

AAPCO Meeting

**Ed Messina, Esq, Director
Office of Pesticide Programs
U.S. Environmental Protection Agency**

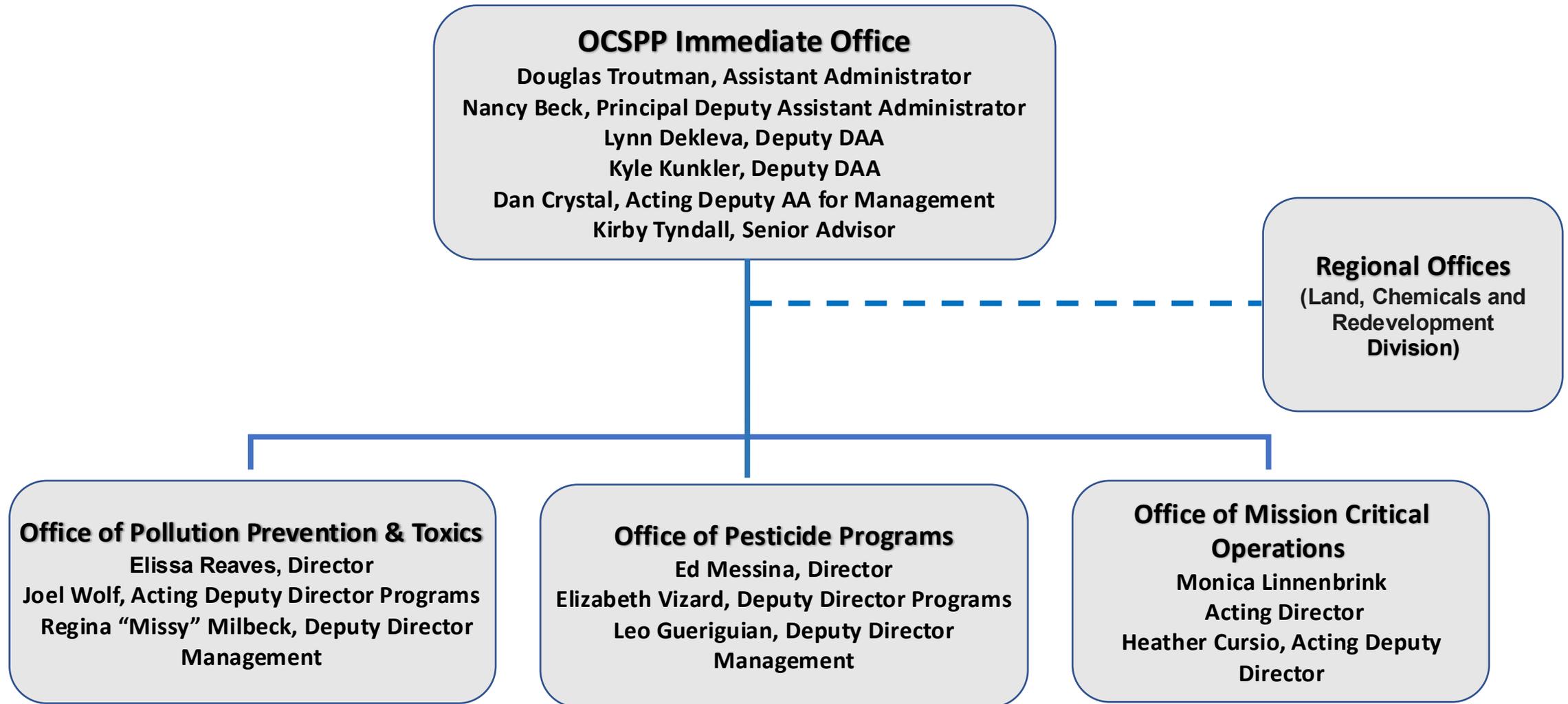
March 2, 2026



Agenda

- People
- Priorities
- OPP Goals and Accomplishments
- Measures and Metrics
- PRIA 5 Implementation Updates
- Program Accomplishments
- ESA
- Recent Actions

OCSPSP Overview: Organization Structure





Office of Pesticide Programs

Edward Messina, Director

Leo Gueriguian, Deputy Director, Management

Elizabeth Vizard, Deputy Director, Programs

Monique Perron, Senior Science Advisor

Catherine Aubee, EDSP Coordinator

Susan Jennings, Senior Advisor for Public Health

Dan Schoeff, Digital Transformation Advisor

Antimicrobials Division

Kristen Willis, Acting Director

Vacant, Deputy Director

Elizabeth Donovan, Associate Director

Biopesticides and Pollution Prevention Division

Shannon Borges, Acting Director

Vacant, Deputy Director

Registration Division

Charles "Billy" Smith, Director

Daniel Rosenblatt, Deputy Director

Jennifer Saunders, Associate Director

Pesticide Re-evaluation Division

Anne Overstreet, Director

Tim Kiely, Deputy Director

Health Effects Division

Dana Vogel, Director

Dana Spatz, Acting Deputy Director

Greg Akerman, Associate Director

Environmental Fate and Effects Division

Amy Blankinship, Acting Director

Vacant, Deputy Dir.

Brian Anderson, Associate Director

Biological and Economic Analysis Division

Donald Wilbur, Director

Neil Anderson, Deputy Director

Administrator Zeldin's Pillars and OPP's Work

- **Pillar 1: Clean Air, Land, and Water for Every American**
 - Utilizing new approach methodologies and integrating EDSP decisions and data needs into FIFRA decisions.
 - Refining pesticide use limitation areas (PULAs) to protect listed species and critical habitat under the Endangered Species Act.
- **Pillar 2: Restore American Energy Dominance**
- **Pillar 3: Permitting Reform, Cooperative Federalism, and Cross-Agency Partnership**
 - Reducing the backlog of PRIA and non-PRIA actions, continued transparency with industry on performance metrics and performance data to show where progress is being made and where more improvement is needed.
- **Pillar 4: Make the United States the Artificial Intelligence Capital of the World**
- **Pillar 5: Protecting and Bringing Back American Auto Jobs**

Pesticide Licensing Programs: Overview

- **Registration and Registration Review:** *regulate manufacture and use of pesticides; reevaluate pesticides currently in the marketplace based on current science standards; and set and update maximum legal residue levels*
- **Continuous Improvements to Reduce Backlog of Pesticide Registration Actions**
- **Continue ESA Implementation in Registration of new pesticides and Registration Review of currently registered pesticides**
- **Implement obligations from MAHA Strategy**

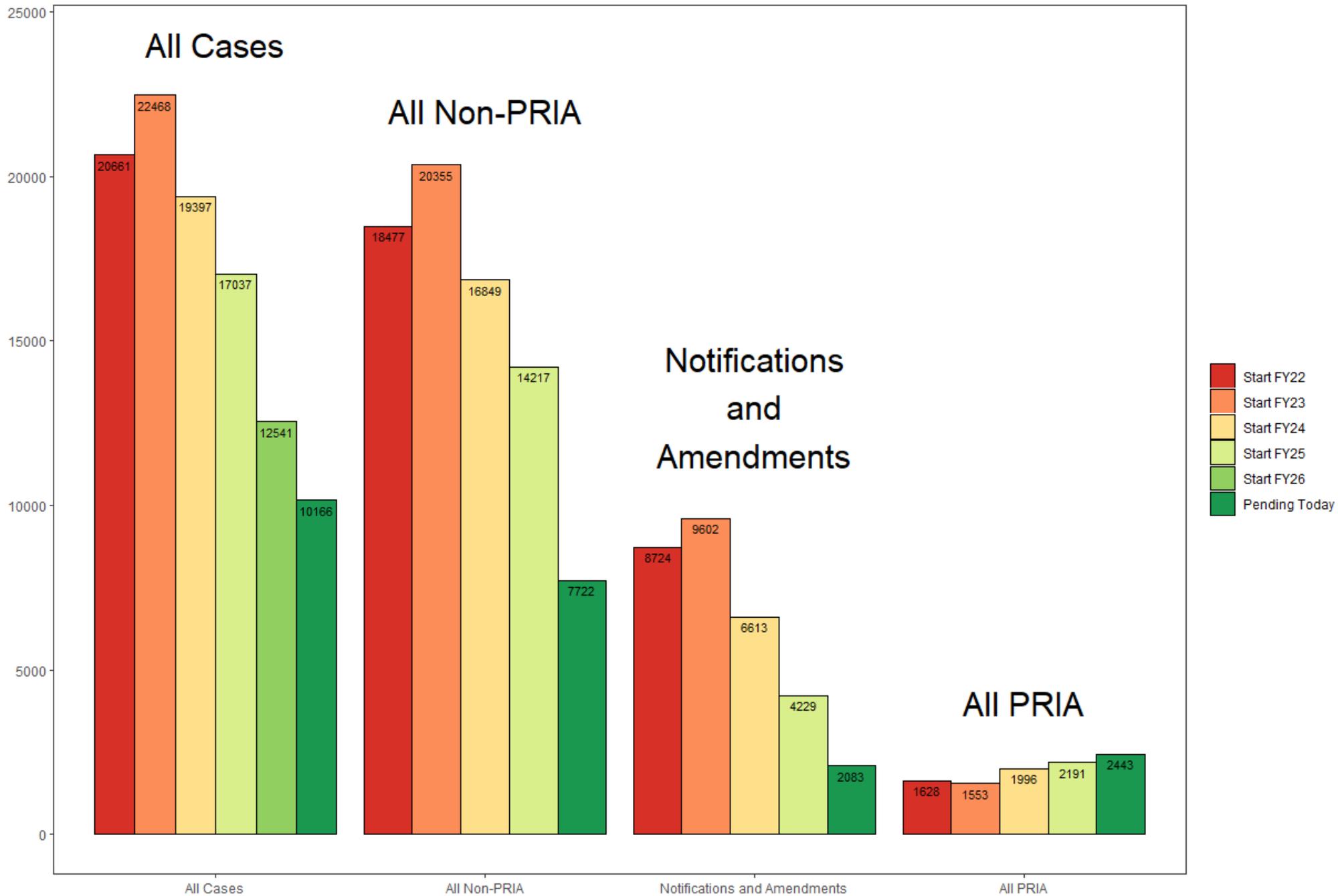
Pesticides Licensing: MAHA Strategy

- **Process Improvements:** Continue work to reform the approval process
- **Agency Restructuring:** Implement EPA reassignments to help improve more timely registration and registration review decisions and ensure implementation of Gold Standard Science
- **Pesticide Review Procedures:** Partner with food and agricultural stakeholders; work to ensure public has awareness and confidence in EPA's pesticide robust review procedures and informs continual improvement
- **Precision Agricultural Technology:** Prioritize research and programs to help growers adopt precision agricultural techniques to optimize crop applications

Pesticides Licensing: MAHA Strategy

- **New Approach Methodologies (NAMs):** Continue commitment to developing NAMs, when appropriate, to prioritize activities that aim to reduce the use of vertebrate animal testing while continuing to protect human health and the environment
- **Cumulative Exposure:** Develop a research and evaluation framework for cumulative exposure across chemical classes
- **Soil Health and Stewardship of the Land:** Promote and incentivize farming solutions in partnership with the private sector that focus on soil health and stewardship of the land
- **Increasing Public Awareness and Knowledge:** Work to ensure that the public has awareness and confidence in EPA's pesticide robust review procedures focused on how that relates to risk mitigation.

Pending Cases Fiscal Year 22 to Today (as of 2/23/2026)

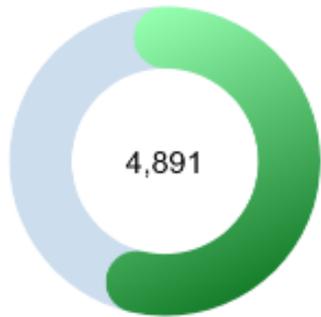


OPP's FY26 Goals Dashboards

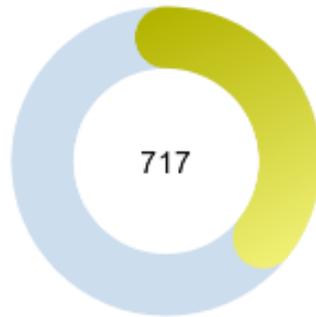
OPP Completed Cases and Backlog FY26

Trend to Goal Green 100%+, Yellow 80-99%, Red <80%

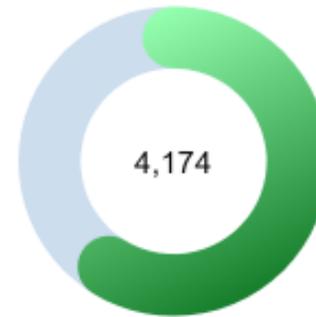
Total Completions (PRIAs and non-PRIAs)
Goal: 9,120 (Stretch 10,014)



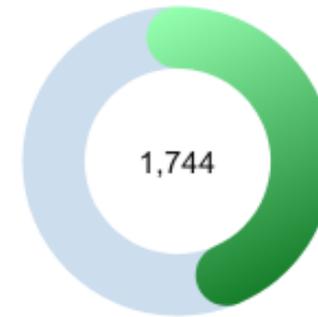
PRIA Completions
Goal 2,015 (Stretch 2,155)



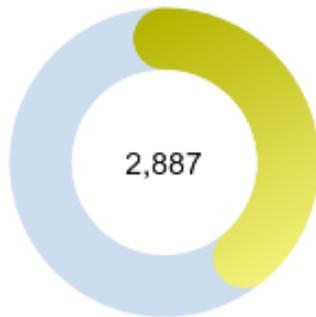
Non-PRIA Completions
Goal 7,105 (Stretch 7,859)



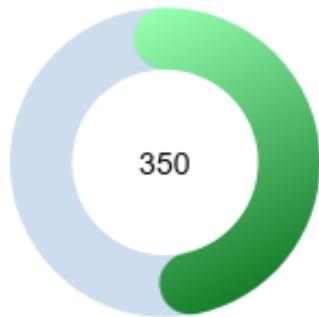
FTAs & Notifications
Goal: 4,005 (Stretch 4,560)



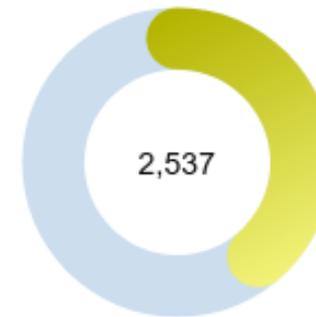
10/01/2025 Total Backlog Completed
Goal 7,425



10/01/2025 PRIA Backlog Completed
Goal 749 of 1,247



10/01/2025 non-PRIA Backlog Completed
Goal 6,553



PRIA 5 Implementation - FY 25 Activities

- EPA webpage on PRIA 5 Implementation:
 - Updates made in September: <https://www.epa.gov/pria-fees/pria-5-implementation>
- PRIA Annual Report
 - FY24 report published to PRIA Annual Reports webpage: <https://www.epa.gov/pria-fees/implementing-pesticide-registration-improvement-act-2022-pria-5-fiscal-year-2024>
 - FY25 report to be published to PRIA Annual Reports webpage early this year
- Bilingual labeling implementation - FAQs, translation guide, implementation plan, outreach
 - <https://www.epa.gov/pesticide-labels/bilingual-labeling>
- Third-Party Process Assessment
 - Report finalized and published to implementation webpage: <https://www.epa.gov/pria-fees/pria-5-process-assessment-report>
- Training Gaps Analysis
 - Report finalized and published to implementation webpage: <https://www.epa.gov/pria-fees/pria-5-gaps-analysis-report>
 - PRIA 5 Training Development grant proposal issued: <https://simpler.grants.gov/opportunity/74ad7de5-a0f5-463d-b337-4f037a11602c>
- Work-Force Analysis
 - Future Deliverable

My Team

Name	Role	Email Address
Gary McDaniel	Company Admin	g.mcdaniel@basfna.com
Lily Kim	Company Rep	l.kim@basfna.com
Verna Bradley	Consultant	verna@bradleyconsulting.com
Terry Evans	Contributor	tevans@e-techlabs.com
Pranav Anjali	Contributor	panjali@asparalabs.com

Applications

Case Number	Product Name	Status	Due Date
00624576	BugZap 9000X	In Progress	10/10/2024
00624577	Killitol Xtreme	Technical Review	06/22/2024
00624578	Krazy Jake's Bug-B-Gone	Scientific Review	07/29/2024
00624579	Lethal Dose	Label Review	02/06/2025

[View All](#)

Registration Review Cases

Case Number:	B674
Case Name:	Test Case #1
Active Ingredient Name:	Poly(oxy(methyl-1, 2-ethanediy)), .alpha.-butyl-.omega.-hydroxy-11/11/2024
PC Code	011901
Case Status	Final Work Plan
Case Number:	B590
Case Name:	Test Case #2
Active Ingredient Name:	Arsan
PC Code	012501
Case Status	Preliminary Work Plan
Case Number:	C220
Case Name:	Case Study on the Effects of Metriben on Lab Rats
Active Ingredient Name:	Metriben
PC Code	017301
Case Status	Final Work Plan
Case Number:	L354
Case Name:	Lab Audit
Active Ingredient Name:	1,4-Dichloro-2,5-dimethoxybenzene
PC Code	027301
Case Status	Draft Risk Assessment

My Products

BugZap 9000X
Admin Number: 32323-GFE
Product Case: 00613521
Case Response Date: 11/11/2024
Case Status: Technical Screen
Cyfluthrin
Admin Number: 46032-CAR
Product Case: 00613519
Case Response Date: 12/13/2024
Case Status: Proposed
Killitol
Admin Number: 42320-BDT
Product Case: 00613517
Case Response Date: 03/04/2024
Case Status: Post Science Review
Heavy Shoe
Admin Number: 68667-HSS
Product Case: 00622971
Case Response Date: 02/24/2023
Case Status: Technical Screen

[View All](#)

Pending Applications

Product Name: BugZap 9000X	Application Date: 4/15/2024
Case Number: 00624576	Start Date: 12/1/2024
Case Subject: R	Projected Completion Date: 02/14/2026
Status: In Progress, Not Submitted	
CDX Package ID: 4	
Product Name: BugZap 9000X	Application Date: 01/15/2024
Case Number: 00624577	Start Date: 09/02/2024
Case Subject: A530	Due Date: 01/11/2025
Status: Technical Review	Projected Completion Date: 08/11/2028
CDX Package ID: 13134	

MyPeST Dashboard
v4 October 2025
Expanded functionality (e.g., Bilingual Labeling)

Frequent Non-PRIA Action Codes (Subjects)

Subject	Category
332	Notification
300, 302	FTA - Label
345, 362	FTA - Formulation
392, 397	Minor Formulation Amendment
570s (e.g., 570, 575, 576)	Terms/conditions of registration
600s (e.g., 627, 676, 679, 681)	Re-evaluation (e.g., 679 = Registration Review Labels)

My DCIs

DCI Number	Date Issued	Active Ingredient Name
GDCI-101101-1870	06/04/2024	Poly(oxy(methyl-1, 2-ethanediy)), .alpha.-butyl-.omega.-hydroxy-11/11/2024
GDCI-101101-1872	05/22/2024	Cholecalciferol
GDCI-101101-1875	03/29/2024	Cyfluthrin
GDCI-101101-1874	02/22/2024	Cholecalciferol

Recent Endangered Species Act Activities

- Issued final **Insecticide Strategy** that identifies practical protections for listed species from the use of insecticides along with **Ecological Mitigation Support Document Version 2.0**
- Issued the **Rodenticide Strategy** as part of the Rodenticide Biological Evaluation to address FIFRA and ESA risks of concern
- Held **stakeholder meetings to refine maps used to create PULAs. Completed approximately 200 maps to date.**
- Hosted the **Ecological Mitigation Menu Webinar** for over 800 participants
- Published final Biological Evaluations for **benzovindiflupyr** and **bicyclopyrone**
- FWS issued draft biological opinions for **atrazine** and **simazine**

Updates on Endangered Species Act Activities

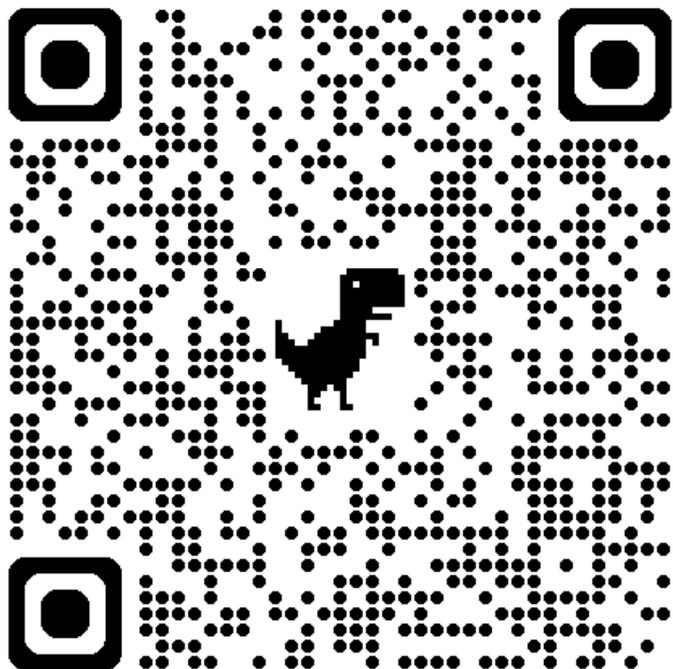
- Developed new Grower App, PALM, and Excel-based spreadsheet tool to help farmers better understand how to achieve necessary levels of mitigation for ESA compliance
- Created ESA Process Improvement Team (PIT) across conventional pesticide divisions to promote consistency, transparency and efficiencies for ESA implementation for registration and registration review.
- Draft Fungicide Strategy due in April 2026
- Framework for non-agricultural uses is under development

Endangered Species

[About the Endangered Species Protection Program](#)

[Assessing Pesticides Under the Endangered Species Act](#)

[Endangered Species: Information For](#)



Pesticides and Endangered Species Educational Resources Toolbox

The Pesticide and Endangered Species Educational Resources Toolbox catalogs educational resources including guidance documents, handouts, presentations, informational webinars, and other resources relating to EPA's endangered species work. EPA developed the materials in this toolbox for a variety of stakeholders who may have differing levels of knowledge about EPA's efforts to protect listed species. For example, crop consultants, retailers, extension agents, and others, may use these materials to educate growers and applicators on the Endangered Species Act strategies or mitigation measures they may see on product labels.

EPA will continue adding new materials to the toolbox as they are developed.

The toolbox can be sorted alphabetically, by publication date, or topic, etc. and has a search function. Select the arrow in each column heading to sort the toolbox by ascending or descending order.

Show entries

Search:

Topic	Subtopic	Title	Category	Last Modified
Bulletins Live	Information	BLT Flyer (pdf) (366.23 KB)	PDF	October 2024
Runoff/Erosion Points Calculator	Spreadsheet	EPA's runoff points calculator (xslm) (172.28 KB)	Excel	October 2024
Runoff/Erosion Points Calculator	How To?	Mitigation Calculator User Guide (pdf) (853.68 KB)	PDF	October 2024
		Application of EPA's Runoff and Erosion and Spray Drift Mitigations Through Scenarios that Represent Crop	PDF file in	

Conservation Programs

- OPP committed to developing a process for reviewing Conservation Programs as part of the final Insecticide Strategy to qualify 9-point programs:
 - Goal is to give growers credit for runoff/erosion conservation practices already in place due to their participation in a program
 - OPP collaborated with USDA to qualify the USDA-NRCS EQIP + CPS 595 as EPA's 1st 9-point program
 - Required the addition of new characteristics that a program needs to achieve to meet protection goals
- Qualified technical experts (external parties) to evaluate fields at less than 9-points was also considered to provide assistance to growers
 - Individuals who could assess existing field conditions but do not have to offer conservation planning

Conservation Programs

- Information Collection Request (ICR) regarding the qualification of conservation programs and technical experts is currently out for comment
 - Comment period closes April 6
- OPP/BEAD has met with SFIREG and SLAs multiple times to answer questions and will continue to collaborate as we develop the final process

Other Recent OPP Actions

- On Feb 6th, EPA issued a final decision for three end-use dicamba products for broadleaf weed control in dicamba-tolerant cotton and soybeans for the next two growing seasons.
- On Feb 6th, EPA released for public comment a proposed process to review and qualify conservation programs and experts that have technical expertise in runoff and erosion measures.
 - Established list of qualified conservation programs and experts will help growers find trusted guidance to control pesticide runoff and erosion on their fields
 - Will support EPA's mission to keep pesticides out of America's rivers, streams, and communities, by making it easier for growers to use proven practices that protect soil, water, wildlife, and human health at the same time

Recent OPP Actions

- Dec. 31st released for public comment proposed updates to **Pesticide Registration Notice (PRN) 98-10**, to provide updated guidance to registrants submitting minor modifications to a registration that do not require extensive EPA review
- Nov. 13th, released an updated review on the potential for **paraquat** to volatilize from treated agricultural fields. As a result, EPA issued a data call-in notice to paraquat manufacturers requesting additional data
- Oct. 9th, released **third-party audit** (assessed operational performance) and training and education gaps report to support implementation of PRIA 5
- Sept. 30th, released final Biological Evaluations and response to comments received for **Bicyclopyrone and Benzovindiflupyr** for effects on endangered species

Recent Registration Actions

- Nov. 20th issued final registration for ten products containing the new active ingredient **Isocycloseram**
- Nov. 5th, issued final registration decision for products containing the new nematocide/fungicide active ingredient **Cyclobutrifluram**
- Nov. 3rd, issued proposed registration decision for two products containing new a.i., **Epyrifenacil**
- Oct. 23rd, issued proposed registration decision for the new a.i., ***Priestia megaterium* strain SYM36613**
- Sept. 25th, issued final registration decision for one technical and two end use products containing the new a.i., **Vadescana**

Pesticides Containing a Single Fluorinated Carbon

- EPA undertakes comprehensive scientific assessments to evaluate any potential pesticide risks to human health and the environment
- EPA ensures that no human health risks of concern exist when pesticides are used according to the label
- Many of the uses of these pesticides are reduced risk compared to other product uses currently on the market
- When setting dietary limits, EPA ensures with “reasonable certainty” that no harm will result to human health
- In 2023, EPA's Office of Pollution Prevention and Toxics (OPPT) established a definition for PFAS that specifically does not include single fluorinated carbons
- Extensive scientific evidence and public input demonstrate molecules with only one fluorinated carbon generally lack the persistence and bioaccumulation properties that are commonly associated with forever chemicals.
- Single fluorinated pesticides registered or proposed for use by EPA have been registered in other countries, including the European Union, Canada, and Australia, among others

EPA's pesticides program is committed to protecting human health and the environment through rigorous, science-based evaluation. As part of its obligation to ensure that all pesticide products and uses are safe, EPA evaluates them using gold-standard science, robust data requirements, and

On this page

How does EPA evaluate pesticides containing a single fluorinated carbon?

Are there any benefits of pesticides containing a single fluorinated carbon?

Have other countries registered pesticides containing a single fluorinated carbon?

Background on the Definition of PFAS

[Link to Pesticides Containing a Single Fluorinated Carbon webpage](#)

Cases in Litigation

- Center for Food Safety (CFS), et al. v. EPA, 1:23-cv-01633 (D.D.C.)
 - Challenge to Enlist One and Enlist Duo registration actions
 - Briefing resumes this spring
- *In re* Pesticide Action and Agroecology Network North America, et al. v. EPA, No. 25-3955 (9th Cir.)
 - Mandamus petition seeking deadline to respond to 2021 petition to revoke tolerances and cancel registrations for 13 OPs
 - Oral argument was held for Dec. 2
- Center for Food Safety v. EPA, No. 25-437 (9th Cir.)
 - Appeal to District Court opinion on EPA's response to the treated seed petition
 - Briefing is underway

Cases in Litigation

- Berkey International, LLC v. EPA, 3:24-cv-01106 (D. PR); Berkey Int'l v. EPA, No. 24-1917 (1st Cir.)
 - Challenge to a SSURO of a water filter that made public health claims and contains a pesticidal ingredient
 - Oral argument on interlocutory appeal of the denial of a preliminary injunction on Oct. 27
- Farmworker Justice, et al. v. EPA, No. 25-8118 (9th Cir.)
 - Challenge to registration of five products containing the new active ingredient Cyclobutrifluram
- Center for Biological Diversity, et al. v EPA, 26-298 (9th Cir.)
 - Challenge to registration of products containing new active ingredient isocycloseram

Cases in Litigation

- ARC Specialty Products, Balchem Corporation v. EPA, 25-60146 (5th Cir.)
 - Challenge to ethylene oxide ID
 - In abeyance until Feb. 20
- California Rural Legal Assistance Found'n, et al. v. EPA, No. 22-71287 (9th Cir.)
 - Challenge to paraquat ID
 - In abeyance with ongoing obligation to file regular status reports
- Rural Coalition, et al. v. EPA, et al., No. 20-73220 (9th Cir.)
 - Challenge to atrazine and simazine IDs
 - EPA's next status report is due March 27

Cases in Litigation

- Monsanto Company v. John L. Durnell, 24-1068 (S.Ct.)
 - Supreme Court granted certiorari on whether state failure-to-warn claims are preempted under FIFRA
- *In re* Natural Resources Defense Council v. EPA, No. 25-1251 (D.C. Cir.)
 - Mandamus petition seeking deadline to respond to 2020 petition to revoke tolerances for 5 neonicotinoid pesticides
 - Response due March 4
- National Family Farm Coalition, et al. v. EPA, No. 26-1021 (9th Cir.)
 - Challenge to dicamba registrations

Pesticide Program Dialog Committee (PPDC) Update

- Stakeholder input is an essential component of our work to protect human health and the environment.
- While undergoing its biennial review required by law, the charter for the PPDC expired.
- EPA is expeditiously working to recharter PPDC.
- Consistent with the Federal Advisory Committee Act (FACA) (5 U.S.C. 1008(c)), the activities of PPDC and its workgroups will temporarily cease until rechartering is complete.

Pesticide Program Public Involvement Opportunities

Opportunities for Public Comment

- [Public Participation in Registration Actions](#) – This link provides a smaller list of pesticide active ingredients that are part of EPA’s effort (initiated in 2009) to expand the opportunities for [public comment on certain pesticide registration actions](#).
 - This list focuses on those actions that involve new active ingredients and the first food use, first outdoor use, and first residential use of currently registered products.
- Pesticide Active Ingredients in [Registration Review](#) and [Reregistration](#) Programs – These lists include all the pesticide active ingredients that EPA is required by law to review to ensure that they meet current scientific and regulatory standards.
 - Registration Review includes [opportunities for public involvement](#).
- To submit comments during an open comment period for an action, go to [Regulations.gov](#). You can search for the docket associated with the action and subscribe to the docket to receive updates about it.
- [Link to Pesticide Programs Public Involvement Opportunities webpage](#)

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