



Helena Emerging Technology Update



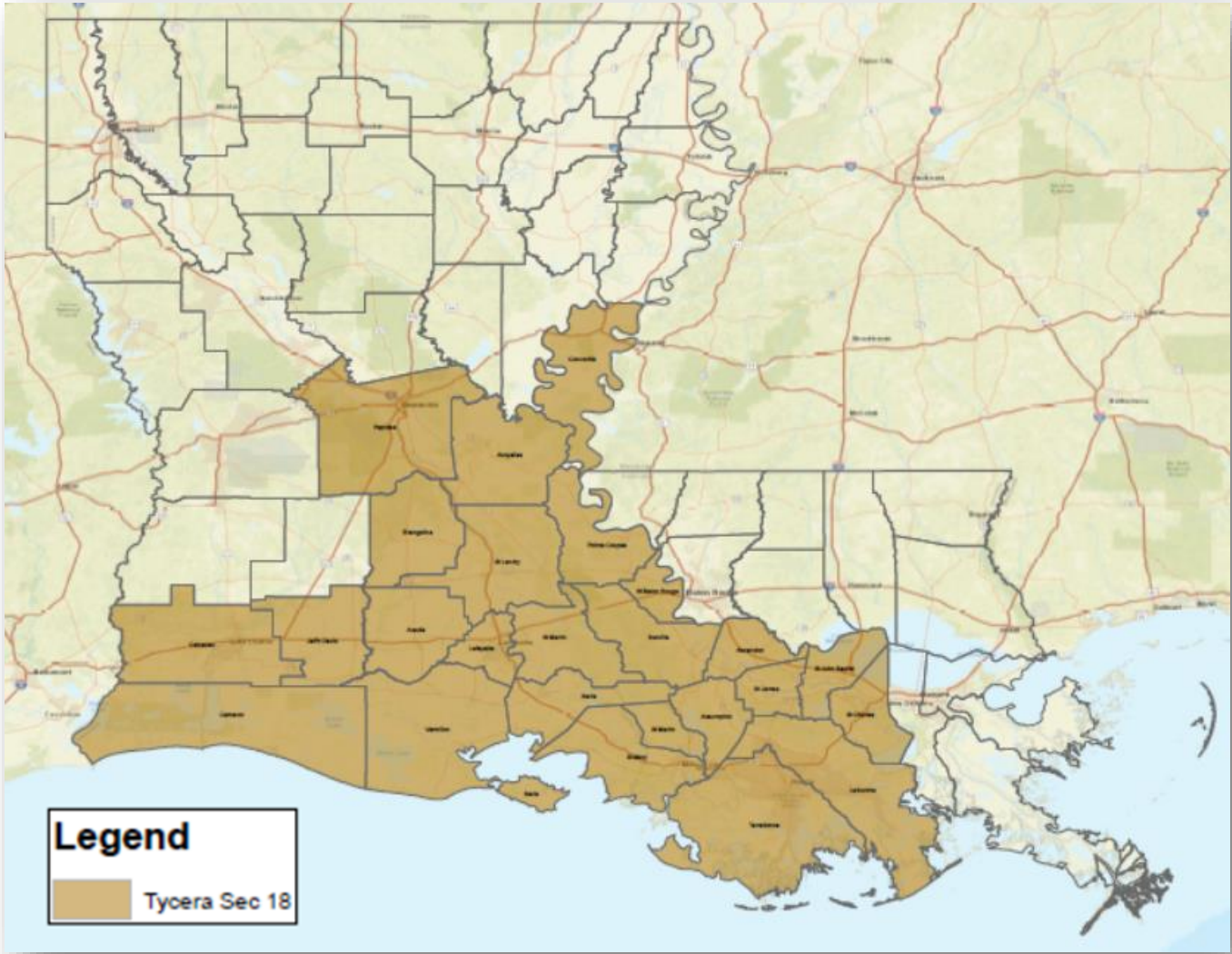


- Sugar League & LSU AgCenter requested Sec. 18 for Trycera to control Merrill's Nightshade, later identified as Devine Nightshade
- EPA required initiation of residue trials – Request to IR-4
- Sec. 18 Quarantine Emergency Exemption Label 17LA01 granted effective Feb. 10, 2017 – May 31, 2020
- Sec. 18 Quarantine Emergency Exemption Label 20LA01 granted effective Oct. 2, 2020– May 31, 2021
- Sec. 18 Specific Emergency Exemption Label 21LA01 granted effective Oct. 1, 2021 – May 31, 2022



- IR-4 PR# 12084 was approved in Sept., 2018 and initiated in 2019
- 1 residue study with 8 field trials.
- 1 trial compromised due to weather and was repeated in 2020
- Samples processed in 2021
- All data has been received and final report being prepared
- July 2022 - Plan to submit the final report and petition to EPA to establish a residue tolerance for sugarcane

Trycera Sec. 18 Use Area





- Applications are limited to Oct. 1st to May 31
- Use rate is 0.7 -2.1 qts/A
- Can make 2 apps/year at a max of 4.2 qts/A
- Recommend an adjuvant like Dyne-Amic[®] or Agri-Dex[®]
- No aerial applications, ground rigs only
- Recommended spray volume - 15 gpa
- Target Divine Nightshade at 4 – 24 inches tall

Day of Application



7 Days after Treatment



Trycera @ 48 oz/A





- Sec. 18 label allows for use through May 31, 2022
- Trycera has controlled Divine Nightshade in sugarcane in 16 parishes
- The average use rate has been 1.4 qts/A
- IR-4 residue trial is complete and report being written
- IR-4 plans to submit the final report and petition to establish a residue tolerance in July, 2022
- **Trycera is the only triclopyr label for use in sugarcane**

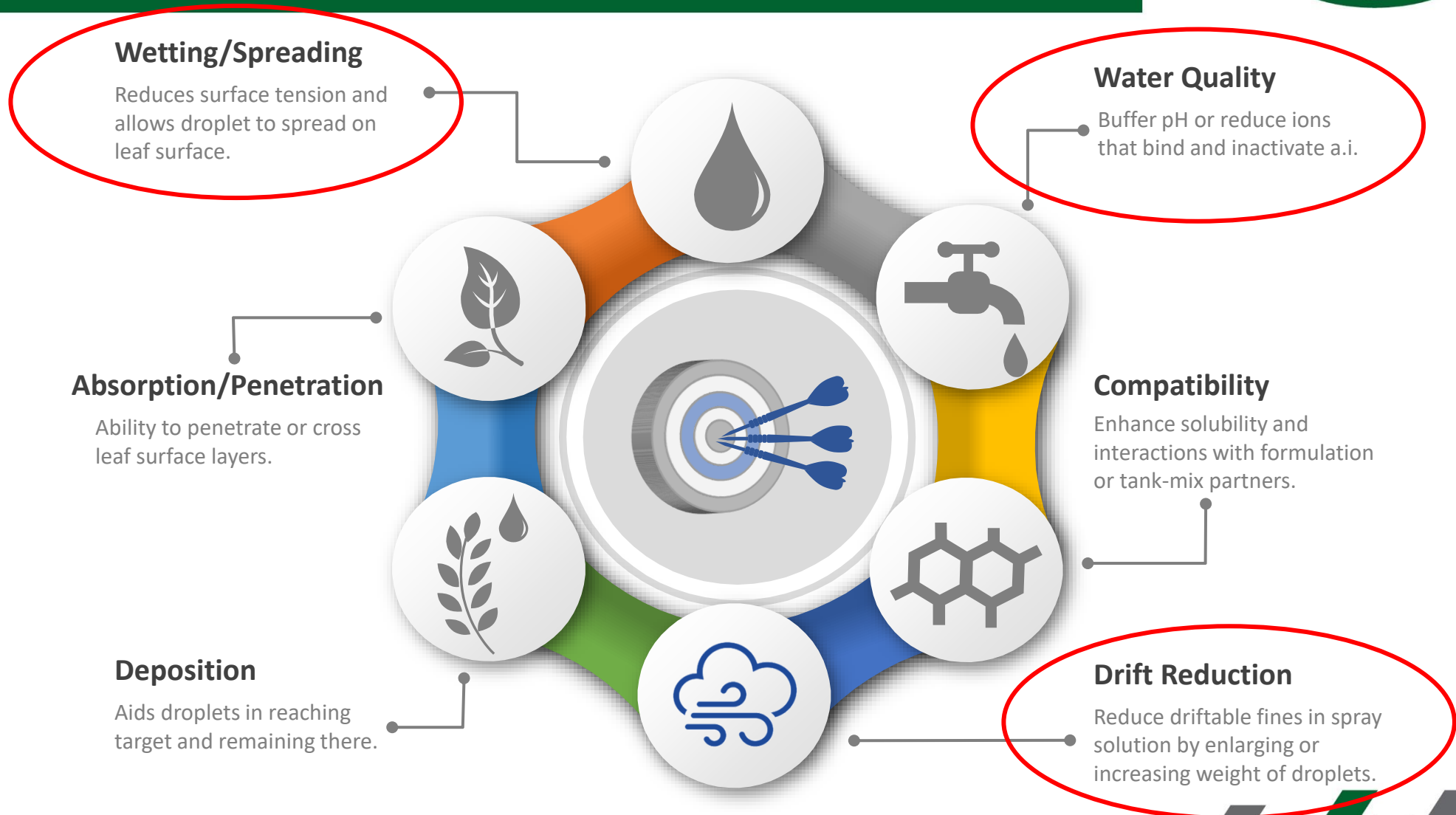
Why Do We Need Adjuvants



- To meet legal application requirements
- To enhance the activity (performance) of a pesticide – maximize pesticide \$
- To minimize/eliminate spray application problems
- Minimize risk



How Adjuvants Impact Pesticide Efficacy





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Any Questions?

Always read and follow label directions.

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