



**Office of Indiana
State Chemist**



2022 Drift Data Review & Dicamba Update

Indiana Pesticide Review Board Meeting
August 9, 2022

-Dave Scott-

Dicamba Registration Status

- **2017**
 - Registered by EPA for over-the-top (OTT) use on DT soybeans & cotton
 - Very complex & detailed label restrictions
 - Dicamba complaint numbers explode for top ten soybean producing states
- **2018**
 - EPA registers dicamba OTT products for two more years (Dec. 2020)
 - More label restrictions to minimize off-target plant damage
 - Most state dicamba complaints don't improve significantly
- **2019**
 - Most state dicamba complaints don't improve significantly, despite some additional state restrictions
- **2020**
 - Indiana & a few other states establish June 20th state application cut-off date
 - Dicamba complaints improve in some states, but not all
 - Ninth Circuit Court of Appeals vacated the dicamba OTT registrations, then EPA issued a cancellation order
 - EPA then issued new registrations thru Dec. 2025 with addl. label restrictions, including June 30th cut-off date
- **2021**
 - Most state dicamba incident complaints remain unchanged or worsen
 - EPA published a report recognizing the nature & extent of dicamba incidents & promises to work with states on state-specific restrictions
- **2022**
 - State dicamba complaints **improve/remain stable/don't improve ???**

EPA December 21, 2021, Dicamba Report

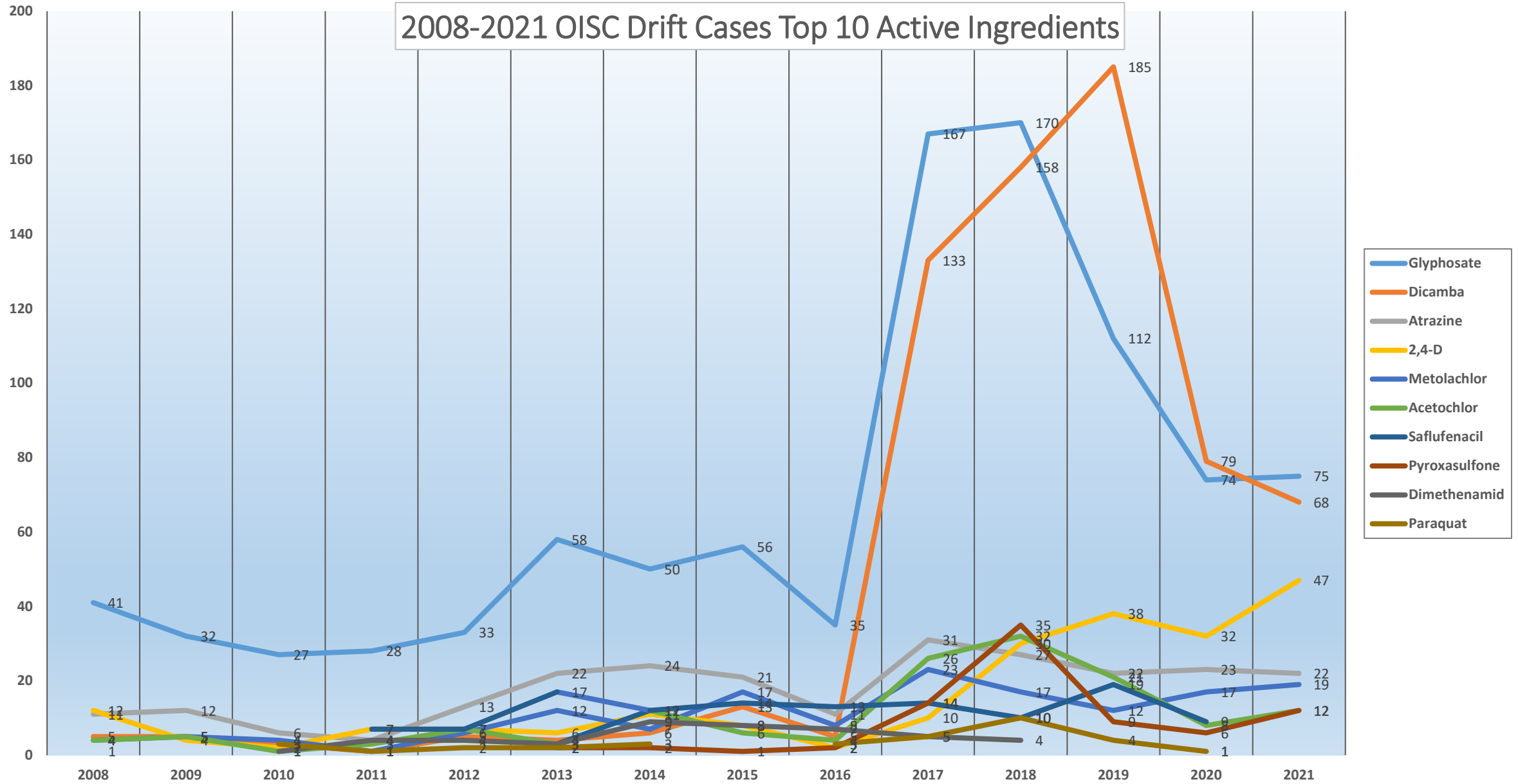
- 3,500 dicamba-related incidents
- More than one million acres of non-DT soybeans allegedly damaged
- Affected crops:
 - sugar beets
 - rice
 - sweet potatoes
 - peanuts
 - grapes
- Affected non-ag plants:
 - residential plants & trees
 - wild area plants & trees (i.e. 160,000-acre wildlife refuge)
- Over 280 incident reports from Endangered Species Act (ESA) dicamba counties

EPA 2021 Report on Dicamba Incidents

<https://www.epa.gov/ingredients-used-pesticide-products/dicamba-2021-report-dicamba-incidents>

1. What is EPA doing now to evaluate over-the-top dicamba registrations?
 - Can OTT dicamba be used to not pose unreasonable risks to non-target crops and plants, or to listed species & their critical habitats?
2. Why does EPA believe that 2021 incident reports may have been underreported?
3. What can farmers expect for the 2022 growing season?
4. Can organizations proceed with the same dicamba trainings as last year?

2008-2021 OISC Drift Cases Top 10 Active Ingredients



OISC Complaint Investigations...as of August 8, 2022

	Total Complaints	Total Drift Complaints	Dicamba Drift	2,4-D Drift	Cat. 1 Drift	PA Drift
2005		30				
2006		35				
2007		54				
2008		95				
2009		62				
2010		69				
2011		64				
2012		68				
2013		108				
2014		100				
2015		83				
2016		90	5			
2017		233	134			
2018		231	158			
2019	455	344	197	59	82	219
2020	316	231	83	49	58	101
2021	299	200	66	42	51	68
2022	274	206	65	46	47	81

Dicamba Drift in Other States

	2016	2017	2018	2019	2020	2021	2022
IN	5	134	158	197	83	66	65
IL							
MI		2	8	10	10	2	8+ ?
MN							22
OH							
WI							6
IA							

2020 - 2022

IPRB established
June 20th cut-off
date thru HVH
designation

IC 15-16-4-17...As used in this chapter, “highly volatile herbicide” means a herbicide that the board has determined to be capable of emitting vapors that may cause serious injury to desired plants by reason of movement of vapors from the area of application of the herbicide to areas inhabited by the desired plants.

IC 15-16-4-59(5)...A person may not use a highly volatile herbicide except on written permission by the state chemist.

2023...OISC recommends:

- maintain HVH & June 20th cutoff ?
- add 85-degree restriction?

Comments

Questions

Discussion ?

Thank you !

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