



**Illinois Fertilizer &
Chemical Association**
Supply • Service • Stewardship

PESTICIDE STEWARDSHIP

2018 is a Pivotal Year



Facts to Keep in Mind

- **Anti Pesticide & Anti GMO Movement Has Grown in Illinois**
- **Most people think all applicators are licensed and trained – this product is not Restricted Use**
- **Soybeans are the MOST sensitive species to dicamba**

Illinois Pesticide Act

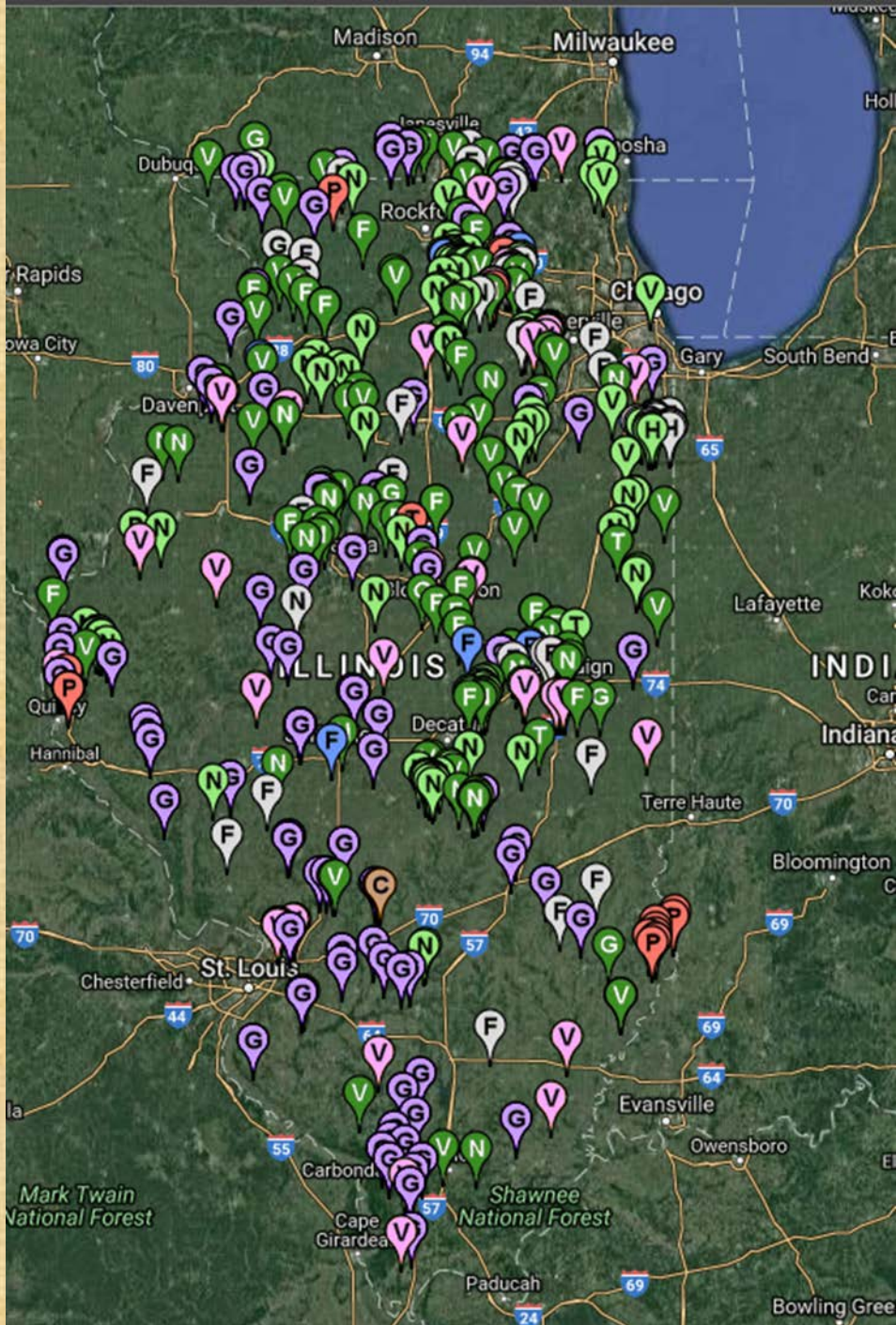
- **We Enjoy Pesticide Preemption – It is not a given**
- **The Applicator is Still 100% Responsible for Off Target Movement**
- **IDA Can Issue Violations Even if Affected Field Does Not Have Yield Loss**
- **Violations, Even Warning Letters, Stay on Record for 3 Years from the Date of Violation. IDA has issued over 90 warning letters so far from 2017 dicamba investigations.**

IFCA's Pre-Season Stewardship Efforts

FieldWatch
Communication. Cooperation. Collaboration.
beecheck driftwatch

- Home
- About FieldWatch
- FieldWatch Registries
- Membership & Sponsorship
- News & Newsletters
- Resources
- FAQ
- Contact Us
- Order Signs

DriftWatch™ for Crop Producers BeeCheck™ for Beekeepers FieldWatch® for Applicators Contact Us



DICAMBA USE ON SOYBEANS IN ILLINOIS

Stewardship Do's and Don'ts



Illinois Fertilizer &
Chemical Association
Supply • Service • Stewardship

DO use only the two products that are approved in Illinois for post-emerge use on Roundup Ready 2 Xtend™ soybeans: **Engenia (BASF)**, **XtendiMax with VaporGrip Technology (Monsanto)** and **FeXapan with Vapor Grip Technology (DuPont)**.

DO NOT apply any other dicamba herbicides to Xtend soybeans. Doing so is a **serious violation** of the Illinois Pesticide Act (415 ILCS 60/1). Misuse will be investigated by the Illinois Department of Ag and willful violations of the Pesticide Act can be treated as a Class A Misdemeanor with fines ranging from \$5,000 to \$10,000. Misuse can also lead to civil litigation and threaten the continued availability of these products for agricultural use.

DO utilize a pre-emerge weed management program to help ensure effective early-season weed control.

DO NOT use Engenia, XtendiMax or FeXapan as a rescue treatment. They are **NOT** meant to be the only herbicide used to control weeds in soybeans.

DO NOT tank mix Engenia, XtendiMax or FeXapan with any other products such as ammonium sulfate, UAN, adjuvants or other herbicides without first consulting the product websites to determine if or when a tank mix is approved for these products. Go to www.engeniatankmix.com, www.xtendimaxapplicationrequirements.com and www.fexapanapplicationrequirements.dupont.com.

DO thoroughly read and follow ALL label directions for these products including weed height, wind speed restrictions, spray nozzle selection and boom height, required buffer zones, product use restrictions and scouting for sensitive crops.



KNOW WHEN NOT TO APPLY these products to protect non-target, sensitive crops.

DO consult FieldWatch™ (www.fieldwatch.com) and access their program DriftWatch™ to assist in identifying the location of sensitive specialty crops in your area such as vineyards, nurseries and vegetable crops. Take special precautions to ensure the fields being treated are RR 2 Xtend soybeans and avoid all contact with non-Xtend soybeans.

DO NOT VIOLATE THE PESTICIDE LABEL. Talk to your crop adviser and ag retailer about viable options for weed control in soybeans. The continued availability of this new post-emerge technology depends upon everyone making good management decisions and complying with the pesticide label.

The University of Illinois Pest Management Bulletin is an additional resource that discusses the responsible management of the Xtend soybean trait: <http://bulletin.ipm.illinois.edu/?p=3545>

For questions regarding the proper use of these products or the Illinois Pesticide Act, please contact:

Jean Payne, Illinois Fertilizer & Chemical Association: 309.827.2774 or jeanp@ifca.com
Dr. Aaron Hager, University of Illinois Dept of Crop Sciences: 217.333.9646 or hager@illinois.edu
Brad Beaver, Illinois Department of Agriculture: 217.785.2427 or brad.beaver@illinois.gov

- Had Meeting with IL Dept of Ag in December 2016 to Consider RUP designation
- Ran the “**Do and Don’t**” poster in all major ag publications
- Had Detailed Education Sessions @ IFCA Winter 2017 Convention: *Drs. Norsworthy, Bradley, Hager & Gary Schmitz (BASF)*

We Distributed 500+ Red Flags

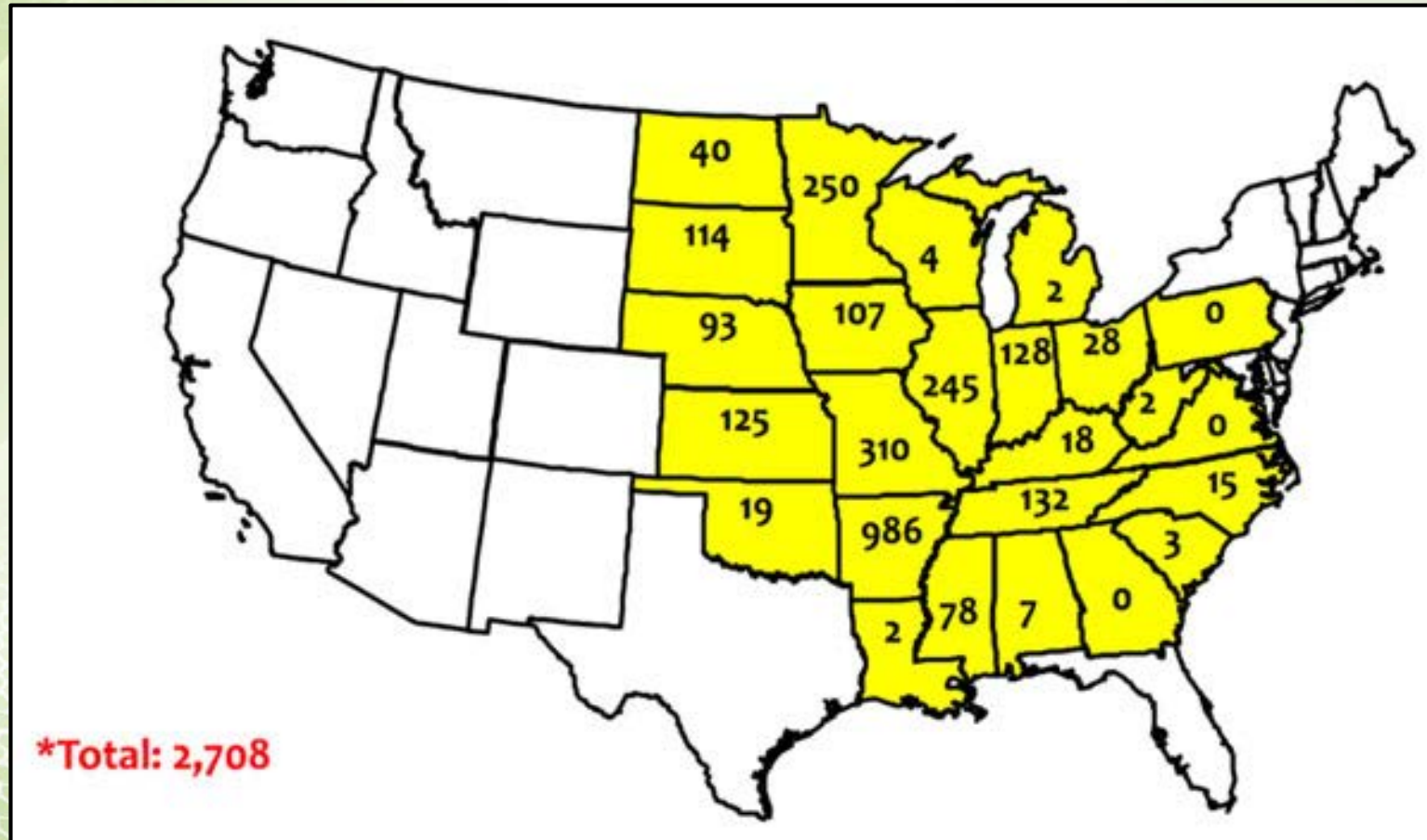
- Focused on Organic and non GMO Soybean Growers
- Worked through the IFCA retailers to get flags to the growers; grower groups were not interested in the flags
- Prepared postcard with instructions for use



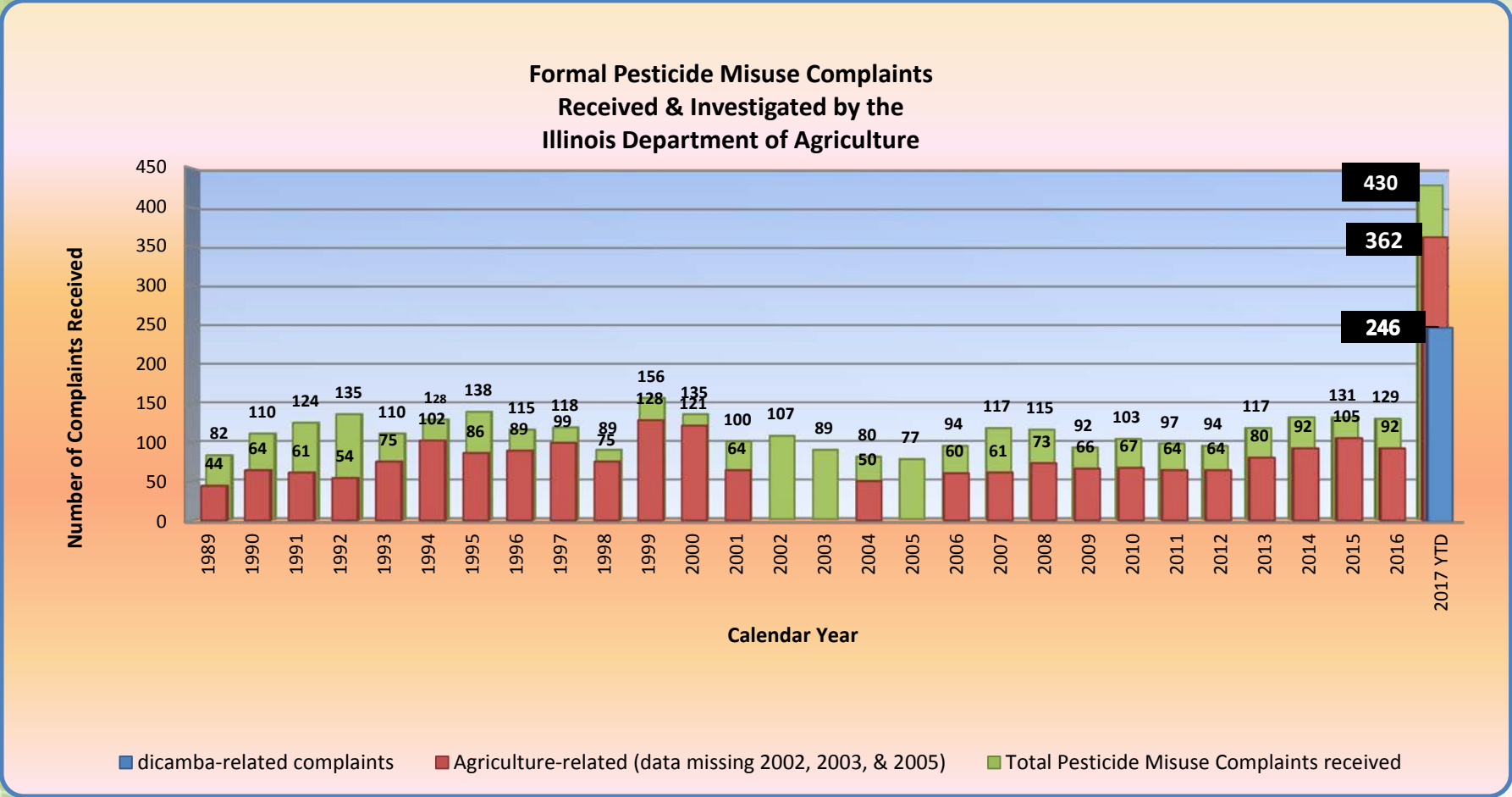
- IDA has 246 formal dicamba misuse complaints;
- **In a normal year, IDA receives 125 complaints TOTAL; in 2017 there are 350+ pesticide complaints**
- Retailers faced with handling their own issues plus private applicator applied issues



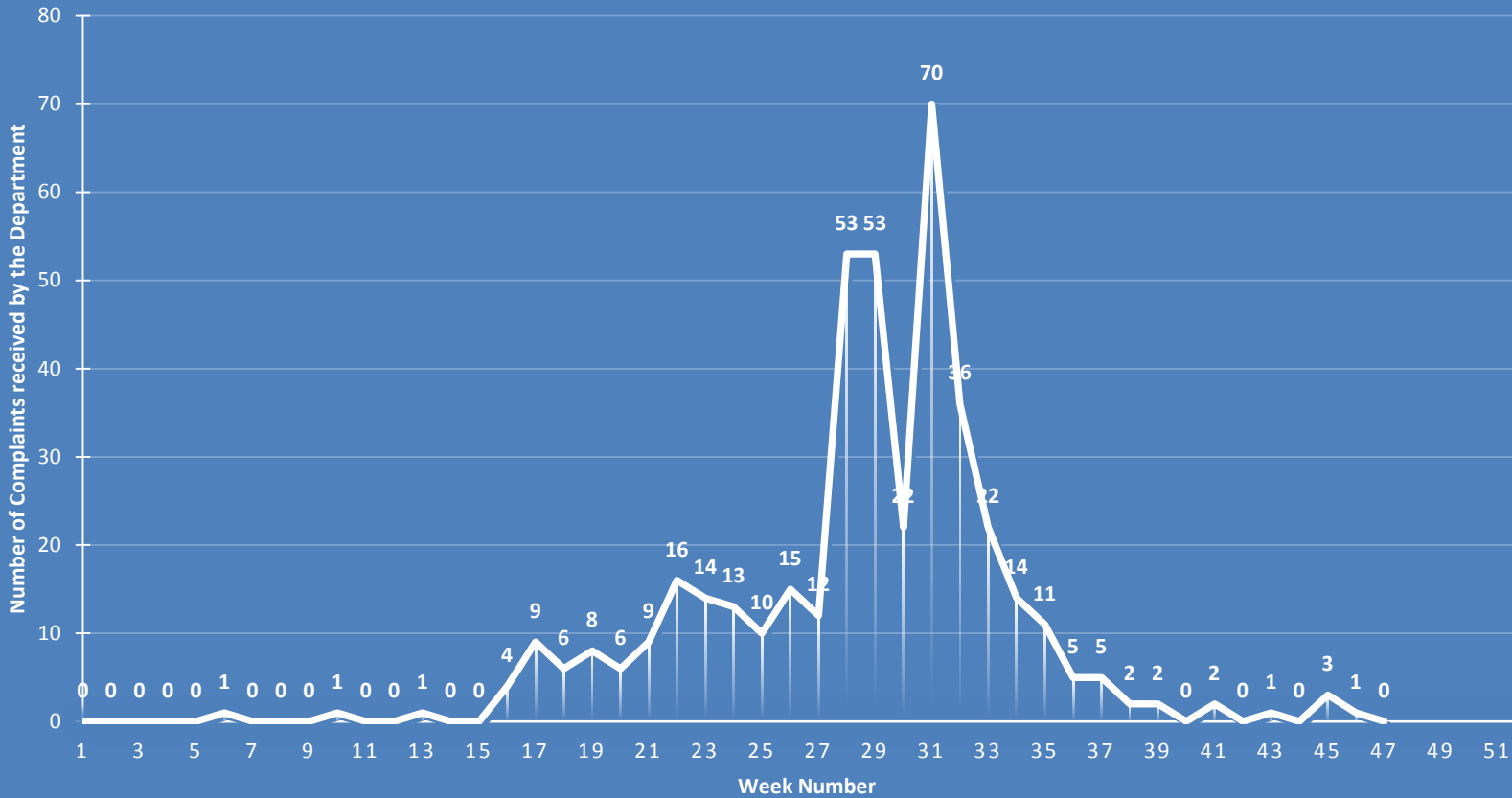
2017 Dicamba-related Complaints



Pesticide Misuse Complaints



2017 MISUSE COMPLAINTS SUBMITTED BY WEEK



Enforcement Determination – Penalty Matrix

- Points assessed based on *Use and Violation Criteria*:
 - *Harm or Loss Incurred* – (1 to 6 points)
 - *Signal Word of Product Involved* - (1 to 4 points)
 - Caution(1), Warning(2), Danger(4)

Enforcement Determination – Penalty Matrix

- Points assessed based on *Use and Violation Criteria*:
 - *Degree of Responsibility* - (2 to 10 points)
 - Accidental(2), Negligence(4), Knowingly(10)
 - *Violator's History for the previous three years* - (2 to 7 points)
 - *Violation Type (application vs. product oriented)* – (1 to 6 points)

Enforcement Determination – Penalty Matrix

- Penalty based on assessed points:
 - *6 or less* - *advisory letter*
 - *7 to 13* - *warning letter*
 - *14 to 16* - *\$750*
 - *17 to 19* - *\$1,000*
 - *20 to 21* - *\$2,500*
 - *22 to 25* - *\$5,000*
 - *26 to 29* - *\$7,500*
 - *30 and above* - *\$10,000*
- *Formal Notice of Fine* and possible administrative hearing for monetary penalties

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Complaints Received	93	117	115	92	103	97	94	117	131	131	129	430
# of ag-related complaints	60	61	73	66	67	64	64	80	92	105	92	362
# of dicamba-related complaints	--	--	--	--	--	--	--	--	--	--	--	246
Cases Closed (no misuse determined)	49	65	68	57	62	51	52	72	64	47	54	79
Warning Letters Issued	23	42	32	34	36	42	40	35	63	48	61	138
Notice of Fine	--	--	--	--	--	--	--	--	--	--	--	10
Administrative Hearings	9	25	19	8	6	10	4	18	13	12	11	0
\$2,500 penalty	1	0	1	0	0	0	0	1	0	0	0	0
\$1,000 penalty	2	3	0	0	0	0	0	1	1	1	0	2
\$750 penalty	1	4	6	1	2	3	1	8	2	1	4	4
\$500 penalty	4	19	12	6	3	4	1	6	8	9	8	4
\$250 penalty	0	0	0	0	1	3	2	2	2	3	1	0
\$200 penalty	0	0	1	0	0	0	0	0	0	0	0	0
\$100 penalty	1	1	1	1	0	0	0	0	0	0	0	0



A Blame Game in the Media.....Not Helpful!

 AMERICAN COUNCIL
ON SCIENCE AND HEALTH


f t YouTube

About ▾ Our Team Donate Publications ▾ Contact Fellowships Free Subscription

Dicamba Drift Dilemma: Who Carries More Blame, Farmers Or Monsanto?

@ EMAIL f FACEBOOK in LINKEDIN t TWITTER reddit REDDIT PRINT

We're working with growers to find answers. We're focused on facts & solutions-not sensational East Coast journalism



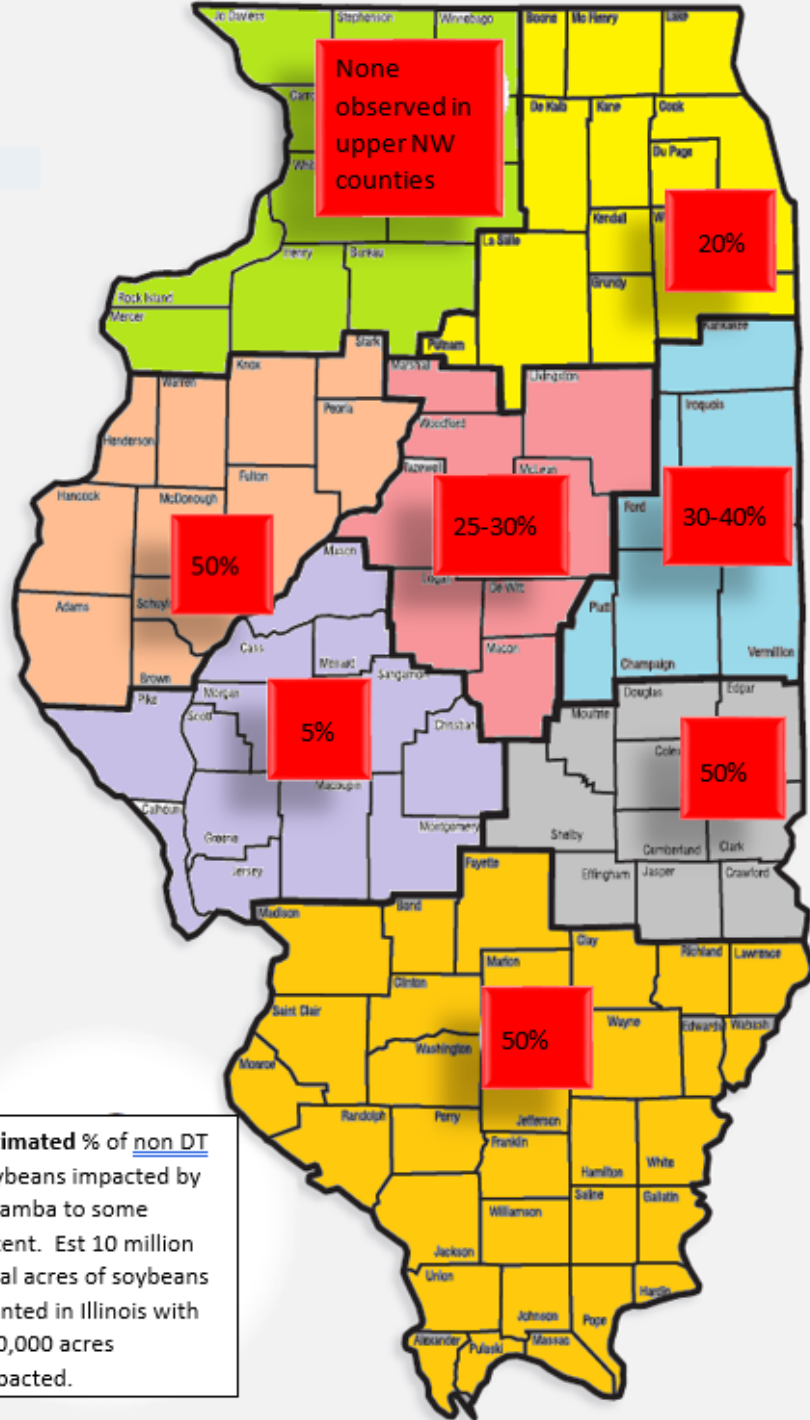
Scant oversight, corporate secrecy preceded U.S. weed killer crisis
reuters.com

Media/News

Monsanto Downplays Dicamba Damage in Illinois

August 2nd, 2017

Cornucopia's Take: Cornucopia recommends listening to Brownfield's [interview](#) with well-known University of Illinois Extension weed scientist Aaron Hager. He is "both frustrated and disappointed" with industry denial of the serious crop damage problems with dicamba use.



Estimated % of non DT soybeans impacted by dicamba to some extent. Est 10 million total acres of soybeans planted in Illinois with 600,000 acres impacted.

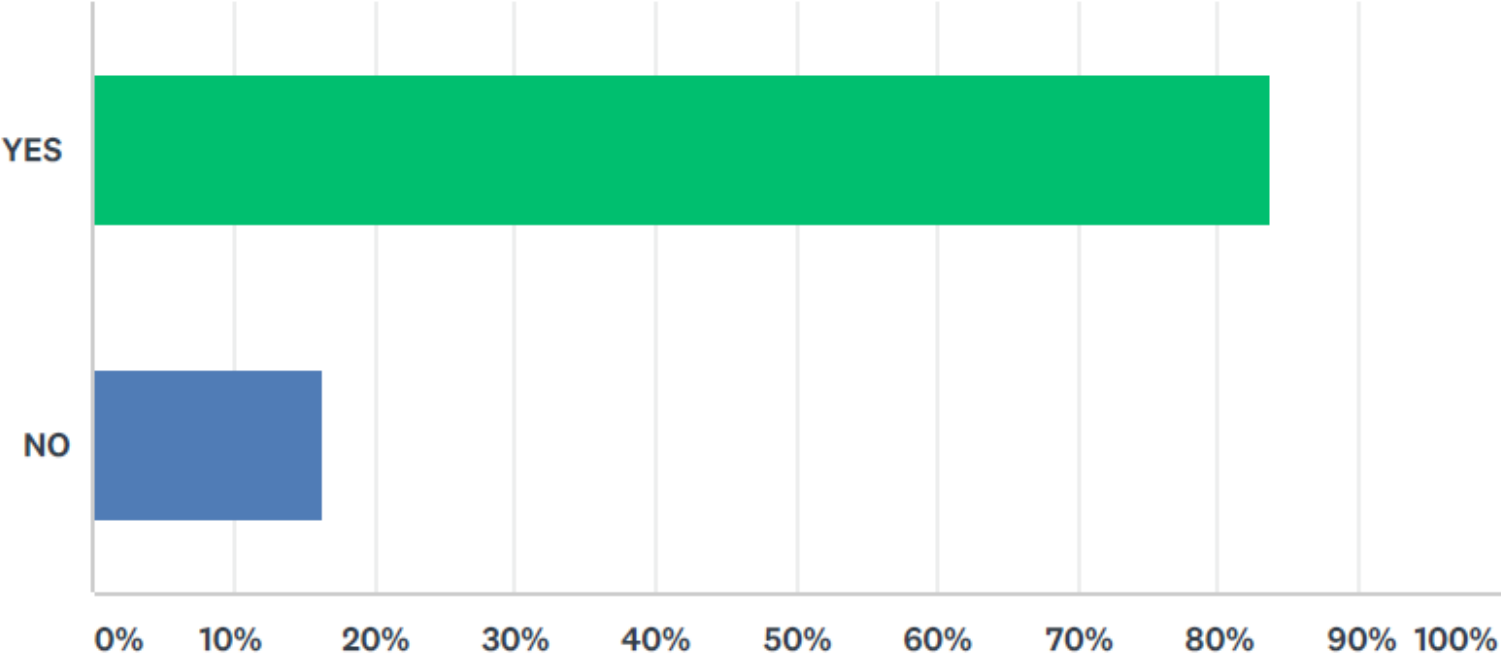
- We Worked with University of Illinois to Assess # of damaged acres (estimate 600,000 acres impacted)
- Surveyed IFCA Retail Members to get their Feedback and Suggestions (and enabled them to vent)

IFCA Ag Retail Dicamba Survey

- We asked 28 questions of our members about their experience
- We informed Monsanto, BASF, DuPont, IL Dept of Ag and USEPA that we were conducting a survey and would share results
- We shared our base survey with other State Associations to use if they wanted

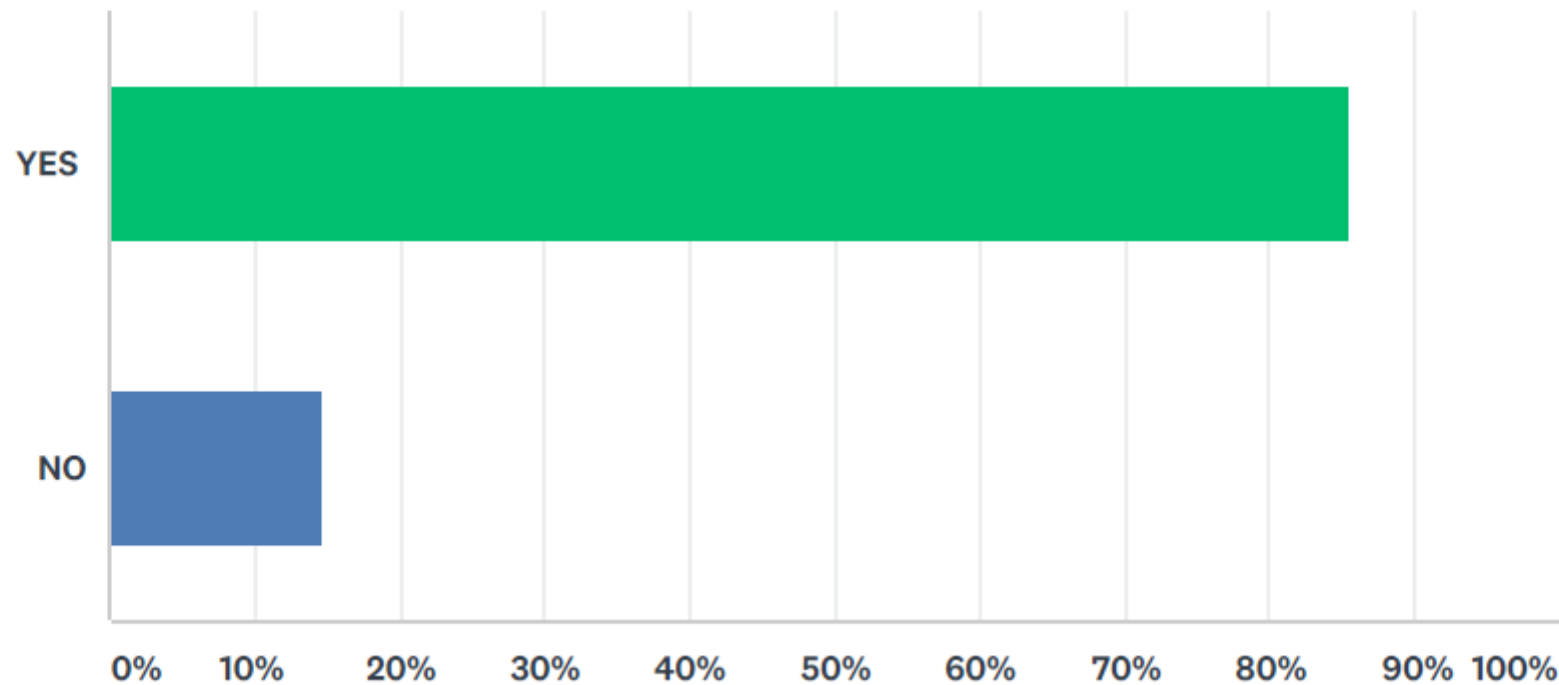
Q1 If you applied dicamba to soybeans, did you experience any instances of symptoms in adjacent sensitive soybean fields? If NO, please provide the approximate number of soybean acres you treated with dicamba. Then proceed to question #26 to provide information on your experience with the product.

Answered: 116 Skipped: 6



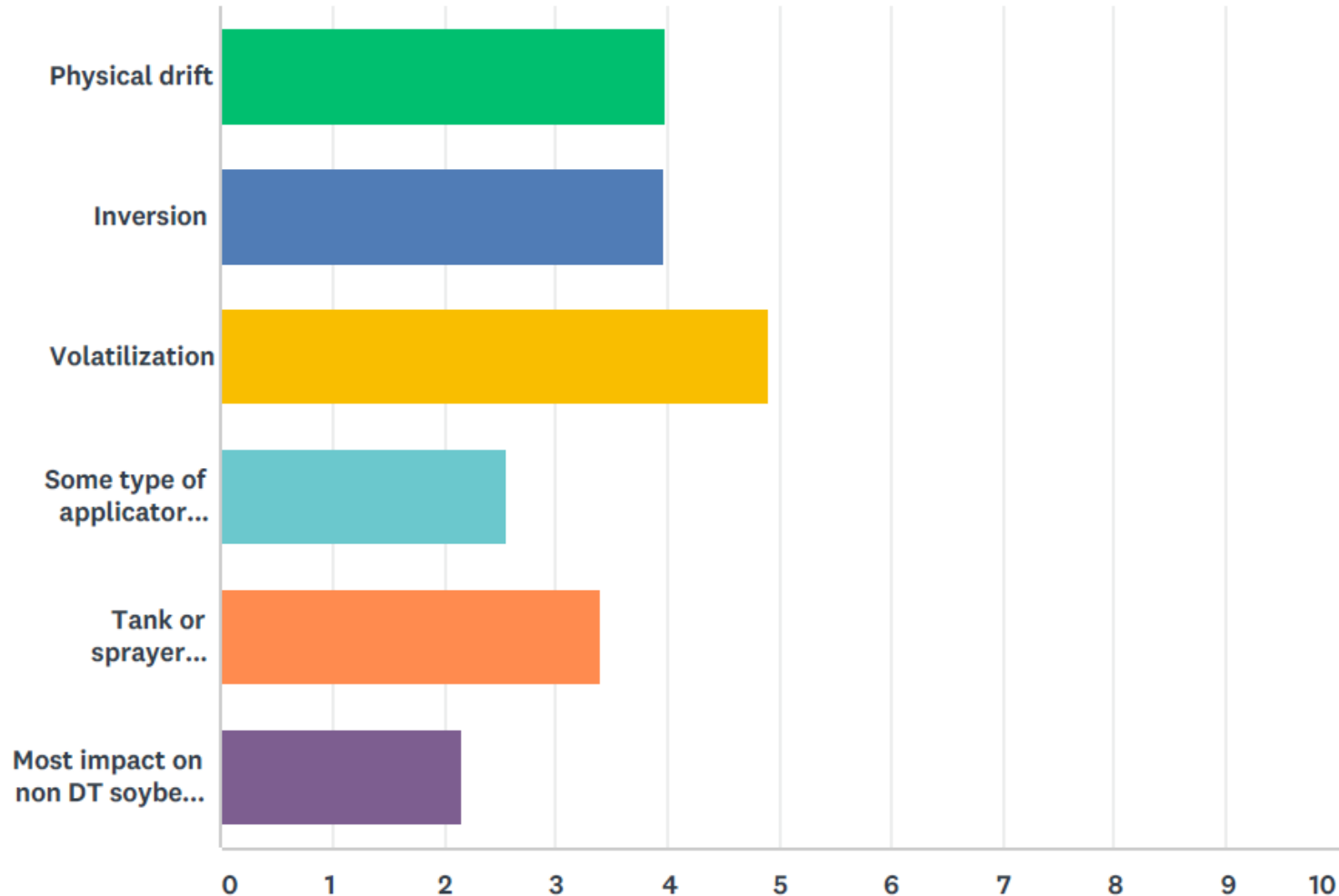
Q10 Did you see symptoms in adjacent fields of non DT soybeans even when the wind was not blowing toward that field during the time of application?

Answered: 110 Skipped: 12



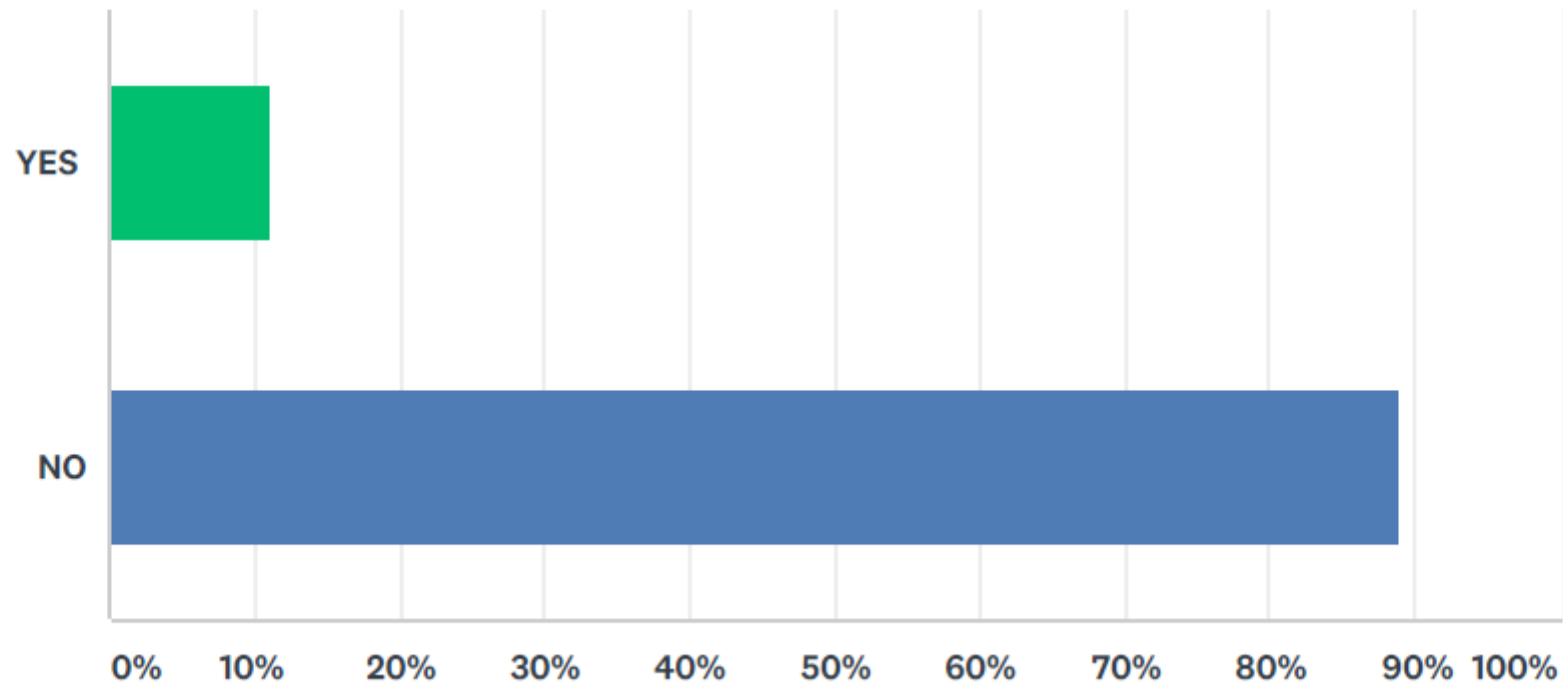
Q14 If you saw symptoms in non DT soybeans , please rank the factors that you believe were the primary cause of symptoms based upon your experience as an applicator. Click on the arrow next to each factor and rank these factors with #1 being highest, to #6 being lowest.

Answered: 106 Skipped: 16



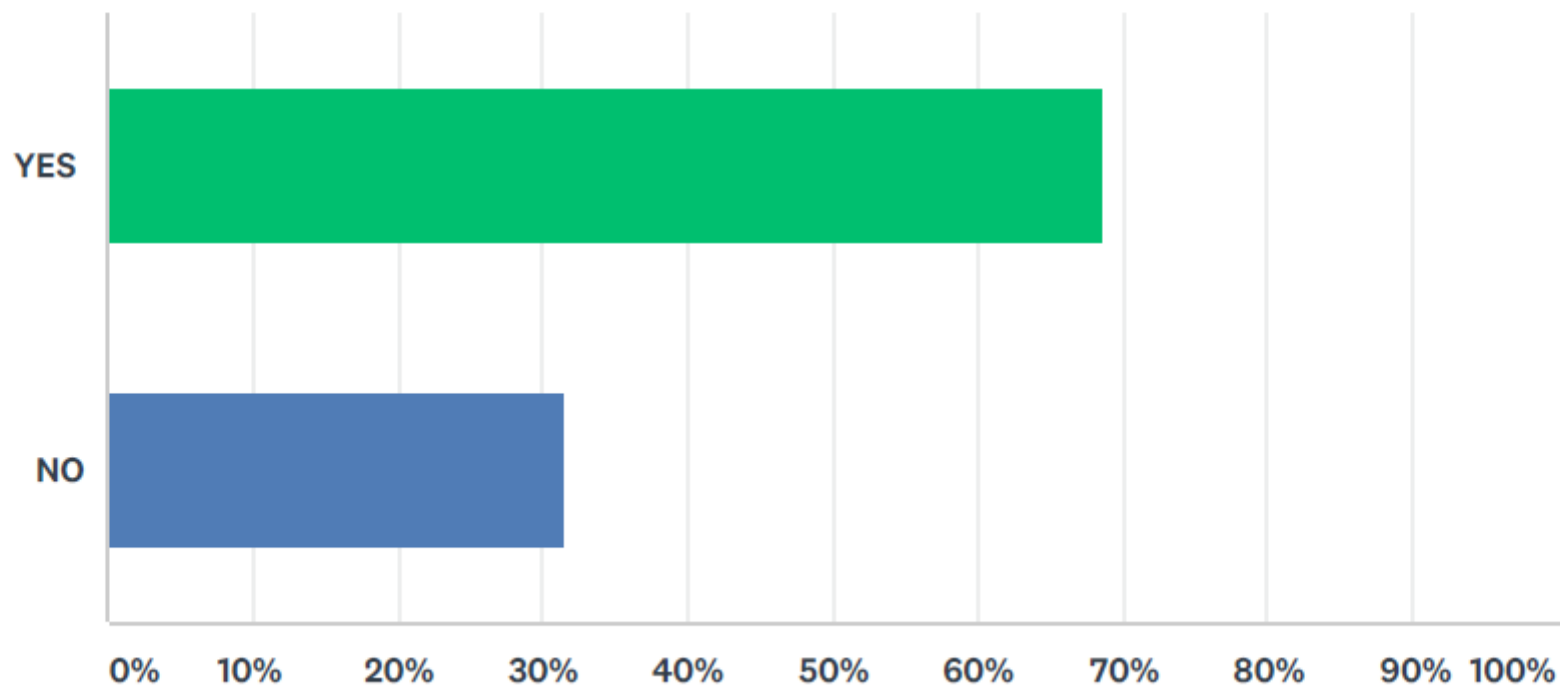
Q20 Do you believe that the application of non-labeled dicamba formulations to soybeans was a major contributor in Illinois of injury to non DT soybeans?

Answered: 108 Skipped: 14



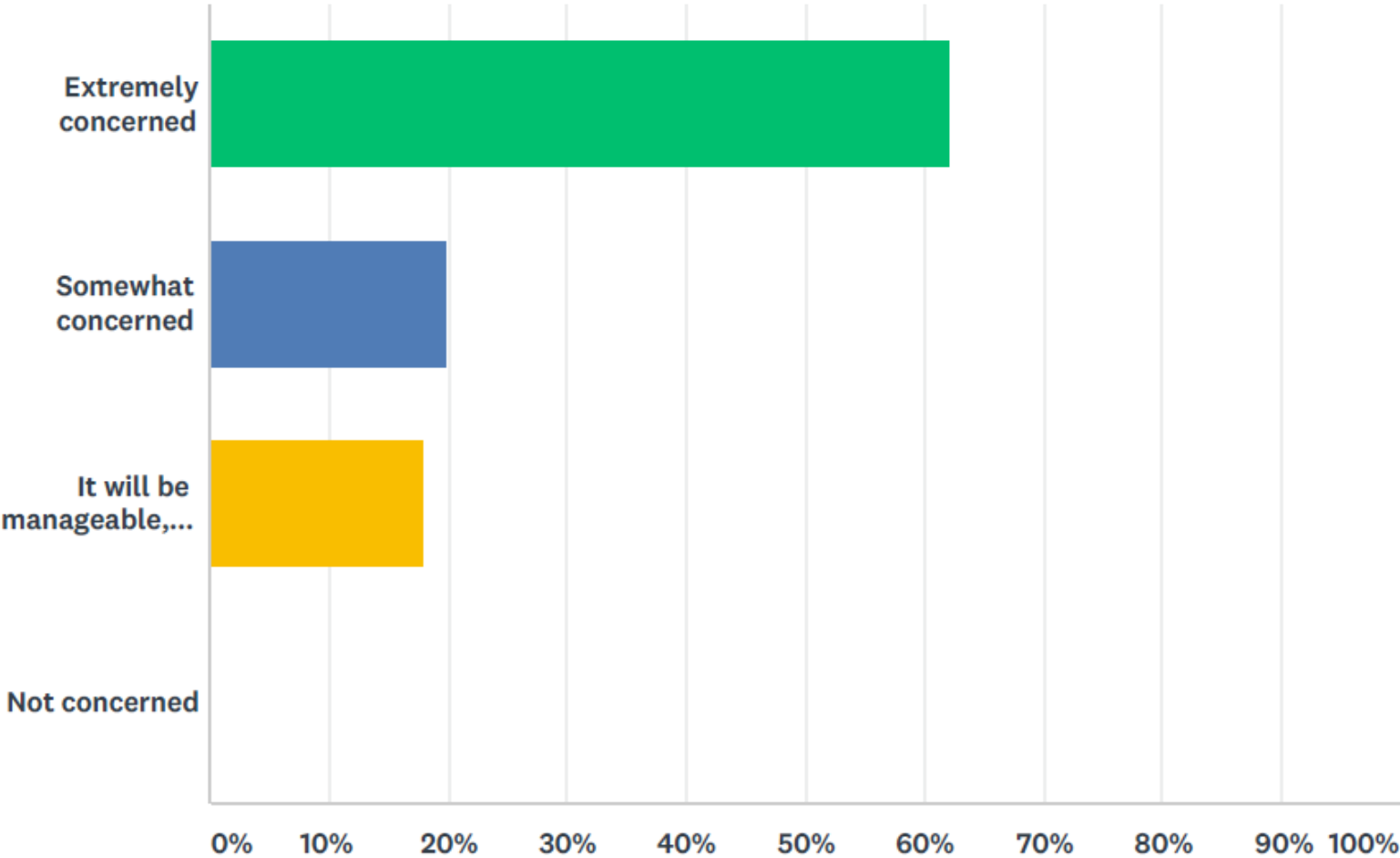
Q21 Did your company take any voluntary actions beyond the label restrictions to manage the circumstances under which you would apply dicamba?

Answered: 105 Skipped: 17



Q22 Rate the level of concern you have regarding the future use of these products as the % of acres of DT soybeans increases, regarding their potential impact on sensitive crops other than soybeans (i.e. orchards, vegetable crops, gardens, trees, etc.)

Answered: 111 Skipped: 11





Steps Taken Post Survey

- Gleaned Helpful Measures from Survey to Develop Dicamba Stewardship Checklist for Growers and Applicators
- Was the Impetus to Share Recommendations with MON, BASF and DuPont in a constructive way
- Work with the Regulatory Agencies, Fellow Ag Groups AND most likely, the Illinois Legislature
- Determine the Role of Insurance Carriers in the Big Picture – they may resolve the issues before any of us do.

IFCA's Priority Now – Spray Season 2018:

- Provide Leadership & Transparency on the Issue in Illinois; be the “go to” people on this issue. *Some Farmers are as Upset as Environmental and Anti Pesticide, Anti GMO Groups*
- Work with All Groups to Gain Support for IFCA Stewardship Checklist (*would like to see it on each bag of traited seed*)
- Provide Education & Tank Cleanout, Inversions and Things that Retailers Can Improve – Encourage Manufacturers to Work on Product Improvement (things beyond the Applicator's Control)

DICAMBA IN 2018 – Where We Are Today

- States Are Taking Different Approaches
- We Have Implemented the Mandatory Training Requirement in Illinois to Provide Training to Commercial & Private Applicators
- The New Label Does Have a Calming Effect on Legislation
- Ag Retailers Concerned About Insurance Deductibles and Premiums if they Apply Dicamba – Esp Smaller Retailers

Varied State approaches

■ Missouri

- Requiring an online notice of application form to be completed by users daily before each application is made;
- Restricting application to between 7:30 am and 5:30 pm; and
- Use cut-off date for applications by county —
 - Southeast MO – June 1st cut-off date
 - Balance of the state – July 15th cut-off date

■ Tennessee

- Restricting application to between 7:30 am and 5:30 pm; and
- Requiring the use of hooded sprayers from July 15th through October 1st

Varied State approaches (con't)

■ Indiana

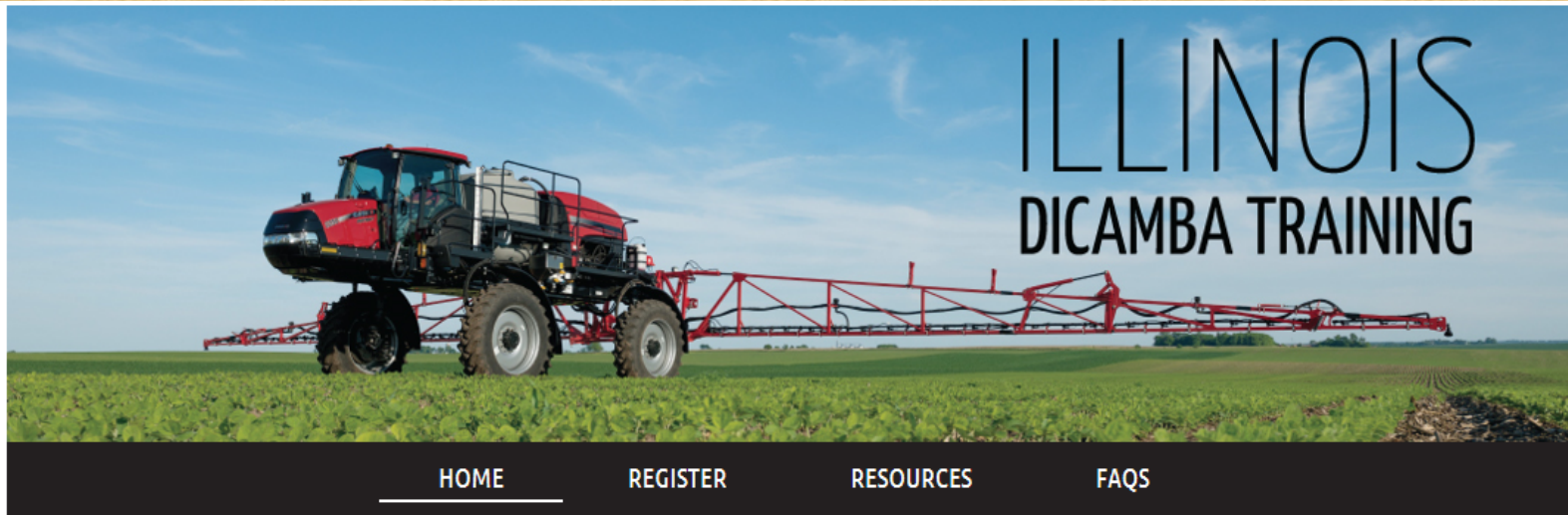
- Expanding the list of products classified as RUPs – all products with 6.5% dicamba or more classified as state RUPs; and
- Requiring specialized dicamba training to be delivered only by Indiana Extension or state-approved trainers and no reciprocity with surrounding states

■ North Dakota

- Use cut-off date of June 30th or first bloom, whichever is first;
- No applications allowed if actual field air temperature or UWS forecast is >85 degrees F;
- Restricting applications to the time period between 1-hr after sunrise to 1-hr before sunset;
- Application ground speed restricted to 12 mph or less; and
- Application nozzle limitation of 80 degrees or less.

Varied State approaches (con't)

- Minnesota
 - Use cut-off date of June 20th; and
 - No applications allowed if the actual field air temperature or the UWS forecast is >85 degrees F.
- Arkansas
 - State Plant Board meeting January 3rd to consider additional restrictions including banning the use of dicamba-containing products between April 16th and October 31st.
- Illinois
 - Following the Federal Label Provisions;
 - Dicamba-specific training to be provided by the 3 registrants and/or IDA-approved trainers; and
 - The IDA is currently considering changes to the penalty provisions of the Illinois Pesticide Act to reduce the number of penalty points needed to qualify for monetary penalties as well as increase those monetary penalty amounts.



Illinois Dicamba Use on Soybeans: Training for Applicators

On October 13, 2017, USEPA issued revised labels for the three dicamba products that are labeled for use on genetically engineered crops, including soybeans: Engenia (BASF), XtendiMax (Monsanto) and FeXapan (DuPont). **IT IS ILLEGAL TO USE ANY OTHER DICAMBA PRODUCTS ON SOYBEANS.**

USEPA made Engenia, XtendiMax and FeXapan Restricted Use Pesticides, which means that only certified applicators (private applicators and commercial applicators) can purchase these products and a record of sale must be kept by pesticide dealers who sell the products.

The new labels for these products require that all applicators of the product must be trained on the proper use of these products; this includes private and commercial applicators and operators. You must make and keep a record of the application, and proof of training must accompany the record of application.

The Illinois agriculture industry is working together to offer classroom training opportunities for private applicators (farmers), commercial applicators and operators to ensure all applicators have the opportunity to use these products properly in 2018, in accordance with the new label requirements. There are significant changes in the product labels that must be followed and the training will provide detailed explanations and examples of proper dicamba use. At this point, only classroom training is being offered to fulfill the training requirement in order to ensure thorough understanding of the labels and provide interaction with the instructors.

Upcoming Classes

January 2018



- 3 **Dicamba Training - Galesburg, IL**
🕒 3:00pm - 5:00pm
[Edit event](#)
- 4 **Dicamba Training - Peoria, IL**
🕒 4:30pm - 6:00pm
[Edit event](#)
- 5 **Dicamba Training - Peoria, IL**
🕒 4:30pm - 6:00pm
[Edit event](#)

REGISTER

[HOME](#)[REGISTER](#)[RESOURCES](#)[FAQS](#)

Dicamba Training Calendar

You must pre-register to attend a training class.

Search the calendar below to view the available dates from November 2017 thru March 2018. Click on the highlighted date to view the class details and to begin the registration process. Walk-in registration is available at most locations, but seats are limited. Sign up online to ensure your seat is reserved.

[Edit content](#) | [Edit page](#)

January 2018						
S	M	T	W	T	F	S
31	1	2	3 • Dicamba Training - Galesburg, IL	4 • Dicamba Training - Peoria, IL	5 • Dicamba Training - Peoria, IL	6

Upcoming Classes

January 2018 +

23 Dicamba Training - Galesburg, IL
🕒 9:00am - 11:00am

[Edit event](#)

23 Dicamba Training - Gilman, IL
🕒 8:00am - 10:00am

[Edit event](#)

23 Dicamba Training - Gibson City, IL
🕒 1:30pm - 3:00pm

[Edit event](#)

24 Dicamba Training - Mt. Vernon
🕒 4:00pm - 5:30pm

[Edit event](#)

Dicamba Resources

[HOME](#)[REGISTER](#)[RESOURCES](#)[FAQS](#)

Dicamba Labels



Engenia Herbicide

EPA Reg. No.: 7969-345

[Download Label](#)



XtendiMax Label

EPA Reg. No.: 524-617

[Download Label](#)



FeXapan Label

EPA Reg. No.: 250-010

Training Dates

« Previous Next »

February 2018

S	M	T	W	T	F	S
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	1	2	3

Event :: Calendar Block
settings | [Edit page](#) [Edit content](#)



Fillable Recordkeeping Form - One Page Label Summary

Provided by: *Purdue University*

[Download](#)



One Page Quick Guide for Application

Provided by: *Purdue University*

[Download](#)



Recordkeeping Form

Provided by: *Monsanto*

[Download](#)



Guide for Keeping Weather Records

Provided by: *North Dakota State University Extension Service*

[Download](#)



NEW Inversion Guidance 2017 - NDSU

Provided by: *North Dakota State University Extension Service*

[Download](#)



MPH and PSI application Guide - 20-inch Nozzle Spacing

Prepared by: *Robert E. Wolf, November 2017*

The training website launched on November 15.

The first class was Nov 27 with 131 attendees; they receive certificate of training.

As of today, over 4,500 have been trained (averaging over 75-100 per class). 80+ classes scheduled on the website.

There is **NO COST** to attend training and **no test** at the dicamba training.



Managing the Training.....

Tuesday, February 06, 2018	Helena Chemical Company	Helena, 7064 Township Road-1300 East, Wyoming IL	9-12:30 pm	13	150	\$0	BASF
Tuesday, February 6, 2018	Pioneer Agronomy Team	American Heritage Museum, 110 W. Main Street, Greenville IL	8:30-10:30 am	8	125	\$0	David Roome (DowDupont)
Tuesday, February 6, 2018	Commercial Applicator Clinic	Hamiltons, 110 North East St, Jacksonville, IL	4:30-6 pm	164	200	\$0	Cody Evans (MON)
Wednesday, February 7, 2018	Commercial Applicator Clinic	Hamiltons, 110 North East St, Jacksonville, IL	4:30-6 pm	56	200	\$0	Jim Graham (MON)
Wednesday, February 07,2018	Helena Chemical Company	Chippers, 1733 North Bloomington St., Streator, IL	9-12:30 pm	30-off	25	\$0	BASF
Wednesday, February 7, 2018	UI Crop Mgmt Conference	I-Hotel, 1900 S First Street, Champaign IL	4-5:30 pm	59	150	^	Mike Koenigs (DowDuPont)
Thursday, February 08, 2018	Helena Chemical Company	American Legion, 314 Front Street, Benson, IL	9-12:30 pm	30	150	\$0	BASF
Thursday, February 8, 2018	Private Applicator Clinic	Holiday Inn, 4821 Oak Street, Quincy IL	3-5 pm	74	150	\$0	Lance Tarochione (MON)
Thursday, February 8, 2018	CHS Elburn Cooperative	Timber Creek Inn, 3300 Drew Ave, Sandwich IL	2-3:30 pm	Private	150	\$0	Jim Donnelly (MON)
Thursday, February 08, 2018	Growmark	Holiday Inn, 222 Potomac Blvd, Mt. Vernon, IL	8:30-10:00 am	Private	300		Jeff Travers (MON)
Friday, February 9, 2018	Gold Star FS	Gold Star FS Service Shop, 605 E. Commercial Road, Lyndon IL	9-11:00 am	13	100	\$0	Mark Schultz (MON)
Friday, February 09, 2018	CPS S. IL Division	CPS Browns, 623 Railroad Street, Browns, IL	9-11:00 am	25	75	\$0	Jessica Herdes (MON)
Friday, February 9, 2018	M & M Service Company	Lincoln Land CC Auditorium, 1 Lincoln Land Drive, Litchfield, IL	2-4:00 pm	55	150	\$0	Jeremy Lake (MON)
Monday, February 12, 2018	The Equity	Teutopolis Banquet Hall, 210 S Pearl St., Teutopolis, IL	3:30-5:00 pm	77	85	\$0	Jack Marshall (BASF)
Monday, February 12, 2018	Monsanto Hosting	Monmouth Learning Center, 1677 80th St, Monmouth IL	1-3 pm	74	80	\$0	Lance Tarochione (MON)
Monday, February 12, 2018	CPS S. IL Division	St. Felicitas Hall, 13322 Church Road, Carlyle, IL 62231	9-11:00 am	12	120	\$0	Jeremy Lake (MON)
Tuesday, February 13, 2018	Pike County FB / Prarieland FS	Pike County FB, 1301 E. Washington St, Pittsfield IL	9-11 am	44	85	\$0	Jared Roskamp (BASF)
Tuesday, February 13, 2018	Logan Ag Service	30571 State Highway 107, Griggsville IL	1-3 pm	Private	75	\$0	Jared Roskamp (BASF)
Tuesday, February 13, 2018	South Central FS	America's Best Value Inn, 1920 N Kennedy Blvd, Vandalia IL	8:30-10:30 am	87	150	\$0	Jeremy Lake (MON)
Tuesday, February 13, 2018	Wabash Valley FS	Geff Ruritan Bldg, 112 W. Jefferson Street, Geff IL	10-Noon	39	100	\$0	Jack Marshall (BASF)
Tuesday, February 13, 2018	Wabash Valley FS	Wabash Valley Service, 1201 S Whittle, Olney IL	2-4 pm	48	75	\$0	Jack Marshall (BASF)
Tuesday, February 13, 2018	CPS S. IL Division	CPS-Orchardville, 229 County RD-1250 N, Keenes, IL	8:30-10:30 am	15	100	\$0	Randy McElroy (MON)
Tuesday, February 13, 2018	Growmark	Sangamon County Fairgrounds, 316 W Birch St., New Berlin, IL	8:30-10:00 am	Private	300		Chris Kallal (MON)
Tuesday, February 13, 2018	Donovan Farmers COOP	Donovan Farmers COOP, Donovan, IL		Private			Gery Welker (BASF)
Wednesday, February 14, 2018	Prairieland FS	KC Hall, Quincy Rd., Mt. Sterling, IL	9:00-11:00 am	Private	100	\$0	Cody Evans (MON)
Wednesday, February 14, 2018	Wabash Valley FS	Jasper County Farm Bureau, 105 S Hutton Drive, Newton IL	9-11:00 am	31	50	\$0	Jack Marshall (BASF)
Wednesday, February 14, 2018	Wabash Valley FS	Wabash Valley Service Co, 10154 N 450 Ave, Oblong IL	1-3:00 pm	10	50	\$0	Jack Marshall (BASF)
Wednesday, February 14, 2018	BCS	BCS, Arrowsmith, IL		Private			Gery Welker (BASF)
Thursday, February 15, 2018	Prairieland FS	Prairieland FS Office, 1132 Veterens Drive, Jacksonville, IL	9:00-11:00 am	Private	100	\$0	Chris Kallal (MON)
Thursday, February 15, 2018	The Equity	Carriage House, 8 W Carriage Lane, Altamont, IL	3:30-5 pm	21	50	\$0	Jack Marshall (BASF)
Friday, February 16, 2018	Private Applicator Clinic	Holiday Inn Keller Center, 1202 N Keller Dr, Effingham	3-5 pm	274	300	\$0	Jack Marshall (BASF)
Tuesday, February 20, 2018	CPS S. IL Division	The Bullpen Bar & Grill, 201 Kaskaskia Street, New Athens, IL	1-3 pm	21	75	\$0	Jessica Herdes (MON)
Tuesday, February 20, 2018	Prairieland FS	Prairieland FS, 97 N Commercial Street, Winchester IL	1:30-3:30 pm	12	60	\$0	Chris Kallal (MON)
Tuesday, February 20, 2018	GrainCo FS	GrainCo FS, 11230 N IL RT 47, Morris, IL	10-11:30 am	24	75		Dr. Vince Davis (BASF)
Tuesday, February 20, 2018	GrainCo FS	GrainCo FS, 11230 N IL RT 47, Morris, IL	12:00-2:00	3	75		Dr. Vince Davis (BASF)
Tuesday, February 20, 2018	B&D Chemical	B&D Chemical, Cullom, IL		Private			Gery Welker (BASF)

<https://ifca.com/IllinoisDicambaTraining>



**Illinois Fertilizer &
Chemical Association**
Supply • Service • Stewardship

309.827.2774 or jeanp@ifca.com