



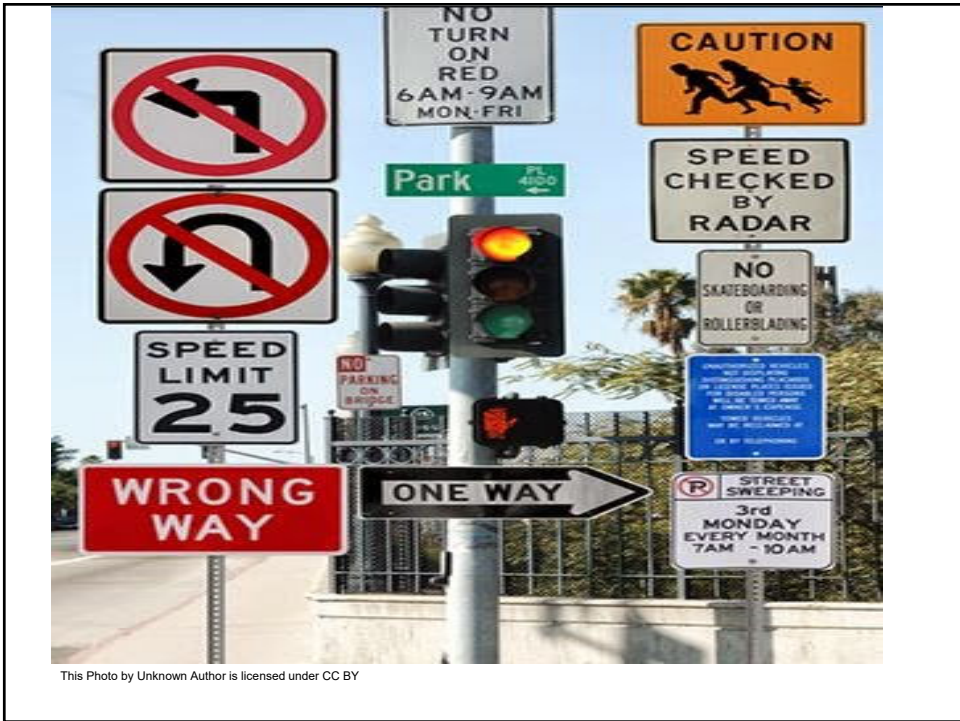
## Finding Successful Crop Protection Solutions in Changing Times

Ninth Annual Mid-South Agricultural & Environmental Law Conference

June 10, 2022

Memphis, TN

CONFIDENTIAL  
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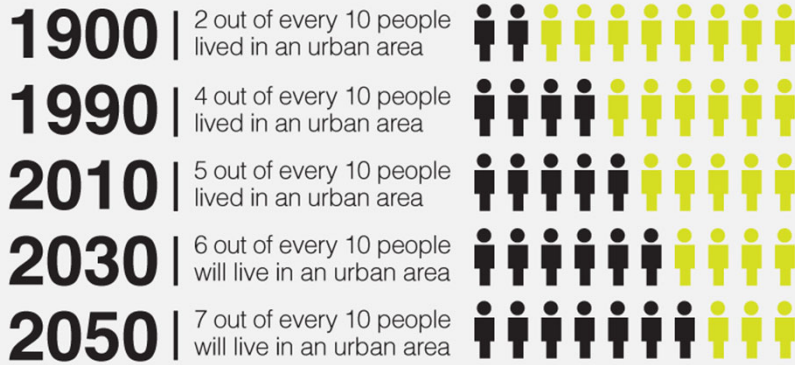




**Source: EPA**  
**Over 57 Pesticides with Current or Upcoming ESA**  
**Commitments**  
**Through 2030**

|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b><u>2021</u></b><br/>                 Methomyl<br/>                 Carbaryl<br/>                 Atrazine<br/>                 Simazine<br/>                 Glyphosate</p> | <p><b><u>2023</u></b><br/>                 Inpyrfluxam<br/>                 Cyantraniliprol<br/>                 e<br/>                 ~ 10 new Als<br/> <b><u>2024</u></b><br/>                 Dinotefuran<br/>                 Acetamiprid<br/>                 Brodifacoum<br/>                 Warfarin<br/>                 Bromadiolone<br/>                 Zinc phosphide<br/>                 Chlorophacinone<br/>                 Diphacinone</p> | <p>Difenacoum<br/>                 Bromethalin<br/>                 Difethialone<br/>                 Cholecalciferol</p> <p><b><u>2025</u></b><br/>                 Flupyradifurone<br/>                 Bicyclopyrone</p> <p><b><u>2026</u></b><br/>                 Streptomycin<br/>                 Acephate<br/>                 Dimethoate<br/>                 Naled<br/>                 Tribufos</p> | <p><b><u>2027</u></b><br/>                 Benzovindiflupyr<br/>                 Halauxifen-methyl<br/>                 Bensulide<br/>                 Ethoprop<br/>                 Phorate<br/>                 Phosmet</p> <p><b><u>In Pending</u></b><br/> <b><u>Litigation</u></b><br/>                 1,3-D (Telone)<br/>                 2,4-D<br/>                 Captan<br/>                 Chlorothalonil<br/>                 Dicamba<br/>                 Diuron</p> | <p>MCPA<br/>                 Mancozeb<br/>                 Metolachlor<br/>                 Metribuzin<br/>                 Oxyfluorfen<br/>                 Paraquat<br/>                 Pendimethalin<br/>                 Propanil<br/>                 Propargite<br/>                 Phosphotrithioate<br/>                 Thiobencarb<br/>                 Trifluralin</p> |
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# Urbanization



Defined by UN HABITAT as a city with a population of more than 10 million

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**EPA phased out a toxic pesticide in 2010. Before Trump left office, it was approved for Florida citrus.**

**As EPA Oversight of Pesticides Shrinks, Workload Doubles —Raising Safety Concerns** 13 May

**Corruption Problems Persist at EPA** 20 May

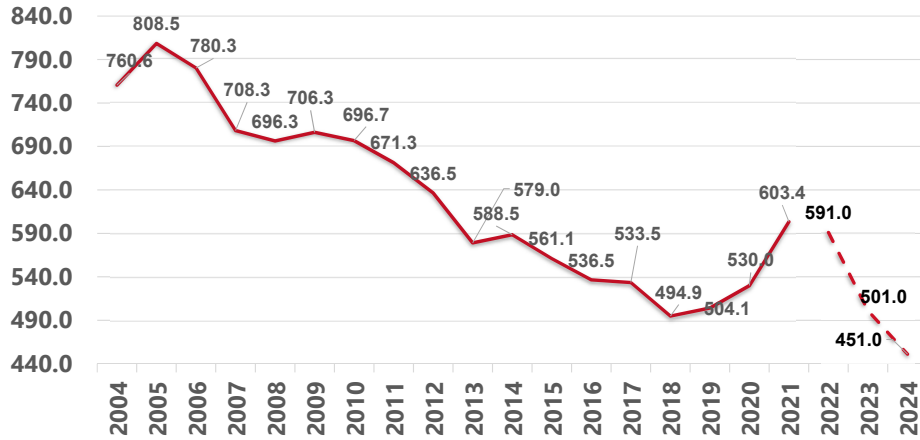
*(Beyond Pesticides, October 26, 2021)* The Office of Pesticides Programs within the U.S. Environmental Protection Agency has become so captured by industry that it has lost sight of its health and environmental mission, according to a scathing critique issued today by 37 environmental, public health, and sustainable agriculture groups, including beekeeper councils. Led by Public Employees for Environmental Responsibility (PEER) and Beyond Pesticides, the groups are urging the Biden administration to adopt reforms within OPP to ensure pesticide approval and use decisions are science-based.



### Opinion: Why it's time to fund EPA

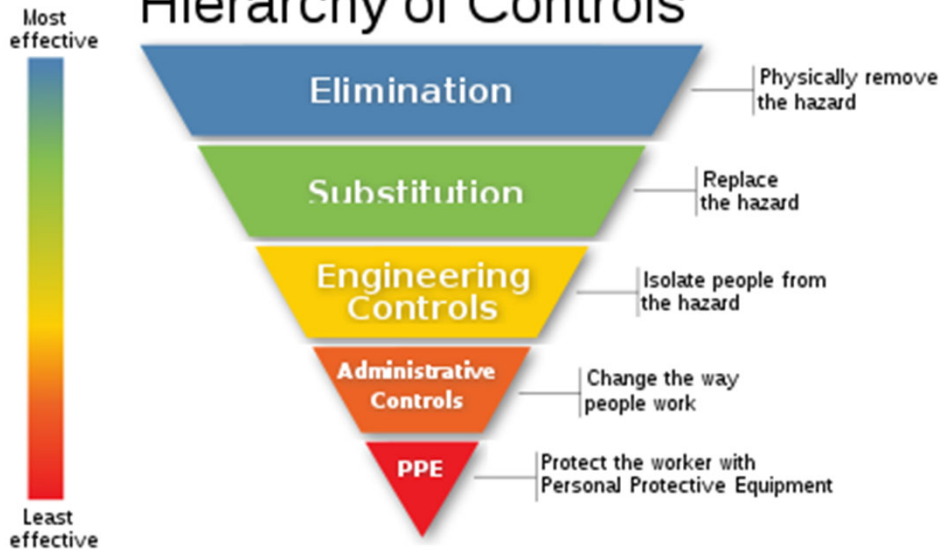
06/06/22 10:22 AM By Chris Novak

#### Decline in OPP staff levels since 2004



Assuming holding retaining existing contract levels. Source EPA.

### Hierarchy of Controls



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**Successful Solutions**

**Mitigate  
Share  
Relationship  
Partner  
Science  
Engage  
Educate  
Participate  
Build  
Video  
Creative Solution  
Focused Outcome  
Show Results**



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