrochloride	350	69	19.7	0.001 - 1.0	0.001 ^	69	0	0
Pyrimethanil	708	2	0.3	0.002 - 0.007	0.001 - 0.002	2	0	0
Tetraconazole	358	6	1.7	0.002 - 0.008	0.001 ^	6	0	0
Trifluralin	708	1	0.1	0.005 ^	0.001 - 0.009	1	0	0
12 Strawberries (11 pesticides)								
Chlorothalonil	706	1	0.1	0.010 ^	0.005 - 0.010	1	0	0
Chlorpropham	706	1	0.1	0.005 ^	0.003 - 0.005	1	0	0
Dimethoate	706	1	0.1	0.004 ^	0.001 - 0.003	0	1	0
Fenazaquin	706	3	0.4	0.034 - 0.14	0.001 - 0.003	1	2	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.
Fluopicolide	706	3	0.4	0.001 - 0.005	0.001 - 0.003	3	0	0
Methomyl	706	2	0.3	0.15 - 0.18	0.010 ^	1	1	0
Parathion methyl	706	1	0.1	0.007 ^	0.005 - 0.020	0	1	0
Profenofos	706	1	0.1	0.039 ^	0.005 ^	0	1	0
Propamocarb	706	3	0.4	0.003 - 0.006	0.001 - 0.005	1	2	0
Thiacloprid	706	1	0.1	0.069 ^	0.001 - 0.003	0	1	0
Trichlorfon	706	3	0.4	0.003 - 0.004	0.003 ^	3	0	0
13 Tomatoes (7 pesticides)								
Carbendazim (MBC) [9]	708	24	3.4	0.002 - 0.015	0.001 ^	10	14	0
Chlorpropham	708	23	3.2	0.002 - 0.041	0.001 - 0.003	7	15	1
Fenamiphos (parent) [12]	708	1	0.1	0.002 ^	0.001 ^	0	1	0
Fenamiphos sulfone	708	1	0.1	0.006 ^	0.004 ^	0	1	0
Fenamiphos sulfoxide	708	1	0.1	0.023 ^	0.004 ^	0	1	0
Fenbuconazole	708	3	0.4	0.008 - 0.022	0.001 ^	0	3	0
Iprodione	669	2	0.3	0.015 - 0.032	0.009 ^	0	2	0
Thiabendazole	708	1	0.1	0.006 ^	0.001 ^	0	1	0
Thiacloprid	708	3	0.4	0.006 - 0.027	0.001 ^	0	3	0
14 Watermelon (3 pesticides)								
Atrazine	370	4	1.1	0.002 - 0.006	0.002 ^	3	1	0
Diflubenzuron	370	1	0.3	0.003 ^	0.002 ^	0	1	0
Pentachloroaniline (PCA)	370	3	0.8	0.010 - 0.023	0.004 ^	2	1	0

NOTES 448

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 the U.S. Environmental Protection Agency. In the interim, action levels are used.

1 Methamidophos is a metabolite of the parent, Acephate. One Cucumber sample contained both Acephate and Methamidophos.

2 One green bean sample had tolerance exceeders for both Buprofezin and Chlorfenapyr.

3 Includes cyhalothrin lambda plus R157836 epimer.

4 Acequinocyl in strawberries analyzed as the hydroxy metabolite.

5 Tetrahydrophthalimide (THPI) is a metabolite of Captafol and Captan.

6 Methamidophos is a metabolite of the parent, Acephate. One Watermelon sample contained both Acephate and Methamidophos.

7 One cucumber sample contained both the sulfone and sulfoxide metabolites of Fenamiphos.

8 One green bean sample contained both Carbofuran and its 3-Hydroxycarbofuran metabolite.

9 Carbendazim (MBC) is a metabolite of Benomyl and Thiophanate methyl.

10 Two lettuce samples contained both Oxamyl and its oxime metabolite.

11 Omethoate is a metabolite of the parent, Dimethoate. One spinach sample contained both Dimethoate and Omethoate.

12 One tomato sample contained the parent Fenamiphos plus the sulfone and sulfoxide metabolites.

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 2015

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