

Coragen and Belt Foliar Trial

2011 – HRREC, Springfield, TN

- Trial set June 14
 - PD 7318LC, 4,614 plants/A
 - Admire Pro (0.5 oz/1000 plants) tray drenched prior to setting
 - Randomized complete block with 4 replications
 - Plots 2-rows, 40 ft. long, all rows treated
- Weekly worm counts taken beginning at 3 weeks
- Foliar applications made when thresholds reached
 - 5 worms per 50 plants
- Tobacco harvested October 15, fire-cured

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2011 – HRREC, Springfield, TN - Treatments

Treatment	Rate (oz/A)	Timing
Coragen 1.67SC	3.5 oz/A	Foliar at Threshold
Coragen 1.67SC	5 oz/A	Foliar at Threshold
Belt 4SC	2 oz/A	Foliar at Threshold
Belt 4SC	3 oz/A	Foliar at Threshold
Untreated	-	-

*Foliar applications made at 17 gal/A.

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2011 – UKREC, Princeton, KY – Hornworm + Budworms Counts

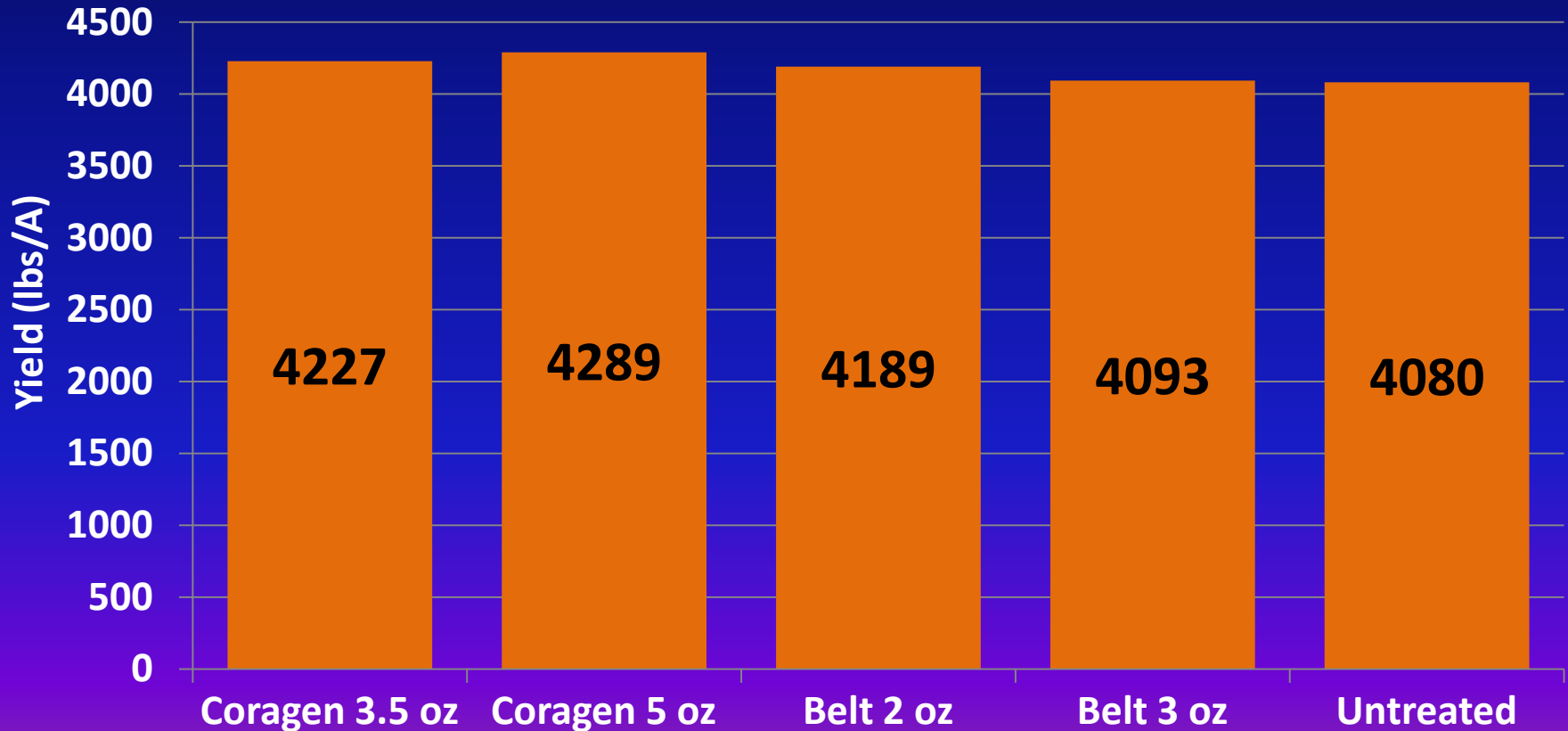
Trt	Rate (oz/A)	July 13	July 20	July 27 Thresh 1	Aug 3	Aug 10	Aug 17	Aug 25	Aug 31	Sept 8	Sept 14
Coragen	3.5	0.0 a	0.0 a	6.5 a	1.0 ab	0.5 b	0.5 b	0.8 b	0.0 b	0	0
Coragen	5	0.0 a	0.5 a	7.3 a	0.3 b	0.3 b	1.3 b	0.8 b	0.3 ab	0	0
Belt	2	0.0 a	0.3 a	7.8 a	0.5 b	0.8 b	1.0 b	1.0 b	0.8 a	0	0
Belt	3	0.0 a	0.0 a	7.5 a	0.0 b	0.0 b	0.8 b	0.3 b	0.0 b	0	0
Untreated	-	0.0 a	0.0 a	6.0 a	3.0 a	3.3 a	5.3 a	3.0 a	0.5 ab	0	0

*1 threshold reached and foliar applications made at 17 gal/A on July 27.
Tobacco topped Aug 15-23.

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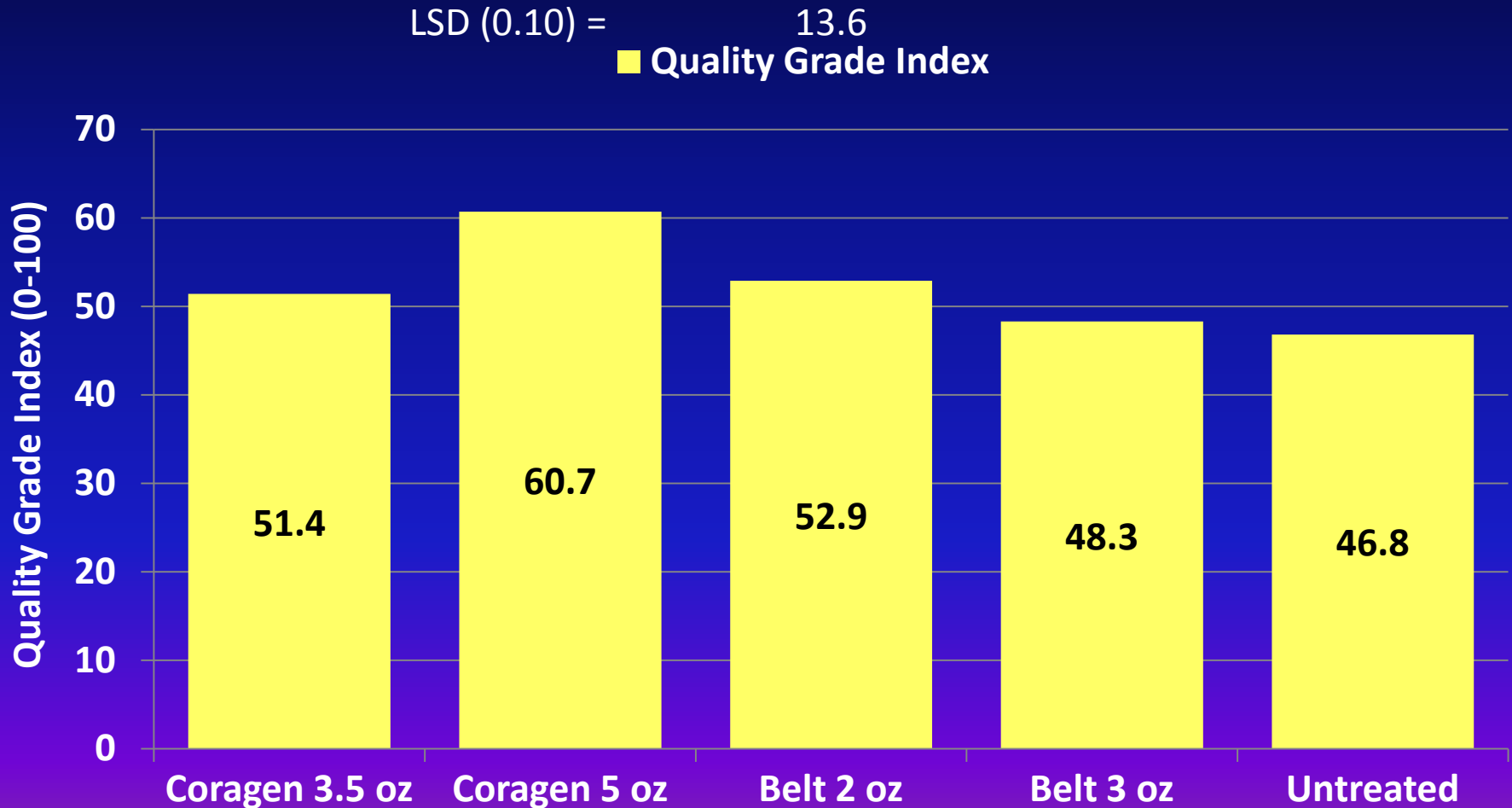
2011 – HRREC, Springfield, TN – Dark-Fired Tobacco Yield

LSD (0.10) = 166
■ Total Yield (lbs/A)



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2011 – HRREC, Springfield, TN – Dark-Fired Quality Grade Index



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2011 – HRREC, Springfield, TN – Trial Summary

- Worm control was similar with Coragen or Belt
- Both Coragen and Belt provide more effective residual worm control when applied at or after topping.
 - Less worm pressure than in Princeton trial
 - Only 1 threshold reached, and foliar application made before topping
- No major differences in dark-fired yield or quality grade index that can be attributed to treatment.