

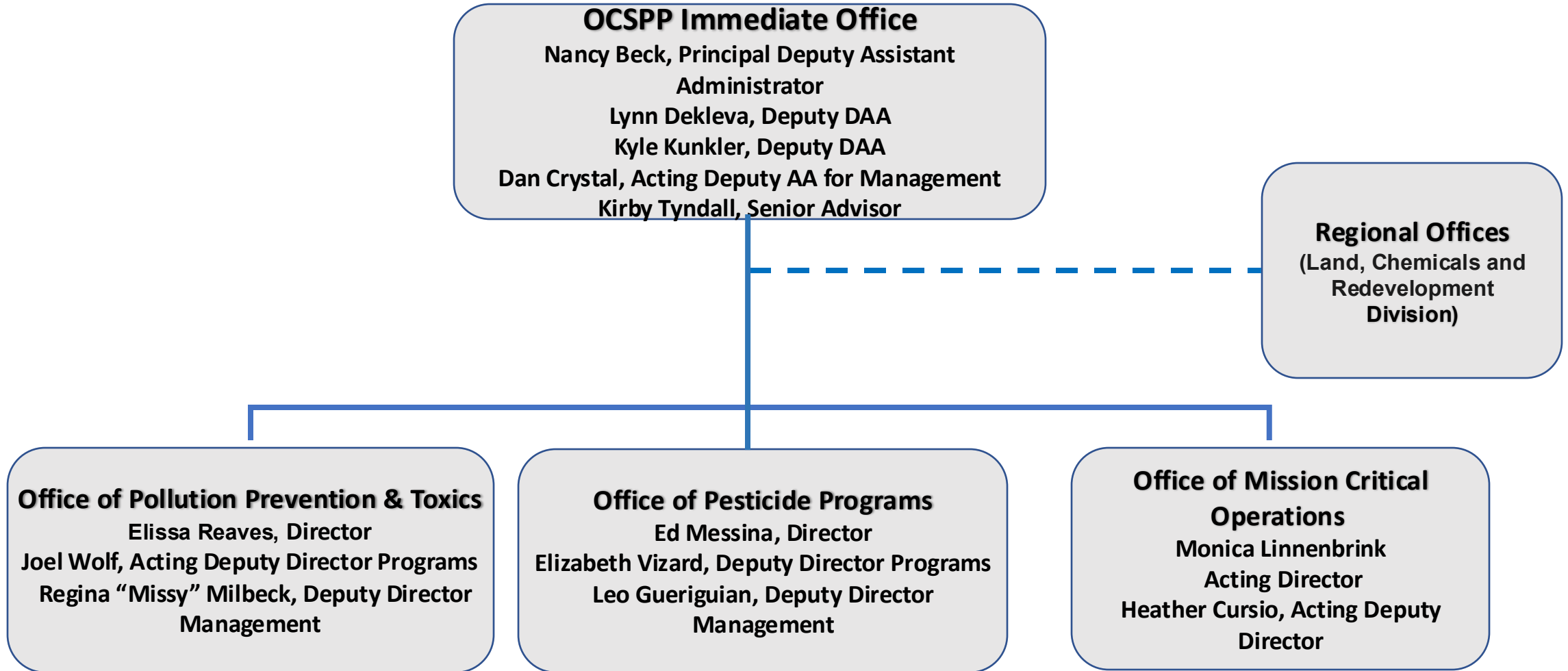
State and Regional Meetings

December 8-10, 2025

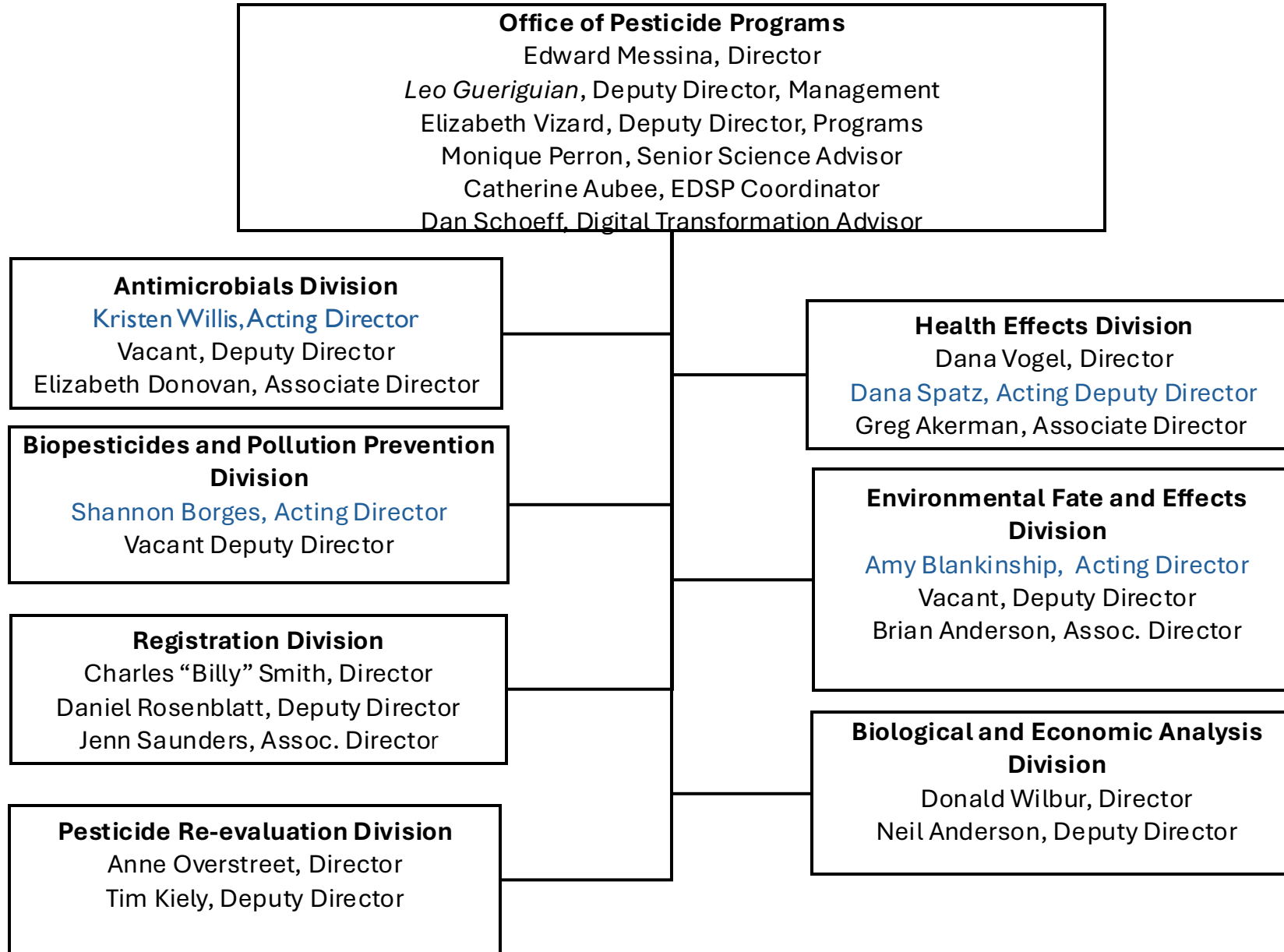
Ed Messina, Director
Office of Pesticide Programs
U.S. Environmental Protection Agency



OCSPP Overview: Organization Structure



Office of Pesticide Programs



Office of Mission Critical Operations

**Office of Mission Critical Operations
Immediate Office
(OMCO)**

**Director: Monica Linnenbrink, acting
Deputy Director: Heather Cursio, acting**

**Information Technology
& Security Division
(ITSD)**

**Director: Jan Krysa, acting
Deputy Director: Norman
Adkins, acting**

1. **Data Management Branch:**
Joshua Powell, acting
2. **Application Design & Support
Branch:** Steven Blair
3. **Application Development
Branch:** Joshua Powell
4. **Infrastructure & Security
Branch:** Keith Avery, acting
5. **Digital Transformation
Branch:** Bob Schultz

**Risk Assessment Support
Division
(RASD)**

**Director: Dale Hoff
Deputy Director: Lance Wormell,
acting**

1. **Health & Ecological
Computational Solutions
Branch:** Lance Wormell, acting
2. **Translational Ecology Branch:**
Michael Hornung
3. **Advanced Health Effects
Solutions Branch:** Adam Biales,
acting
4. **Advanced Ecotoxicology
Solutions Branch:** Adam Biales

**Strategic Resources
Division
(SRD)**

**Director: Shawna Gray, acting
Deputy Director: Kate Graf, acting**

1. **Human Capital Branch:**
Lindsey Johnson
2. **Budget Management Branch:**
Kerry Loar
3. **Financial & Accounts
Management Branch:** Shereta
Pointer

**Regulatory & Information
Services Division
(RISD)**

**Director: Lynn Vendinello, acting
Deputy Director: Kimberly Smith, acting**

1. **Records Support Branch:** Tom Tyler
2. **Information Access Branch:** Earl
Ingram
3. **Science Advisory Committees
Branch:** Gene Stroup, acting
4. **Regulatory Support Branch:** Vacant
5. **Data Lifecycle Management
Branch:** Rachel Holloman

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

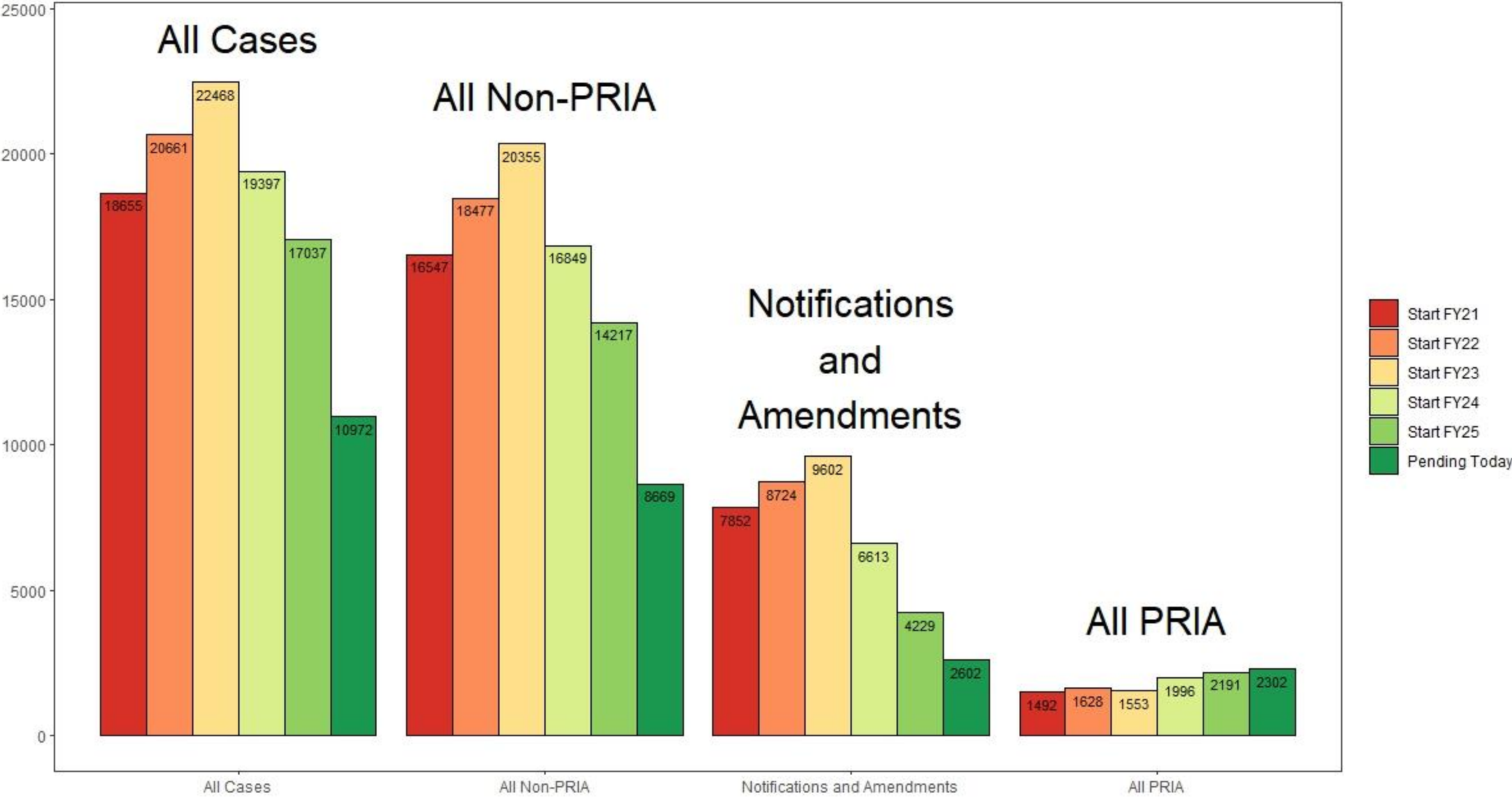
Pesticides Licensing: MAHA Strategy

- **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.

Pesticide Registration Improvement Act (PRIA)

- PRIA was first authorized in 2004 and created a registration service fee system to provide supplemental resources to OPP to achieve more predictable and faster registration decisions.
- PRIA has been reauthorized four times:
 - Most recent - Pesticide Registration Improvement Act of 2022, or PRIA 5, which was signed into law December 29, 2022, and is effective through September 30, 2027
- The backlog is the collection of PRIA and non-PRIA actions in past-due status.
- EPA does not determine how many or what types of applications and requests will be submitted during the year.

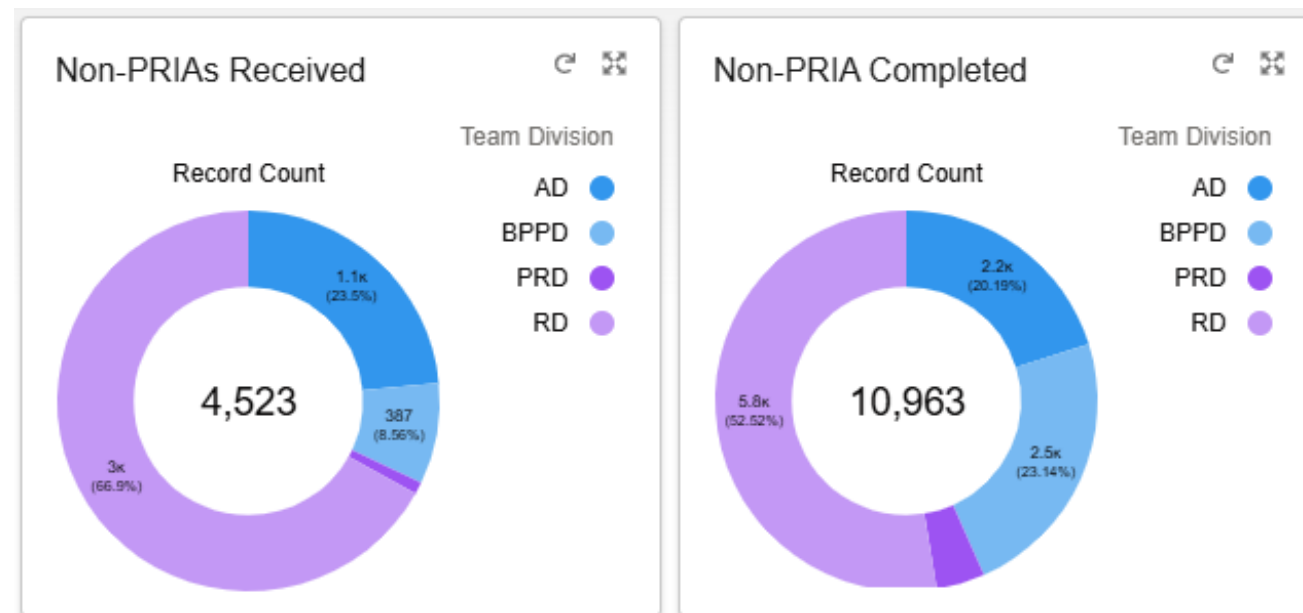
Pending Cases Fiscal Year 21 to Today (as of 9/25/2025)



FY25 Goals and Accomplishments

Non-PRIA Actions

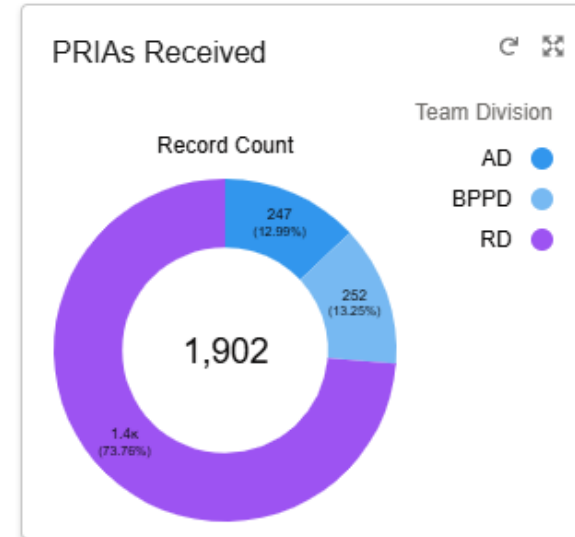
- **Goal: Reduce non-PRIA backlog to below 10,000**
 - **Pending on Oct 1, 2024: 14,037**
 - **Backlog on Oct 1, 2024: 12,962**
 - **Backlog on January 20, 2025: 13,270**
 - **FY 25 non-PRIA actions received: 4,523**
 - **FY 25 non-PRIA actions completed: 10,963**
 - **Final FY25 Backlog (09/29/2025): 8,140**



FY25 Goals and Accomplishments

PRIA Actions

- **Goal: Reduce PRIA percentage of cases late below 76%**
 - **Status: 63%**
- **Goal: Reduce PRIA average days late below 170 (2024 average)**
 - **Status: 171**
 - **Backlog on Oct 1, 2024: 1,273**
 - **Backlog on January 20, 2025: 1,425**
 - **FY 25 PRIA actions received: 1,902**
 - **FY 25 PRIA actions completed: 1,731**
 - **Final FY25 Backlog (09/29/2025): 1,245**



PRIA 5 Implementation and FY25 Deliverables

- **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 next 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>

Digital Transformation Update: Ongoing Work

- **Document Solutions Project and Data Solutions Project:** Moving to cloud based, low code solutions to lower ongoing costs, extracting data automatically (e-label) to lower contract costs and utilizing AI tools to lower science contract costs
- **Process Automation, Data Analysis, Visualizations:** Process Automation (DCI Builder/letters), process mapping (OPP-wide), time to delivery (science staff to regulatory staff), time in process steps of workflows and workload (touch-time and level of effort performance metrics)
- **Customer-facing information through MyPest App:** Externally facing dashboards to improve customer experience for pesticide registrants to track submitted actions and obtain projected completion dates and bi-directional communication with OPP (PRIA 5 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

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

Kilitol

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](#)

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](#)

Pending Applications

Product Name: BugZap 9000X Application Date: 4/15/2024
Case Number: 00624576 Start Date: 12/1/2024
Case Subject: Killitol Xtreme Projected Completion Date: 02/14/2026
Status: In Progress, Not Submitted
CDX Package ID: 42320-BDT

Product Name: BugZap 9000X Application Date: 05/15/2024
Case Number: 00624577 Start Date: 09/01/2024
Case Subject: A530 Due Date: 01/11/2025
Status: Technical Review Projected Completion Date: 08/11/2028
CDX Package ID: 42320-BDT

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)

Status: Label Review Projected Completion Date: 07/30/2027
CDX Package ID: 13134

Registration Review Cases

Case Number: B674
Case Name: Test Case #1
Active Ingredient Name: Poly(oxy(methyl-1, 2-ethanediyl)), .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

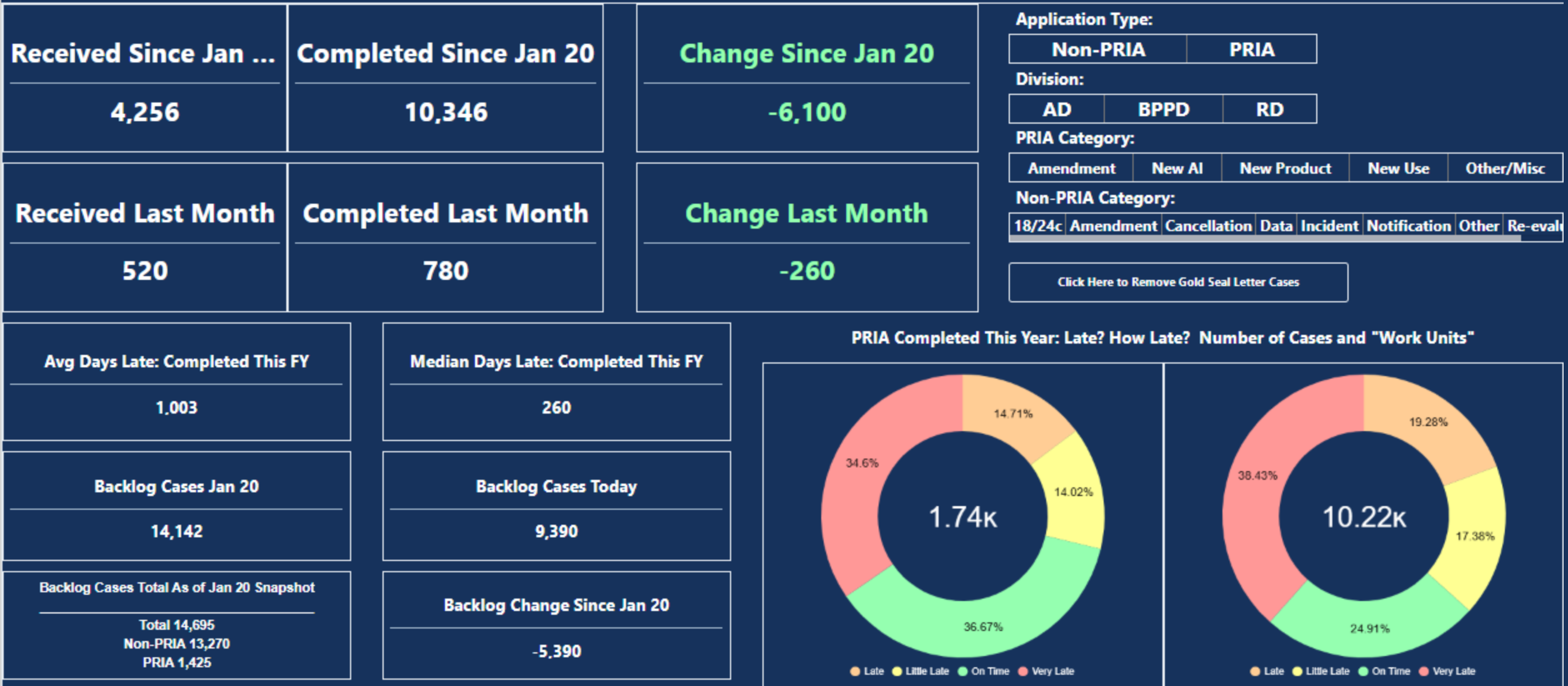
Case Number: C220
Case Name: Case Study on the Effects of Metriben on Lab Rats
Active Ingredient Name: Metriben
PC Code: 017301
Case Status: Final Work Plan

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 DCIs

DCI Number	Date Issued	Active Ingredient Name
GDCI-101101-1874	06/04/2024	Poly(oxy(methyl-1, 2-ethanediyl)), .alpha.-butyl-.omega.-hydroxy-11/11/2024
GDCI-101101-1872	05/22/2024	Cholecalciferol
GDCI-101101-36375	03/29/2024	Cyfluthrin
GDCI-101101-1874	02/22/2024	Cholecalciferol

OPP Monthly Scorecard

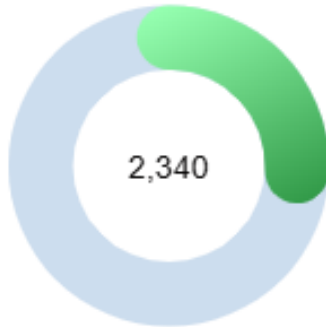


OPP's New Dashboards

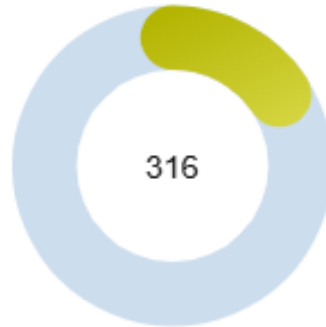
OPP Completed Cases and Backlog FY26

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

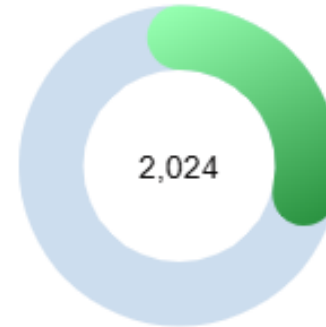
Total Completions (PRIAs and non-PRIAs)
Goal: 9,120 (Stretch 10,014)



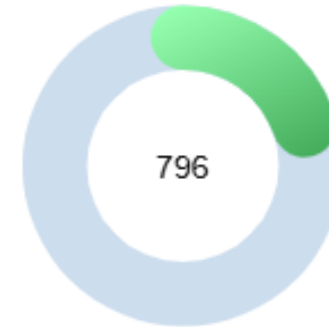
PRIA Completions
Goal 2,015 (Stretch 2,155)



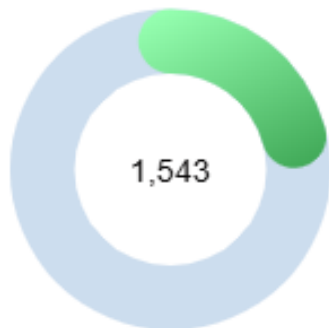
Non-PRIA Completions
Goal 7,105 (Stretch 7,859)



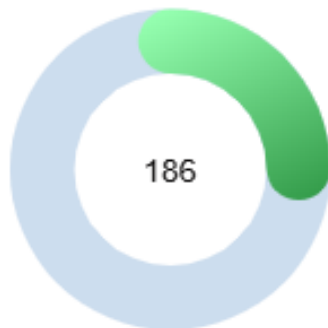
FTAs & Notifications
Goal: 4,005 (Stretch 4,560)



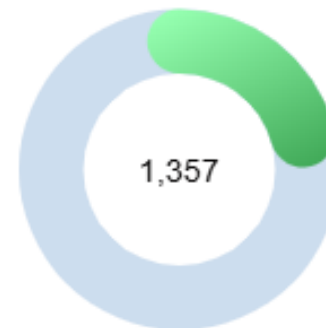
10/01/2025 Total Backlog Completed
Goal 7,425



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



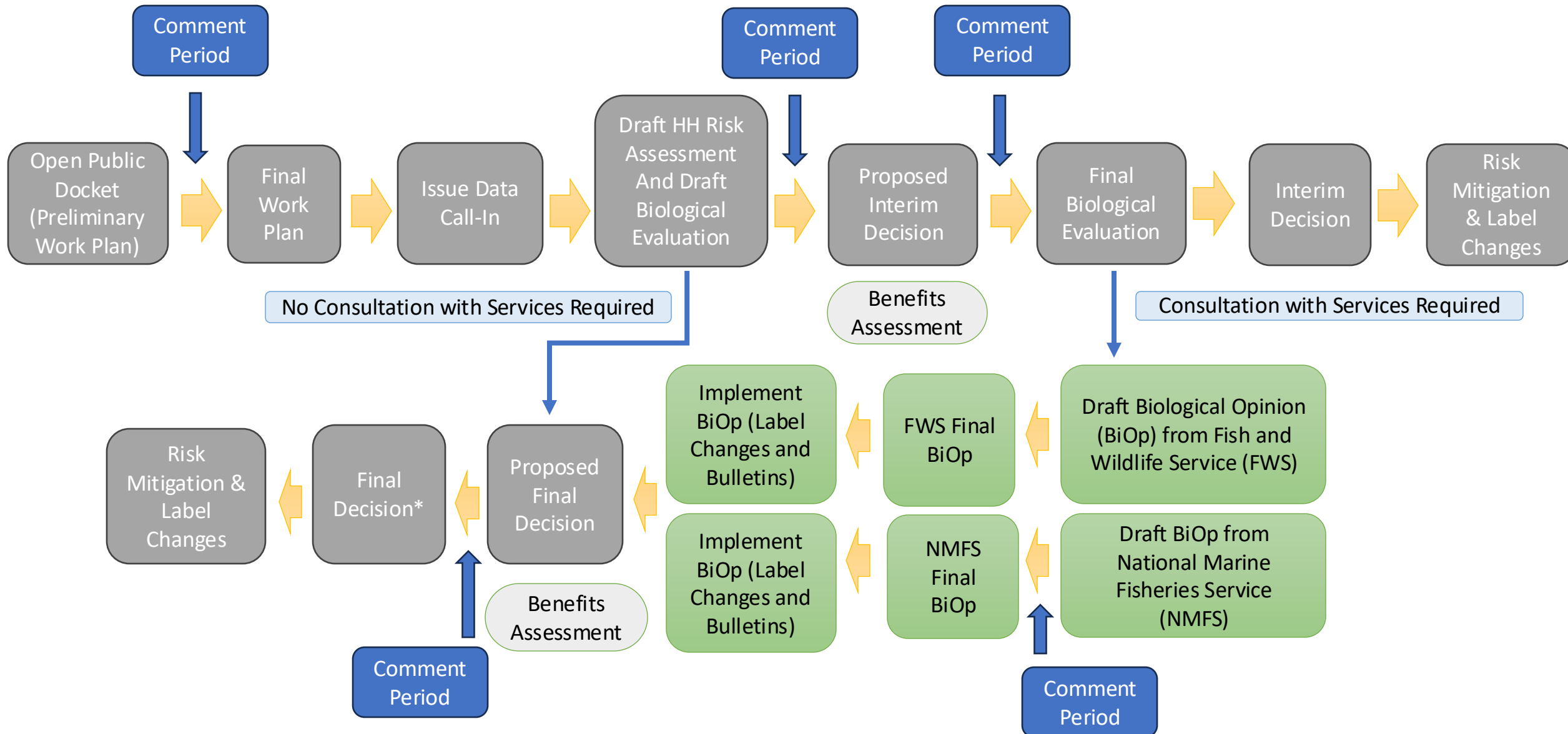
10/01/2025 non-PRIA Backlog Completed
Goal 6,553



FY26 OPP Performance Goals

- Completion of 9,120 registration and registration review actions (FY24: 7,970, FY25: 12,036), with stretch target of 10,014 actions including:
 - 2,015 PRIA actions (stretch 2,155) (FY24: 1,580; FY25: 1,731)
 - 7,105 Non-PRIA actions (stretch 7,859) (FY24: 6,390; FY25: 10,962)
- Completion of 7,105 Non-PRIA actions (FY24: 6,390, FY25: 10,962) with stretch target of 7,859 actions, including:
 - 2,070 Amendments (stretch 2,470) (FY24: 1,651, FY25: 2,027)
 - 1,935 Notifications (stretch 2,090) (FY24: 2,977; FY25: 2,903)
- 60% completion of actions in PRIA Backlog Snapshot on October 1, 2025 (1,247)
 - 749 completed FY26 backlog PRIA actions
- Completion of 2,015 PRIA actions (FY24: 1,580; FY25: 1,731) with a stretch target of 2,155 actions, including:
 - 88 New AIs (includes associated products and petitions) (stretch 89) (FY24: 56; FY25: 84)
 - 896 number of New Products (stretch 951) (FY24: 421; FY25: 652)

Pesticide Registration Review Process



Conventional Registration Review Status

September 2026 Deadline

- 477 conventional registration review cases with a September 2026 deadline for a final decision.
- Conventional registration review milestones completed to date:
 - Draft Risk Assessments for 469 cases (98% of 477 cases)
 - Proposed Final or Interim Decision for 449 cases (94%)
 - Final or Interim Decision for 394 cases (82%)
 - 83 Final or Interim Decisions Remaining to reach 477 completed
 - 98 Final Decisions and 296 Interim decisions completed
 - 89 Full pesticide case cancellations completed

Recent Registration Actions

- Nov. 5th, issued final registration decision for products containing the new nematocide/fungicide active ingredient **cyclobutrifluram** for use on turf, ornamentals, romaine lettuce, cotton and soybean
- Nov. 3rd, issued proposed registration decision for two products containing new a.i., **Epyrifenacil** for use as a pre-plant burndown herbicide for agricultural use in canola, field corn, soybean, wheat, and fallow land, and non-agricultural use on non-crop areas, such as areas around industrial or farm buildings
- Oct. 23rd, issued proposed registration decision for the new a.i., **Priestia megaterium strain SYM36613**, a broad-spectrum fungicide proposed for use on Brassica vegetables, bulb vegetables, root and tuber vegetables, cereal grains, corn, cotton, legumes, oil seeds, peanuts and soybeans
- Sept. 25th, issued final registration decision for one technical and two end use products containing the new a.i., **Vadescana**, for control against Varroa mites (*Varroa destructor*) in honey bee hives

Recent OPP Actions

- Nov. 13th, released an updated review on the potential for **paraquat** to volatilize from treated agricultural fields. As a result, EPA will issue 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
- Oct. 7th, released for comment FWS' draft biological opinions for **atrazine and simazine**
- Sept. 30th, released final Biological Evaluations and response to comments received for **Bicyclopyrone and Benzovindiflupyr** for effects on endangered species

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 comprehensive assessment methodologies. This process ensures that EPA's pesticide reviews allow farmers and other users to have the tools they need to control pests to provide for a safe and abundant food supply while maintaining the highest standards to ensure human health and the environment are protected.

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

Dicamba

- In 2024 Bayer, BASF, and Syngenta submitted applications to EPA's Office of Pesticide Programs to add OTT uses on DT cotton and DT soybean.
- EPA released a proposed decision to register these OTT products in July 2025 with new mitigation measures proposed to reduce ecological risks, including:
 - Requiring the use of volatility-reducing agents and pH-buffering agents, with increasing amounts on hotter days
 - Eliminating previous crop growth stage and calendar-based cutoff dates, with applications prohibited above 95°F
 - Maintaining previously used drift buffers
- The comment period on that proposed decision has closed and EPA is currently evaluating the over 50,000 comments received on this decision.
- Dicamba is also in registration review, and EPA is evaluating all registered products.

Certification of Pesticide Applicators (CPA) Rule Background

- In 2017, EPA updated the Certification of Pesticide Applicators (CPA) Rule ([82 FR 952](#)), requiring revisions to state, territory and tribal certification plans.
- EPA approved new plans for all 50 states, 5 territories and 5 tribes. All certifying authorities are continuing under the old certification program until new plans are fully implemented.
- All state plans will be in the ‘implementation phase’ over the next several years.
- EPA is providing ongoing support of these plans to stakeholders including the facilitation of plan modifications and the development of modification guidance materials.

Certification of Pesticide Applicators (CPA) Rule Background

- CPA Modifications Guidance: EPA released a draft developed through stakeholder engagement in August 2025.
 - EPA is seeking initial feedback from certifying authorities on the draft through Dec. 15, 2025.
- EPA is actively assisting in the state and tribal modifications to the approved plans at both the regional and national levels.
- One plan modification (IN) expected to be approved soon
- All approved plans (some with redactions) are available on:

[Certification Plan and Reporting Database \(CPARD\)](https://cpardpub.epa.gov/ords/cpardpub/f?p=164:6:3562462504523)

<https://cpardpub.epa.gov/ords/cpardpub/f?p=164:6:3562462504523>

FY25 Crop Tours

- **Organized 14 Crop Tours:**
 - 9 Non-local
 - 5 local Tours - arranged with the generosity of grower groups gifting the majority of expenses
- **219** EPA staff (DAAs, ODs, DDs, DDDs, BCs, staff and OGC partners) were able to participate this year
 - ~59 staff attended longer form crop tours
 - ~160 staff attended local crop tours



June 23-27, North Dakota Grain Growers Crop Tour, Grand Forks, ND



Cotton Tour, August 2025, Raleigh NC

**California Rice Commission tour, Sacramento, CA
July 14-18**



Michigan IPM Tour, Sept 9/16-18, Bay City, MI



IR-4 Local Tour, June 11, 2025



Snake River Sugarbeet Growers Association Tour, Boise, ID, July 20-24



National Alliance of Independent Crop Consultants Tour, 9/23-24 North Carolina

Beck's Hybrids Seed Tour, Atlanta, IN, 8/19-20



April 9th Golf Course Superintendents Association tour at the US Naval Academy Golf Course



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 is paused during government shutdown
- *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 is scheduled 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 paused during government shutdown
- 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

Cases in Litigation

- ARC Specialty Products, Balchem Corporation v. EPA, 25-60146 (5th Cir.)
 - Challenge to ethylene oxide ID
 - In abeyance until Dec. 19
- California Rural Legal Assistance Found'n, et al. v. EPA, No. 22-71287 (9th Cir.)
 - Challenge to paraquat ID
 - Status report obligations paused during government shutdown
- 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 Dec. 23
- Monsanto Company v. John L. Durnell, 24-1068 (S.Ct.)
 - Monsanto seeks certiorari on whether state failure-to-warn claims are preempted under FIFRA
 - The Supreme Court asked the Solicitor General for views in July

Sign-up for OPP Pesticide Updates

Get pesticide news story updates by email:

- Go to epa.gov/pesticides
- Go to the “Recent Highlights and Pesticide News” box in the right corner
- Click on “View more pesticide news” at the top
- Go to the “Other Resources” box at the right
- Under, “Get pesticide updates by email,” enter your email address and click “Sign up”

Pesticide News Story Updates



Thank you!