

The background of the entire image is an aerial photograph of a lush green agricultural field, showing distinct rows of crops. In the center, there is a large, yellow oval with a dark green border. Inside this oval, the word "HELENA" is written in a bold, dark green, sans-serif font. To the right of the oval, there is a small, white and red biplane flying over the field, with a registered trademark symbol (®) positioned just below it.

HELENA

People...Products...Knowledge...[®]

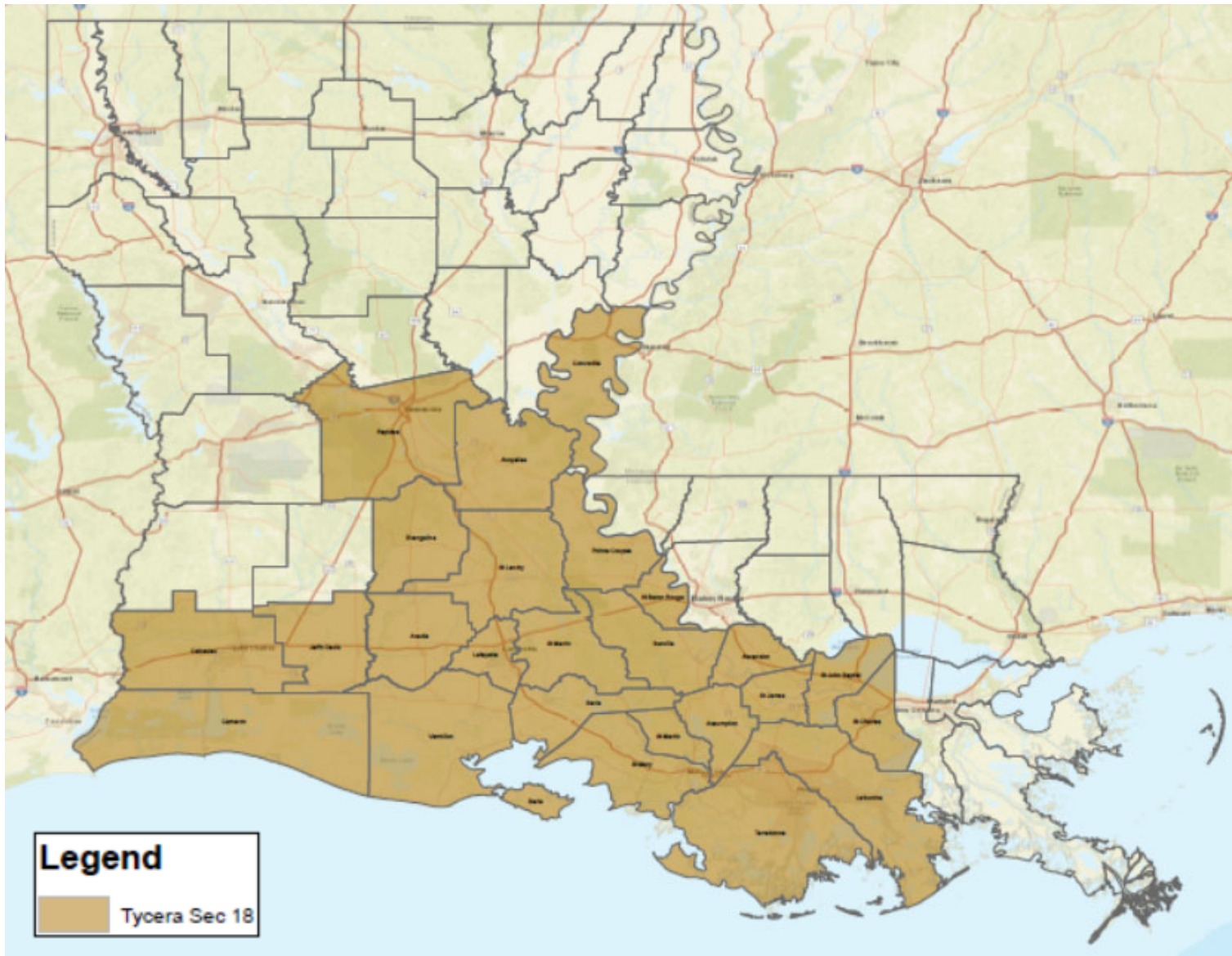
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Trycera[®] Use in Sugarcane Status



- Sugar League & LSU AgCenter requested Sec. 18 for Trycera to control Merrill's Nightshade, later identified as Devine Nightshade
- Sec. 18 Quarantine Emergency Exemption Label granted effective Feb. 10, 2017 – May 31, 2020
- EPA required initiation of residue trials – Request to IR-4
- IR-4 PR# 12084 was approved in Sept., 2018 and initiated in 2019

Trycera Sec. 18 Use Area



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Trycera Application Info

- 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

Additional Weed Control Evaluations

- The weed control spectrum is being evaluated in commercial fields as well as small plots
- Dr. Al Orgeron – LSU AgCenter
 - Bushkiller Vine
 - Least Snout Bean
- Dr. Doug Spaunhorst –USDA -ARS
 - Bermudagrass



Bermudagrass Control Evaluations

- Dr. Doug Spaunhorst –USDA
- Evaluating tank mixes for control of bermudagrass in fall & spring applications
- Tank mix combos
 - Trycera + Velossa[®]
 - Trycera + Direx[®]
 - Trycera + Callisto[®]
 - Trycera + Armezon[®]
 - Trycera + Lumax[®] EZ

Bushkiller Vine Control

White Castle
Applied 5-23-2019
Post-Directed



Herbicide	% control	Re-emergence
	15 DAT	36 DAT
2,4-D (2 qt/a)	95	31 a
Brash [®] (1 qt/a)	95	11 b
Clarity [®] (1 qt/a)	98	4 b
Trycera (1.4 qt/a)	98	11 b
Trycera (2.1 qt/a)	98	10 b



Least Snout Bean

Loreauville
 Applied 6-14-2019
 Post-Directed



Herbicide	% control
	27 DAT
2,4-D (1 qt/a)	11 d
Brash (1 qt/a)	80 b
Clarity (1 qt/a)	100 a
Trycera (1.4 qt/a)	100 a
Callisto + Atrazine (3 oz + 2 qt/a)	50 c
Vandal [®] + 2,4-D (8 oz + 1 qt/a)	7 d



- 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 progressing on schedule
- IR-4 will submit a letter of support to extend the Sec. 18 Quarantine Emergency Exemption
- Anticipate Sec. 3 label in 2021
- **Trycera is the only triclopyr label for use in sugarcane**



For Additional Information contact:

- Michael Kenty, PhD – Product Specialist
 - (901) 409-6525
 - kentym@helenaagri.com
- James DeMoss – Product Manager
 - (318) 347-6786
 - demossj@helenaagri.com

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*Thank
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