USDA Agricultural Marketing Service

Science & Technology
Monitoring Programs Division

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SUBJECT: Program Plan, April 2018 through June 2018 – Pesticide Data Program, Version 1.0

This Program Plan serves as the current Statement of Work for the period April 2018 through June 2018 for each of the States participating in the Pesticide Data Program (PDP). The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA) and the U.S. Food and Drug Administration (FDA).

I. ADMINISTRATIVE UPDATES

A.   Summary Status:

The 2016 PDP Annual Summary was released February 8, 2018. Printed copies will be mailed late Spring/early Summer 2018.

B.   Cooperative Agreements/Financial:

The Federal government is operating under a Continuing Resolution (CR) through March 23, 2018. All States have been issued interim Cooperative Agreements for fiscal year (FY) 2018. Full agreements will be issued once a final budget is passed. Final 270s for FY 2017 for States operating on the calendar year are due no later than March 31, 2018, fo authorized charges that occurred in FY17.

C.   Program Meetings:

PDP Federal/State Meeting: The PDP 2018 Federal/State Meeting will be held February 20-22, 2018 in Crystal City, Virginia. Attendees will include PDP Administrative Managers, Sampling Managers, Technical Program Managers, and Quality Assurance Officers as well as representatives from USDA, EPA, FDA, and industry.

D.   Advisory Committees:

Sampling Advisory Group: Members of the Sampling Advisory Group (SAG) are Saeed Akhtar (New York), Don Gallegos (Colorado), and Nathan Chambers (Washington). Saeed Akhtar serves as the Presiding Member of the SAG.

Technical Advisory Group: Members of the Technical Advisory Group (TAG) are Karen Stephani (New York), Gail Parker (Florida), and Hugh Robinson (Texas). Karen Stephani serves as the Presiding Member of the TAG.

E.   PDP Fiscal Year 2018 Proficiency Testing Program: The PDP FY2018 Proficiency Testing (PT) program schedule (v 1.0) is posted on the PDP Extranet site. Refer to SOPs PDP-ADMIN and PDP-QC for PT program requirements, reporting procedures, acceptability criteria, and requirements for potential follow-up actions.

F.   Standard Operating Procedures:

SOPs Released   February 1, 2018
- PDP-QC: Chemical Compounds, PDP Commodity Grouping, Method Validation and Quality Control

SOPs to be Released April 1, 2018
- PDP-DATA: Data and Instrumentation

SOPs to be Released July 1, 2018
- PDP-LABOP: Sample Processing and Analysis
- PDP-SAMP: Sampling Procedures for PDP

G.   Electronic Transfer of Data

RDE Version Upgrades:
The Monitoring Programs Division (MPD) staff is currently developing a new, distributed RDE application that will be built in MS-Access and installed at each participating laboratory. This system will replace the Web-based RDE system used by participating laboratories. The Web-RDE system uses outdated software components that are no longer supported and does not allow easy fixes or modifications.

The new RDE system will allow easy implementation of changes to table structures to expand field sizes, add new fields, or even add new data tables, which the existing Web-RDE restricts because of registration problems with the separate .DLL components that handle the data import process. Compatibility and security issues with the web browser environment will also be eliminated, such as problems with generating/displaying reports in Web-RDE and importing files using the Java runtime applet. The local database will give labs access to data entered so that ad-hoc queries or customized reports can be run for State-required production reports. Transfer of completed datasets will be handled by e-mail or posting to the PDP Extranet site. This distributed RDE system will allow

laboratories to continue PDP data entry, review and reporting activities when USDA Web resources are shut down. The target completion date for the new, local RDE system is April 2018. The target retirement date for the Web-RDE system is June 2018.

An upgrade to the RDE e-SIF system (V5.0) was developed and distributed to State Sampling Managers in October 2016. The new version captures the package/container type separate from the commodity type, accepts larger entries in text fields like the Lot# and facility name, and eliminates the postharvest fungicide labeling entry. The e-SIF Clearinghouse system at MPD was modified to process incoming e-SIFs in both the old (V4.1) and new (V5.0) formats. All e-SIFs received in the new (V5.0) format are being rolled-back to the old (V4.1) format when the e-SIF text files are generated for import to Web-RDE and delivery to labs. Once a lab is ready to use the new distributed RDE application, e-SIFs in the new (V5.0) format will be sent. Sample data that were left off the rolled-back e-SIF will be restored when the group/set holding the sample is uploaded from RDE into the central PDP calendar-year database at MPD. All State samplers were required to have RDE e-SIF V5.0 installed for use by July 2017. Having all samplers using V5.0 makes the data review process at the receiving labs easier and faster.

H.   Presumptive Tolerance Violation Reporting

Data for Presumptive Tolerance Violations (PTVs) are communicated to FDA and EPA on a monthly basis. FDA utilizes the PTV reports in choosing commodities that require extra sampling. EPA uses the data for dietary risk assessments and pesticide reregistration decisions. MPD is also providing the data to USDA's Office of Pest Management Policy (OPMP) for communication to grower groups, the Foreign Agricultural Service (FAS) to assist in facilitating the export of domestic commodities, and the National Organic Program (NOP) to inform them of any potential PTVs detected on claimed organic samples. PDP States may request a copy of the monthly PTV report by contacting MPD.

An updated tolerance table was issued on January 31, 2018 containing tolerances for all commodities in the program at this time including those that entered the program in October 2017, January 2018 and April 2018. The table shows tolerances (and FDA action levels for organochlorines) for pesticides on all current and upcoming PDP commodities. With almost 700 pesticides and metabolites, there is information for over 10,000 pesticide/commodity pairings. This table includes permanent, interim, regional, and section 18 emergency tolerances as stated in the electronic Code of Federal Regulations (eCFR) or the Informa Agrow Pesticide Chemical News Guide (PCNG), online version. Blank spaces in the table indicate that no tolerance is established or referenced in the PCNG or the eCFR, part 40, section 180.

II.   PROGRAM SAMPLING AND TESTING UPDATES

A.   **Sampling Changes and Rotations:** Shipping charts are distributed quarterly to Sampling Managers by MPD. The Draft shipping Chart for the 2nd quarter of the calendar

year 2018 is attached to this document. Actual shipping dates and fact sheets will be issued under separate cover.

Sampling Deletions

Sweet potato collection ends *March 31, 2018.*

Sampling Additions

Kiwis will be added *April 1, 2018.* Kiwis will remain in the program for two years. All samples will be shipped to the Michigan (MI1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Sampling Changes
Cranberry collection rotates from fresh/frozen to canned *April 1, 2018.*

Sampling Continuations

Asparagus, cabbage, garbanzo beans (canned), green onions, kale, mangoes, olives, peaches (canned), plums/prunes (dried), raisins, snap peas, and wheat flour continue to be sampled.

PDP Sampling Commodity Counts

October 1, 2017 through December 31, 2017 = 14 commodities
- Remove applesauce, grapefruit, and tomatoes (canned)
- Add garbanzo beans (canned), mangoes, and plums/prunes (dried)

January 1, 2018 through March 31, 2018 = 14 commodities
- Remove bottled water, milk, onions, and pineapple (canned)
- Add green onions, peaches (canned), raisins, and wheat flour

April 1, 2018 through June 30, 2018 = 14 commodities
- Remove sweet potatoes
- Add kiwis

B.   Testing Deletions and Changes:

Testing Deletions

Sweet potato collection ends *March 31, 2018.* This ends multi-residue testing of sweet potatoes by the Michigan (MI1) laboratory.

Testing Additions

Kiwis will be added *April 1, 2018.* Kiwis will remain in the program for two years. Multi-residue testing will be performed by the Michigan (MI1) laboratory. Commodity specific requirements regarding analytes of interst are listed in the memorandum posted to the PDP Extranet site.

Testing Continuations

Asparagus, cabbage, cranberries, garbanzo beans (canned), green onions, kale, mangoes, olives, peaches (canned), plums/prunes (dried), raisins, snap peas, and wheat flour continue to be sampled and tested.

C. Web Site for PDP Information:

For Pesticide Data Program information check out our Internet Web Site:

http://www.ams.usda.gov/pdp

Attachment