Using Pesticides Wisely









Training – Data Gaps



Survey Results of GA Training Data GAPS Identified by Trainers

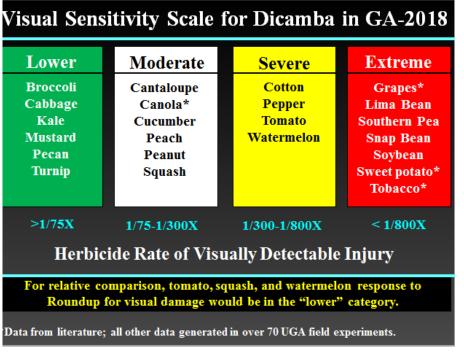


Survey question: List primary points from the training that actually help you apply auxins on-target.

Using Pesticides Wisely – Survey Results

1. Understanding sensitivity of crops/plants surrounding treated fields -- i.e. better understanding of the auxin footprint.





Using Pesticides Wisely – Survey Results

2. Research showing how far particle drift can go using grower practices!





Using Pesticides Wisely – Survey Results

3. <u>Educational Cooperation</u> – Growers, Extension, Department of Ag, Industry, EPA, Agents, Consultants (face to face training was/is critical)





Industry Partners



2017 Survey Results – North Carolina Prefer face-to-face or online training?

Category	Respondents	Face-to-face	Online
	no.	%	
Grower	1695	95	5
Dealer	150	92	8
Other	134	94	6
Consultant	62	94	6
Applicator	32	84	16
Total	2073	94	6

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Trainers must have an in depth knowledge of both the positives and negatives of the technologies. <u>Unbiased</u> delivery is critical.

UGA's 15 Factors Influencing Success

Spray Tip

Spray Pressure

Sprayer Speed

Boom Height

Tank Cleanout

Drift Control Agent

Proper Formulation

Wind

Land Terrain

Size of Crop

Buffers

Temp/Humidity

Herbicide Footprint/ Surrounding crops

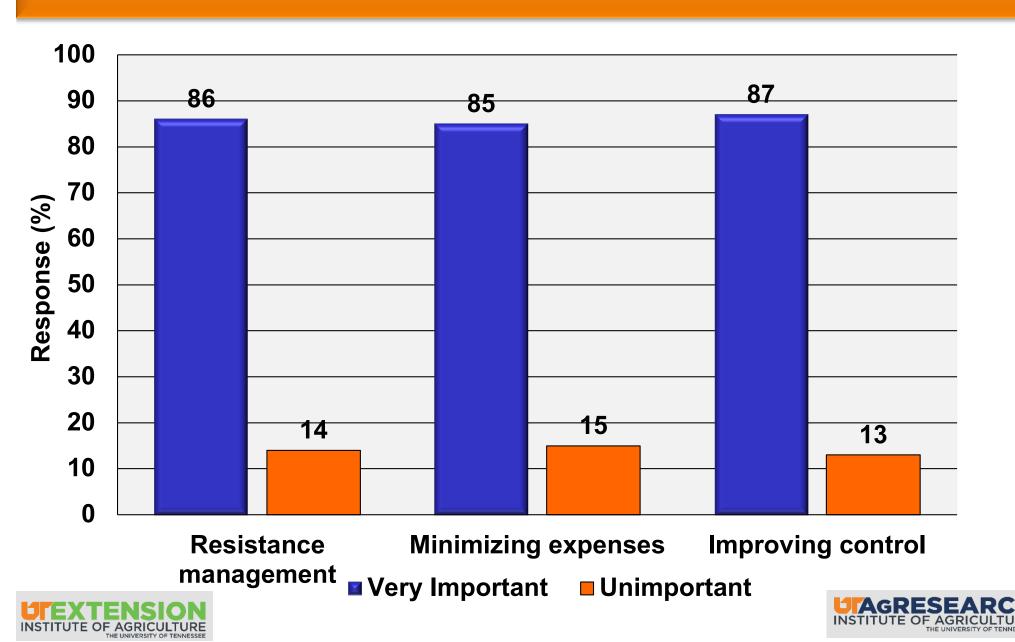
Volatility

Residue Tolerance

Data Gaps Identified by Trainers

- 1. Volatility
 - A. Data you can trust from field
 - B. Large acreage
 - C. Soil moisture soil texture temp
- 2. New spray tips progress?
- 3. Tank mixtures
 - A. Especially insecticides/fungicides
 - B. When a mix is not approved..... share data on why it isn't

How important are tank-mixtures or premixtures for:



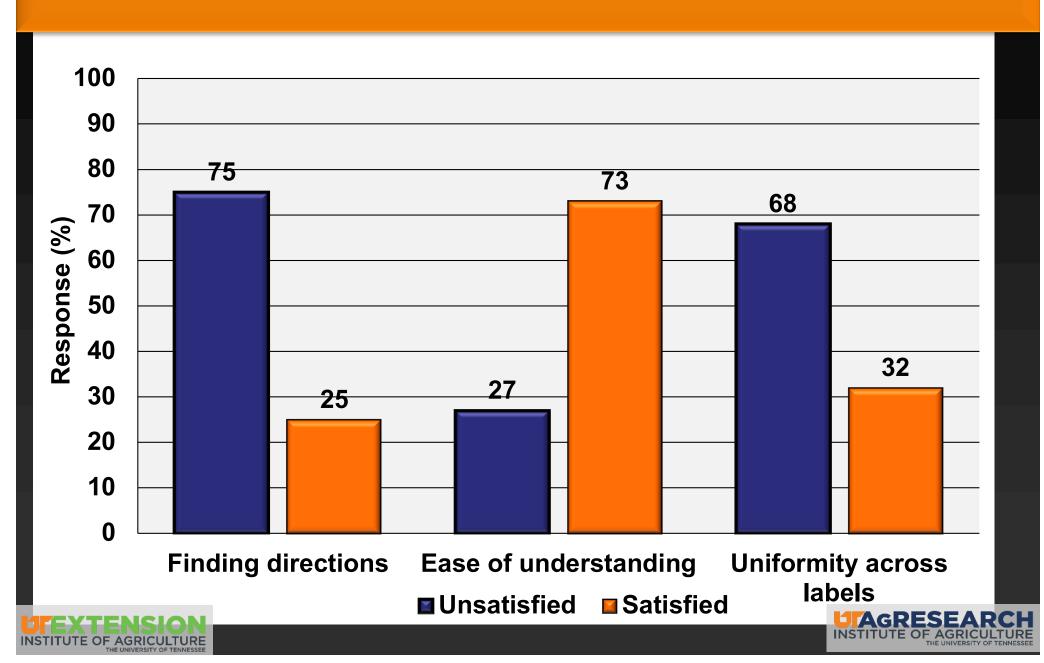
Data Gaps Identified by Trainers

- 4. Time interval droplets remain in the air at lower wind speeds as influenced by the environment.
- 5. Movement of product in water after rain

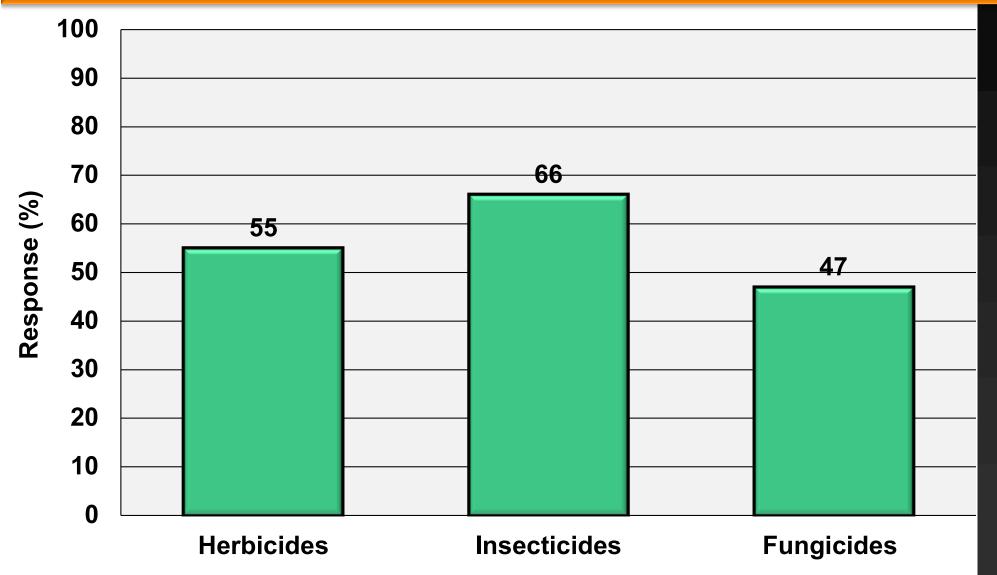
"Do not make application of this product if rain is expected in the next 24 hours"

6. Nearly all trainings are based on the label.....

Please rate your overall satisfaction level with pesticide labeling based on:



How effective are pesticide labels in curbing pest resistance?









Labels Need A Make Over

SHORT-TERM GOAL

1. Smart labels.....easy/simple fast

MID-TERM GOAL

- 1. Regionalized label recommendations
 - A. Better info stewardship/resistance
 - B. Help address risk cup issues
- 2. Move toward prescription recommendations

Stewarding Pesticides Cooperation, Science And Education







Industry Partners

