

Evaluation of Capture Insecticides for Worm Control in Dark Tobacco UKREC, Princeton, KY - 2007

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2007 Capture Trial

UKREC, Princeton, KY

- Capture LFR registered for use in tobacco in 2007
- Control spectrum: *Lepidoptera* pests (hornworm, budworm)
- Use patterns:
 - Pretransplant incorporated
 - Transplant water
 - Foliar
 - 3.4 to 8.5 oz/A
 - No more than 2 foliar applications, none past layby

2007 Capture Trial

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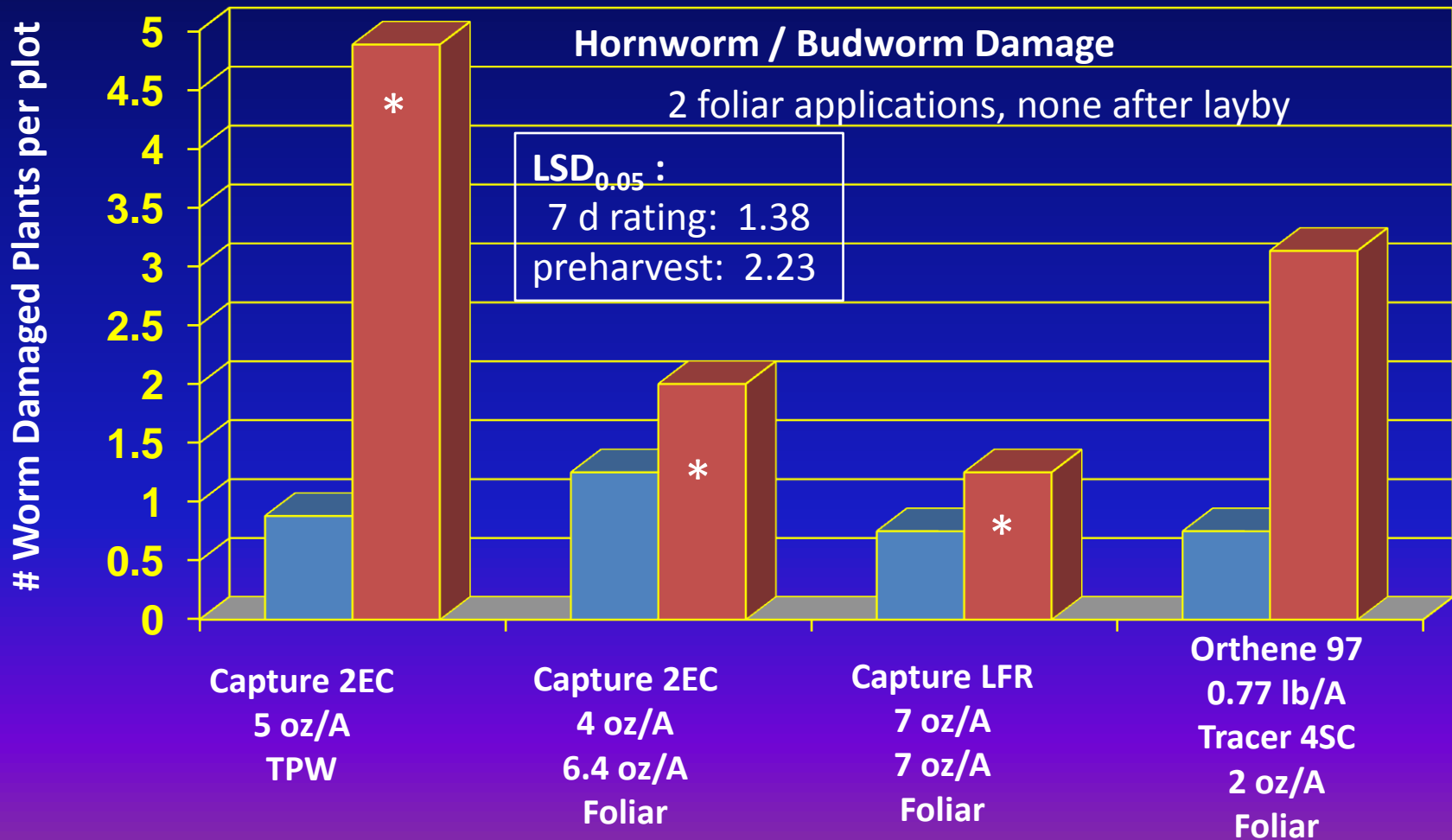
Treatment	Rate/A	Application Method	No. of Applications
Capture 2EC	5 oz/A	Transplant Water	1
Capture 2EC	4 oz/A 6.4 oz/A	Foliar	2
Capture LFR	7 oz/A	Foliar	2
<u>Local Standard:</u> Orthene 97 Tracer	0.77 lb/A 2 oz/A	Foliar	2 (1 Orthene, 1 Tracer)

*Admire Pro (0.5 oz/1000 plants) tray drench application made to all plants in trial prior to transplanting. All foliar applications made at 15 gal/A. Experimental design was randomized complete block with 4 replications. Plots 4 rows, 40 ft. long, all 4 rows treated, data collected from center 2 rows.

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7 d after 2nd application Preharvest

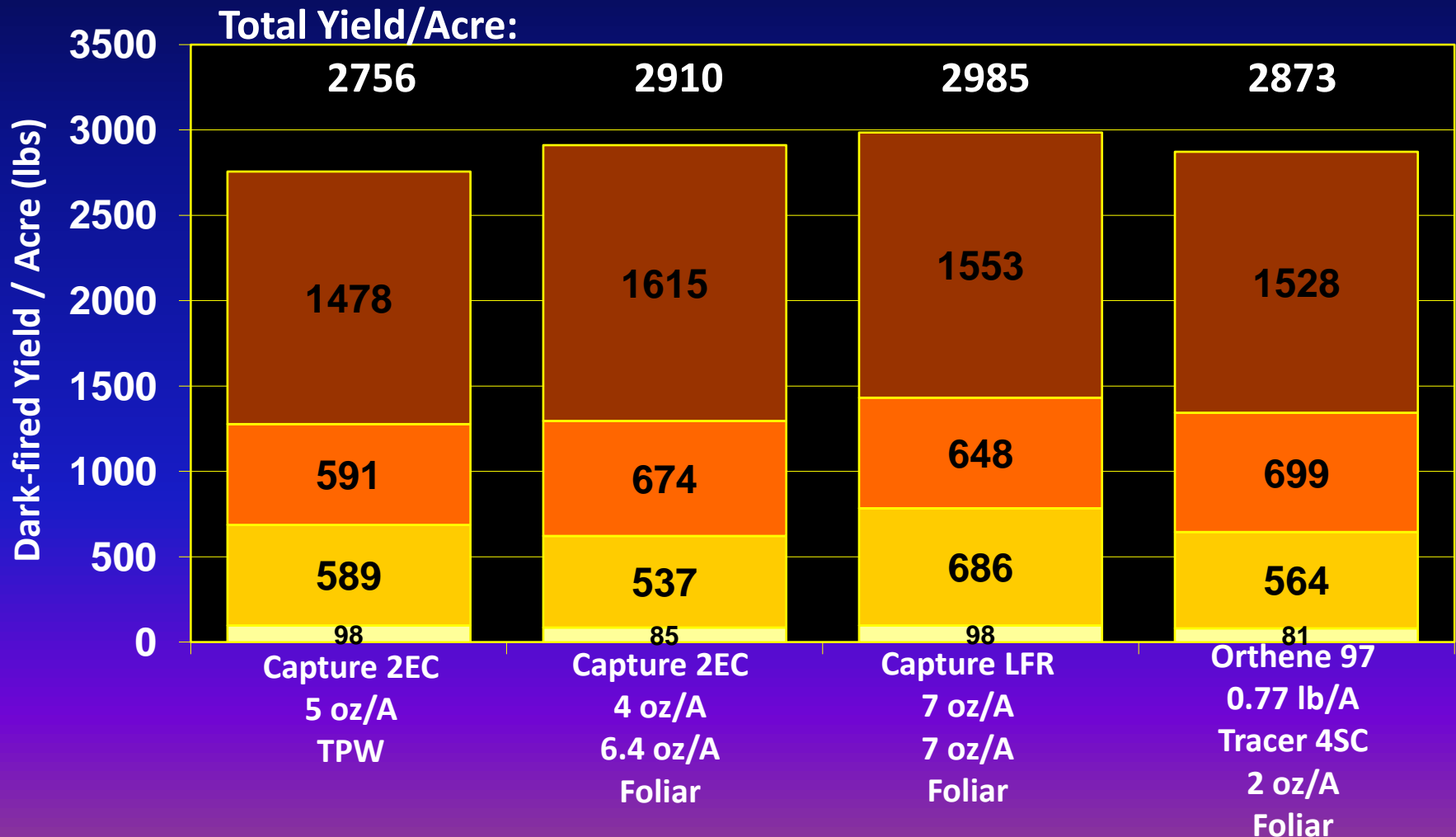


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LSD_{0.05} = 42 199 162 232 315 (total)

■ Trash ■ Lug ■ Second ■ Leaf



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Gross Revenue/A and Quality Grade Index based on 2004 USDA grade and price support for Type 22 dark-fired tobacco.

$LSD_{0.05} = 850$ (gross revenue/A); 7.1 (quality grade index)

