

Summary Notes 10-17-19

Solutions

- Water soluble insecticides through sub-surface irrigation?
- Alternatives? (Sheeping off, Steward)
- 72 Hours prior to rainfall (look at permit conditions)
- Lambda-cyhalothrin restricted use?
- Outreach – different management practices, commitment
- Change monitoring site location? – Delta inflows, expensive, perception/need
- Rachael has been researching other products
- Spanish speaking applicators?
- Are you willing to help with ground truth activities?
- Approach proactively
- Choose differently depending on wet year vs. dry year or other conditions?
- Commercial applicators need to be included (they were invited, but invites from growers are better)
- Regulators need farmers to show them how it works (tours?)
- What are the “best management practices”?
 - To reduce movement with rainfall?
 - Time after application and before irrigation?
 - Alternatives for weevil control?

Causes

- Airplane spray?
- Rainfall?
- Crop rotation, from legacy?
- Clean ditches vs. vegetated ditches in Yolo? Aerial spraying?
- Wind? Do not apply when wind velocity exceeds 15 mph
- Urban? Yes, but ag pesticides found were easy to distinguish
- Aerial drift?
- ½ life of the other products?
- Could we use detections of other active ingredients to deduce which formulations are being picked up?
- Could there be reduced dilution from water conservation?
- Look at additional crops potential to be contributing
- Eliminate the question, “Really, what happened?”
- Is it different because of drought years?

Questions

- Why Solano?
- Scope and Scale. How bad?
- Has the load changed?

Grower – PCA - Applicator Survey October 2019 – RESPONSE SUMMARY

Completion of this survey is mandatory.

1. Name: _____ business/organization you are representing _____

2. What category below best describes you? Please check all that apply.

17 Agricultural Landowner
 30 Grower
 8 Employee of Agricultural Operation
 12 Pest Control Adviser
 0 Commercial Applicator
 0 Other: _____)

3. **For Growers Only:** Name of pest control advisers you work with
 Names of all commercial applicators you work with

4. Who is most responsible for making decisions about application of pesticides for your operation?
 29 Grower
 4 Employee of Grower
 24 Pest Control Adviser
 4 Other:

5. Who actually applies the pesticides for your operation?
 21 Grower
 20 Employee of Agricultural Operation
 23 Commercial Applicator
 3 Other:

6. Prior to the meeting, were you aware of the sediment toxicity exceedances at Ulatis Creek in April 2018 & 2019?
 28 YES
 14 NO
IF NO, mark below the most effective way of relaying urgent information like this to you.
 23 Email
 3 Letter
 11 Phone
 0 Updates at Ag Commissioner Trainings
 1 Other:

7. Please indicate below whether or not individuals involved in your pesticide applications are aware of the exceedances and if not, your preference on how to inform them.

	already aware	I will notify	please notify them	best method (phone or email)
<input type="checkbox"/> Grower	<input type="text" value="32"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	_____
<input type="checkbox"/> Pest Control Adviser	<input type="text" value="36"/>	<input type="text" value="1"/>	<input type="text" value="3"/>	_____
<input type="checkbox"/> Employee Applicator	<input type="text" value="9"/>	<input type="text" value="16"/>	<input type="text" value="0"/>	_____
<input type="checkbox"/> Employee Irrigator	<input type="text" value="4"/>	<input type="text" value="18"/>	<input type="text" value="0"/>	_____
<input type="checkbox"/> Commercial Applicator	<input type="text" value="9"/>	<input type="text" value="9"/>	<input type="text" value="5"/>	_____

KEY QUESTIONS

8. Please rank from 1 (highest) to 3 (lowest) the MOST EFFECTIVE strategy options.

	Ranked #1	Ranked #2	Ranked #3
<input type="checkbox"/> 32 Awareness Focus	<input type="text" value="32"/>	<input type="text" value="4"/>	<input type="text" value="5"/>
<input type="checkbox"/> 6 Grower/Employee Training Focus	<input type="text" value="6"/>	<input type="text" value="18"/>	<input type="text" value="10"/>
<input type="checkbox"/> 8 Management Practice Focus	<input type="text" value="8"/>	<input type="text" value="13"/>	<input type="text" value="14"/>

9. Additional information, tools, services that the coalition or technical advisers could provide to growers, PCAs and/or applicators to help to avoid future exceedances?
