

U.S. EPA Minor Use Program

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Outline

- Outputs
- Updates
- Questions
- Suggestions



OPP's Mission

The Office of Pesticide Programs' mission is to protect public health and the environment by ensuring pesticides and alternatives are safe and available for a healthy America.



EPA's Minor Use Program - Goals

- Goal is to facilitate safe pest management and ready trade markets
 - EPA's Minor Use Team partners with the IR-4 Program and other stakeholders
 - U.S. pesticide law has several significant incentives to support growers involved in minor crop production
 - MRL decisions harmonize with CODEX and trading partners when possible
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Pesticide Registration Improvement Act (PRIA)

- EPA Working Under PRIA – Fee-for-Service Structure
- Creates time frames for completion of regulatory actions
- For IR-4 Petitions - Same process and decision deadlines as other similar pesticide regulatory applications
- IR-4 Petitions are Exempt from Registration Service Fee



Public Interest Finding Supports the IR-4 Fee Exemption

- 1. The data submitted have been developed by IR-4; and
- 2. The active ingredient, for which the data are developed, must have been already registered for use on a food commodity; and
- 3. The active ingredient/crop combination has been pre-screened by EPA prior to the Food Use Workshop, and EPA has discussed any risk concerns that might hinder registration or the establishment of tolerances with IR-4; and



What's New on Personnel Front at EPA

- Barbara Madden, Minor Use Team Leader, Retired
- Rick Keigwin, selected as Director, Office of Pesticide Programs
- Michael Goodis, selected as Director, Registration Division
- Rosanna Louie-Juzwiak and Tawanda Maignan to serve as acting Branch Chief, Minor Use and Emergency Response Branch
- Working Now to Fill the Team Lead vacancy



Conventional - Registration Actions for 2017

- 6 New Chemicals
- 139 New Uses
- 115 Emergency Approvals
- 40 Inert Ingredients
- 625 (estimate) New Products
- 98% 'on time'



Minor Use Completions – 2017

- EPA registered 44 minor uses requested by IR-4 in 2017
- Registrations tend to focus on low risk chemistries
- Includes 10 Joint Review Projects in 2017



- Chemicals Supported by IR-4 – 2017 Decisions

- Penflufen
- Oxathiapilrolin
- Fenamidone
- Flumioxazin
- Clomazone
- Pyroxasulfone
- Indaziflam
- Flonicamid
- Metaldehyde
- Acequinocyl
- Spirotetramat
- chlorantraniliprole



U.S./Canada Joint Reviews – 2017

Joint Review Completions - 2017	
Penflufen - onion	Indaziflam – hops, caneberry, blueberry
Flumioxazin – broccoli, caneberry	Pyroxasulfone - sunflower
Clomazone – asparagus, edamame	Fenamidone - basil
Acequinocyl – squash, dried bean	Spirotetramat - carrot
Flonicamid – pea, bean, pepper	Fluazifop – (pending) lettuce, rhubarb, onion, strawberry, caneberry
Oxathiapiprolin – asparagus, basil, mustard greens	Fluopicolide (pending) crop group conversions, basil, hops, citrus



IR-4 Actions Via Reduced Risk Program

- Oxathiapiprolin – cacao – approved 4/10/17
- Oxathiapiprolin – caneberry, basil, mustard greens – approved 9/29/16 (asparagus denied)
- Ethofenprox – edible fungi – approved 11/15/16
- Spirotetramat – carrot – approved 11/15/16
- Flonicamid- clover – approved 9/14/17
- Etoxazole – sweet corn – approved 9/14/17
- Acequinocyl – guava – lychee – approved 9/14/17



Emergency Exemptions – Highlights

- 115 cases in FY '17 - 40 Day Average Response Time
- Pyridate – mint – pigweed – 6 states
- Zeta-cypermethrin – blueberries – SWD
- Antibiotic chemicals – citrus greening
- IGR plus microbial – Zika program



Policy Initiatives – PR Notices

- Pesticide Labeling PR Notice for MOA Information to Support Pesticide Resistance Management
- Pesticide Labeling PR Notice for Helping to Address Herbicide Resistant Weeds
- PR Notice – Definition of Economic Minor Use



NAFTA Regulatory Cooperation Council Project

Guideline for Reduced Residue Field Trial Requirements

- EPA and PMRA collaborating on "Guideline for Reduced Residue Field Trial Requirements to support Joint Projects between Canada and the United States"
- Proposed revisions to the field trial requirements for a "NAFTA submission" could allow for joint field trial requirements
 - 20-50% reduction in the number of trials required in each country, depending on the crop
- Canada and IR-4 piloting these efforts now



U.S. Crop Grouping - Overview

- The use of crop groups to establish tolerances for multiple commodities based on data from representative commodities provides growers a greater number of MRLs and pest control tools.
 - Allow for registration of pesticides using smaller data set
 - Eases regulatory burdens
 - Expands opportunities for minor crop producers
 - Reduces testing costs



Crop Group Project – Most Recent Work

- The following groups were established May 2016 under Phase IV of the Crop Grouping Project:
 - Leafy Vegetable Group 4-16
 - Head and Stem Brassica Vegetable Group 5-16
 - Stalk, Stem and Leaf Petiole Group 22
 - Tropical and Subtropical Fruit, Edible Peel Group 23
 - Tropical and Subtropical Fruit, Inedible Peel Group 24
- Next Group – Herbs and Spices
- Additional information available at



EPA-HQ-OPP-2006-0766@regulations.gov



Crop Groups - Future Phases

- Crop Group for Herbs and Spices
- Crop Groups for Legume Vegetables & Foliage of Legume Vegetables
- Cereal Grains and Forage, Fodder and Straw of Cereal
- Crop Group for Grass Forage, Fodder & Hay
- Crop Groups for Root and Tuber Vegetables & Leaves of Root and Tuber Vegetables
- Crop Group for Cucurbit Vegetables
- Nongrass Animal Feeds



Activities Related to Pollinator Protection

- State Management Plans to Strengthen Pollinator Health
- Establish Protections for Acute Risks for Bees on Site for Pollination Services
- Enhance the Data Base for Chemicals Via Registration Review



Bees - Considerations for the Food Use Workshop

- For projects involving crops which involve bee attractive crops, consideration should be given to minimizing pesticide exposure to bees.
- This includes post bloom applications for foliar applications, reduction in use rates or other possible ways to mitigate exposures.
- Projects discussed today may be impacted by the new data requirements by the time submissions are made to the EPA.
- Where exposure cannot be precluded – expanded benefits and use information will help establish a FIFRA finding



Drift Management – Considerations with New Weed Control Tools

- Recent Auxin Labels for Row Crops Require Careful Use
- Specialty crops adjacent to use area tend to be sensitive
- Invite Comments on Experiences



Antibiotics and FIFRA

- Risk assessment process will involve evaluation of hazard and risks of bacterial resistance.
- EPA is working closely with FDA and CDC on pending cases and follows the general FDA process for evaluating bacterial resistance.
- EPA is looking to registrants to develop strong stewardship and resistance management program on these uses.
- Within parameters that provide for pest management - Use patterns should minimize exposures to the environment and workers.



Antibiotics and FIFRA

- Benefits and pest management alternatives to be key factor
- Strongly encourage submission of efficacy data to support the use pattern
- Actions for any submitted FIFRA antibiotics expected to be taken through EPA's public process
<http://www.epa.gov/pesticides/regulating/registration-public-involvement.html>
- EPA working up regulatory proposals now for actions involving kasugamycin, oxytetracycline and streptomycin
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Import Tolerance Pilot

- OPP working with registrants to identify projects for establishing tolerances without accompanying U.S. registrations
- Petitioner submits the final review of the residue chemistry data from JMPR or a National Authority
- EPA relies on these reviews to determine the appropriate tolerance level



Pilot to Support Import Tolerances

- OPP has received five petitions under the pilot
 - **Ametoctradin** on hops (EFSA review - completed)
 - **Tebuconazole** on ginseng (JMPPR review)
 - **Boscalid** on Edible Podded Legume Vegetable Subgroup 6A (EFSA review)
 - **Imidacloprid** on tea and olive (JMPPR review)
 - **Pyrifuquinazon** on tea (JMAFF review)

■ More petitions expected



Websites and Contacts

Pesticide Registration Improvement Act (PRIA) <http://www.epa.gov/pesticides/fees/>
Reduced Risk Web Site <http://www.epa.gov/pesticides/health/reducing.htm>
Section 18 Web Site <http://www.epa.gov/opprd001/section18>
Inerts Web Site <http://www.epa.gov/opprd001/inerts>
Registration Kit Web Site <http://www.epa.gov/opprd001/registrationkit>
Registration Forms Web Site <http://www.epa.gov/opprd001/forms>
Pesticide Applications Web Site <http://www.epa.gov/opprd001/PestApp>
RD Contacts List http://www.epa.gov/opprd001/contacts_rd.htm
Work Plan Web Site <http://www.epa.gov/opprd001/workplan>
Section 18 Web Site <http://www.epa.gov/opprd001/section18>
Chemical Fact Sheets Web Site <http://www.epa.gov/opprd001/factsheets>
Inerts Web Site <http://www.epa.gov/opprd001/inerts>
Registration Kit Web Site <http://www.epa.gov/opprd001/registrationkit>
Registration Forms Web Site <http://www.epa.gov/opprd001/forms>
Pesticide Applications Web Site <http://www.epa.gov/opprd001/PestApp>
RD Contacts List http://www.epa.gov/opprd001/contacts_rd.htm
24(C) Web Site <http://www.epa.gov/opprd001/24c>



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Minor Uses and Grower Resources

This web page provides growers, pesticide manufacturers (registrants) and other interested parties with information about EPA programs designed to ensure safe pesticide tools are available, particularly for those interested in pesticides for the minor uses. A major part of this effort involves the partnerships with other organizations and stakeholders.

On this page:

- [Minor Use Crops and Pesticides](#)
- [International MRLs](#)
- [NAFTA Minor Use Joint Reviews](#)
- [Crop Grouping](#)
- [Exclusive Use Periods](#)
- [Definition of a Minor Use](#)
- [Related Information](#)

Minor Use Crops and Pesticides

Resources

Registration Information

- [Reduced Risk Pesticide Program](#)
- [Workplan for Registration](#)
- [Guidance on PRIA fee waivers and Exemptions](#)
- [IR-4](#) [Exit](#)

Tolerance/MRL Information

- [US Tolerances \(40 CFR Part 180\)](#)
- [Canadian MRLs](#) [Exit](#)
- [Codex MRLs](#) [Exit](#)
- [Index to Tolerance Information](#)

Contact

Thanks for the partnership



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