

Evaluation of Capture Insecticides for Worm Control in Dark Tobacco HRREC, Springfield, TN - 2007

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2007 Capture Trial

HRREC, Springfield, TN

- 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

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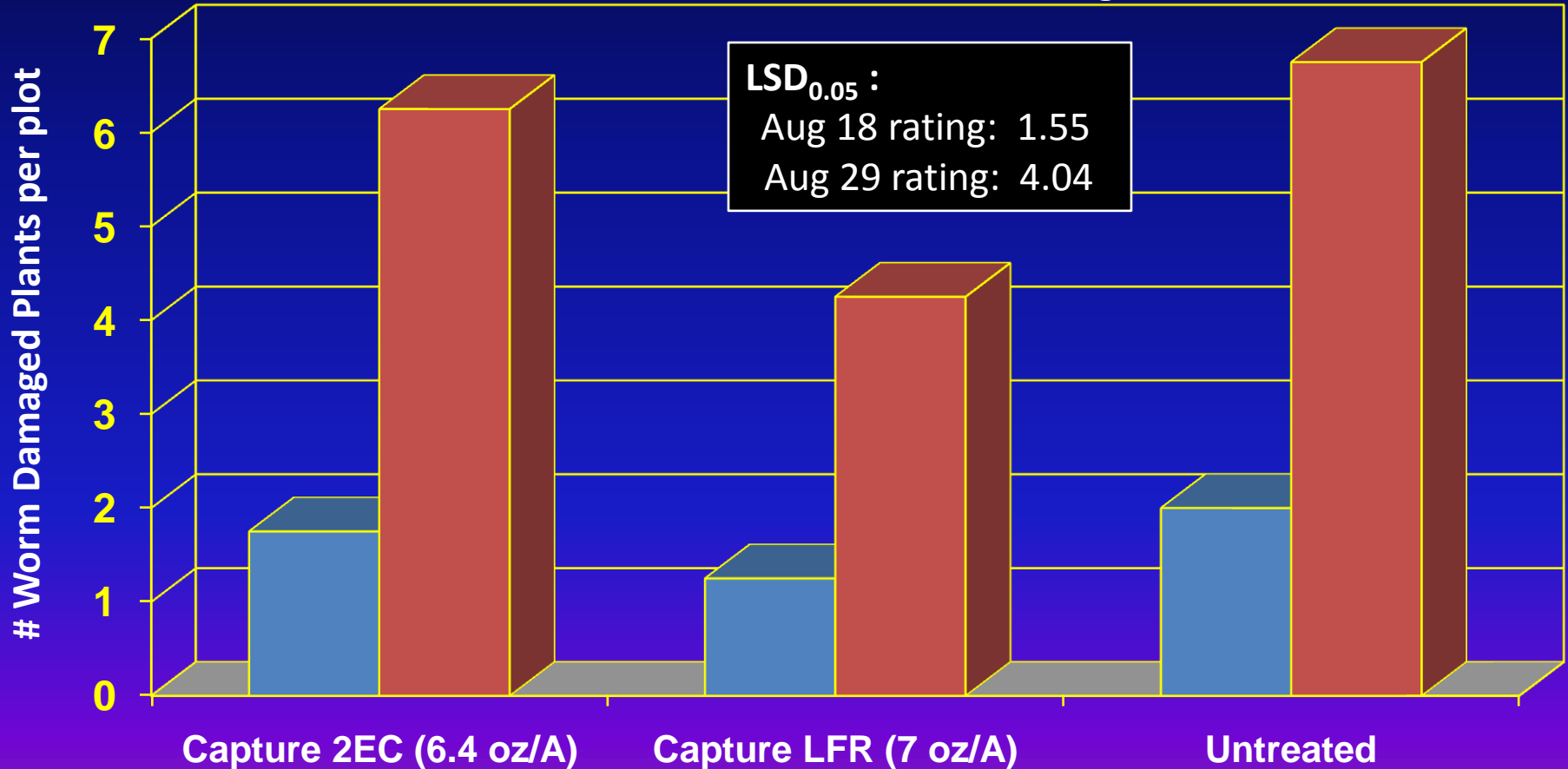
Treatment	Rate/A	Application Method	No. of Applications
Capture 2EC	6.4 oz/A	Foliar	1
Capture LFR	7 oz/A	Foliar	1
Untreated Check	0	-	0

*Admire Pro (0.5 oz/1000 plants) tray drench application made to all plants in trial prior to transplanting. Orthene 97 (0.77 lb/A) also included in transplant water for all plots. 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. Application made August 2 at 15 gal/A.

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8/16/2008 (2 wks) 8/29/2008 (4 wks)

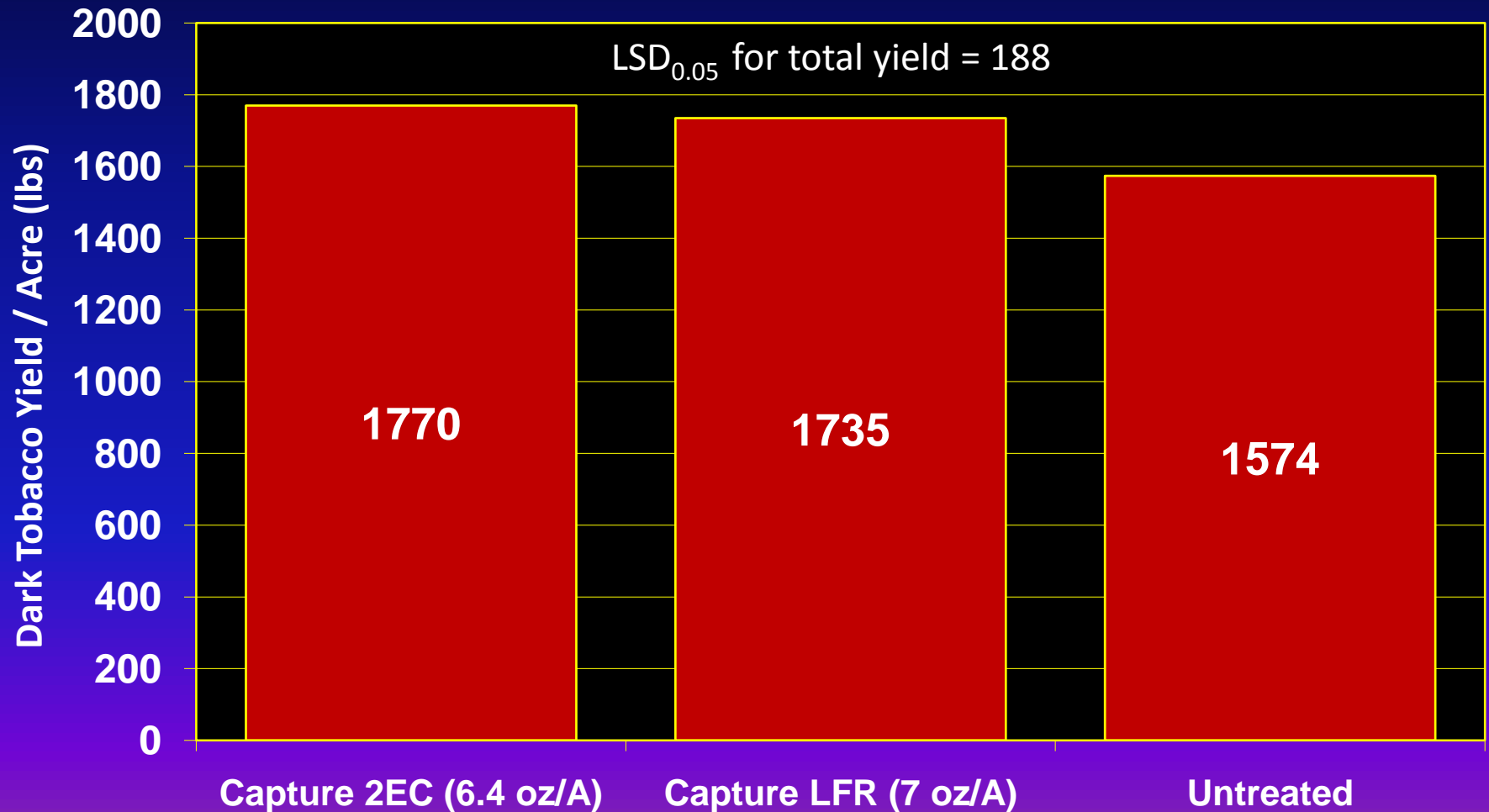
Hornworm / Budworm Damage



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Dark Tobacco Yield



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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} = 416 (gross revenue/A); 4.53 (quality grade index)

Quality Grade Index:

