

Greening Summit Pesticide Use – Follow Label!



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What are "pesticides"

- ⌘ Intended to prevent, destroy, repel, mitigate
- ⌘ Intended to regulate growth, defoliate, desiccate
- ⌘ "Intended" - claims, advertising, mode of action



Non pesticides



- ⌘ Nutritional materials
- ⌘ Spreaders
- ⌘ Stickers
- ⌘ pH modifiers
- ⌘ Activators
- ⌘ No claim of pesticidal activity

Label provides vital
information



Point # 1



⌘ THE LABEL

⌘ IS THE LAW

Point # 2

⌘ THE LABEL

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Point # 3



⌘ THE LABEL

⌘ IS THE LAW

What the label tells you!

- ⌘ **Crops** to which the product can be applied
- ⌘ **Pests** the product will control
- ⌘ How to **apply** the product
- ⌘ **Rates** to use
- ⌘ Much more – PPE, environmental concerns, toxicity, medical treatment, WPS, storage requirements, etc.

Uses Inconsistent with Labeling

⌘ Can apply LESS than label rate

⌘ Can apply any way you wish, UNLESS LABEL RESTRICTS

⌘ Can target any pest, AS LONG AS LABELED FOR CROP

Consequences



- ⌘ Can be fined as per the federal law
 - ☑ **KNOWINGLY** violate the law
 - ☑ \$250,000 (1999 amendment)
- ⌘ Can be sentenced to jail
 - ☑ Produced serious consequences
- ⌘ Can have fruit condemned – residue
- ⌘ Can impact large amount of juice

Labeled vs Recommended

- ⌘ For citrus there are “labeled” products – they can be used on citrus legally (label lists citrus as an approved crop)
- ⌘ UF/IFAS publishes a list of “recommended” products – if used according to the guide, one can expect satisfactory results

Gray area??



- Enhancement of plant health – much discussion relative to SAR (systemic acquired resistance). Does manufacturer make any claims that product will cause plant to produce a defense response? Currently no SAR products labeled for citrus – however there may be products labeled for citrus that produce a defense response.

Conclusion

- ⌘ Label is the law – follow it
- ⌘ Know the exceptions to the label
- ⌘ Only apply materials labeled for citrus
- ⌘ Evaluate downside risks with non recommended products
- ⌘ Be smart – don't take big risks