



Updates from the EPA Office of Pesticide Programs

2018 IR-4 Food Use Workshop
September 19, 2018

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Discussion Topics

- Leadership and Organizational Changes
- Completed IR-4 Petitions
- Pollinator Safety
- Registration Review Updates (Pyrethroids & Neonicotinoids)
- Crop Group Updates
- Antibiotics Update
- Chlorpyrifos Updates
- Chemical/Crop Combinations and Benefits



- Leadership and Organizational Changes
 - Changes within the Office of Pesticide Programs (OPP)
 - Changes within the Minor Use & Emergency Response Branch (MUERB)



Office of Pesticide Programs

Rick Keigwin, Director
Ed Messina, Acting Deputy Director
Vacant, Deputy Director for Management

Antimicrobials Division
Anita Pease, Acting Director
Steven Weiss, Acting Deputy Director

Biological and Economic Analysis Division
Wynne Miller, Director
Neil Anderson, Acting Deputy Director

**Biopesticides and Pollution
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Robert McNally, Director
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**Environmental Fate and
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Health Effects Division
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**Information Technology and
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Delores Barber, Director
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Minor Use & Emergency Response Branch

Kable Bo Davis
Branch Chief

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Minor Use Team Leader

Team Members

- 1. Andy Ertman**
- 2. Sidney Jackson**
- 3. Tamica Cain**

Tawanda Maignan
Emergency Response Team Leader

Team Members

- 1. Andrea Conrath**
- 2. Stacey Groce**
- 3. Tamica Cain**



Minor Use Completions

- EPA registered 48 minor uses requested by IR-4 in 2018
 - Includes new tolerances and crop group expansions
- EPA completed 24 crop group conversions requested by IR-4 in 2018
- Includes 3 Joint Review (or workshare) projects



Pollinator Protection Activities

- State Management Plans to Strengthen Pollinator Health
 - Managed Pollinator Protection Plans (MP3s)
- Pollinator Safety Data
 - Data included with submission of new active ingredients
 - Enhance the database of existing chemicals via Registration Review
 - Prioritization of certain classes of chemicals



What is Registration Review?

- Statutory Mandate – FIFRA Section 3(g)
 - Requires review of each registered pesticide every 15 years
- Scope – ~725 “cases” encompassing over 1,100 pesticide active ingredients (A.I.)
 - Conventional, antimicrobial, and biopesticides
- Statutory Deadline – EPA must complete review of all pesticides by 10/1/2022



Registration Review Progress

Conventionals

- 289 draft risk assessments completed (~37% remaining)
- 225 proposed interim decisions complete (~51% remaining)
- 193 final or interim decisions complete (~58% remaining)

Antimicrobials

- 51 draft risk assessments completed (~64% remaining)
- 49 proposed interim decisions complete (~64% remaining)
- 44 final or interim decisions complete (~68% remaining)

Biopesticides

- 66 draft risk assessments completed (~48% remaining)
- 66 proposed interim decisions complete (~48% remaining)
- 44 final or interim decisions complete (~65% remaining)



Pyrethroids

- The agency has completed preliminary ecological and human health risk assessments for all pyrethroid insecticides. The next step is for the EPA to propose interim decisions under the registration review program.
- The agency has received over 1,400 comments on the preliminary ecological risk assessments.
- Paper peer review of the pyrethroid PBPK models is ongoing.
- After EPA evaluates all the comments received and the PBPK review is completed, the agency will consider both risk and benefits information and propose risk mitigation if necessary.
- EPA is scheduled to issue its registration review proposed decision for the pyrethroids in 2019.



Neonicotinoids

- **Imidacloprid**

- 2016: Preliminary pollinator-only assessment released
- 2017: Remaining risk assessments released

- **Clothianidin, Thiamethoxam and Dinotefuran**

- 2017: All risk assessments released

- **Next Steps**

- 2018: Consider public comments submitted
- 2019: Issue final revised pollinator assessments and proposed interim risk management decisions



Crop Group Updates

- Crop Group Revisions Made Possible Through Collaboration with IR-4
- Crop Groupings Phase V
 - Amending Herbs & Spices (Group 19) into Separate Groups
 - Notice of Proposed Rulemaking (NPRM) Publication Anticipated in February 2019
- Crop Groupings Phase VI
 - Amendments to Roots, Tubers, and Legume Crop Groups



Antibiotics Updates

- OPP recognizes the important role that antibiotics can play in plant disease management, especially for diseases such as citrus greening disease.
- Antibiotic actions require additional consideration due to antibiotic resistance concerns (resistance assessments, Federal Partner consultations (CDC/FDA/USDA), and Public Process).
- The science around antibiotic resistance, especially in the environment, is rapidly evolving and may lead to changes and updates to the resistance assessment process.
- OPP continues work on the antibiotic petitions in house.
 - Kasugamycin uses on cherry subgroup 12-12a and walnut were approved on 3/01/2018
 - The oxytetracycline citrus use Proposed Decision was posted for public comment. Minimal comments were received.



Chlorpyrifos

- On August 9, 2018, the Ninth Circuit granted a petition brought by environmental and civil rights groups
 - The petition requested review of EPA's 2017 order denying a 2007 petition to revoke all tolerances
 - The decision remanded to EPA with direction to revoke all tolerances and cancel all registrations for chlorpyrifos 60 days after the mandate is issued
- EPA is reviewing the decision



Chemical/Crop Information

- Your input/expertise on why certain chemical/crop combinations are needed is important.
- FIFRA is a cost-benefit statute. Benefits factor into:
 - Registration decisions (active ingredient & new uses)
 - Antibiotic assessments
 - Reduced risk decisions (faster timeline)
- Public comment opportunities
 - Useful to received comments about why chemical is needed on specific crops and why



Thank you!

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