

2008 Admire Pro Insecticide Trial for Dark Tobacco

UKREC, Princeton, KY

- Objective: evaluate dark tobacco tolerance to maximum and excessive rates of Admire Pro
- Target pest: aphids
- PD 7302LC set June 2
- 4900 plants/A
 - 40" rows x 32" plant spacing
- Treatments applied as tray drench on May 29
- Harvested September 19
- Fire-Cured (4 firings)

Treatment	Rate /A
Untreated check	0
Admire Pro	1.2 oz/1000 plants
Admire Pro*	2.4 oz/1000 plants

*2.4 oz/1000 is 2x the maximum labeled use rate of Admire Pro.

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In-Season Plot Evaluation on July 14 (6 wks after transplanting)

Tobacco Injury and # of aphid colonies per plot

Treatment	Tobacco Injury (0-100%) July 14	# aphid colonies per plot (60 plants) July 14
Untreated Check	0	0
Admire Pro (1.2 oz/1000 plants)	4	0
Admire Pro (2.4 oz/1000 plants)	14	0
LSD _{0.05}	5.8	0

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In-Season Plot Evaluation August 1 (8 wks after transplanting)

Tobacco Injury and # of aphid colonies per plot

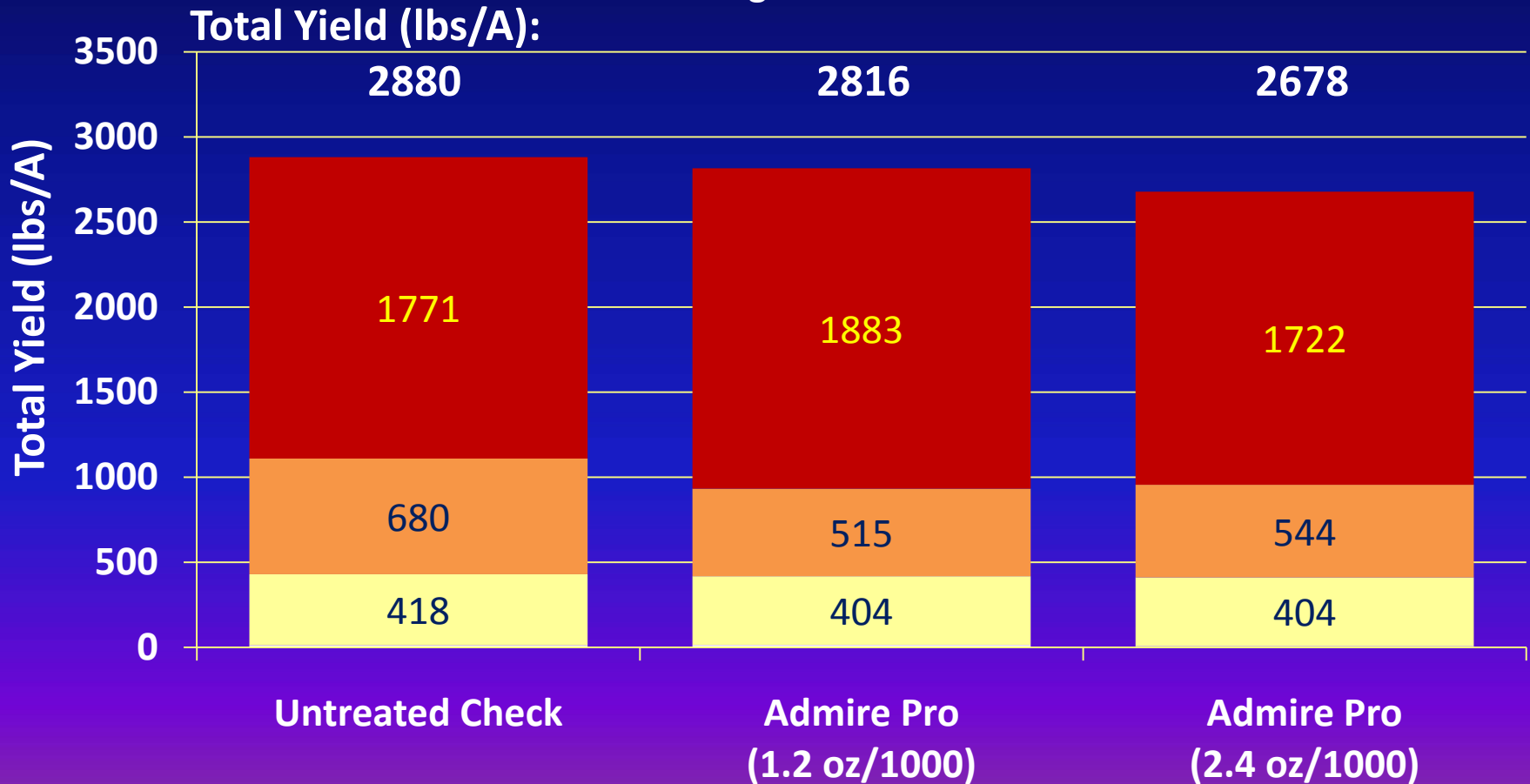
Treatment	Tobacco Injury (0-100%) July 14	# aphid colonies per plot (60 plants) July 14
Untreated Check	0	4
Admire Pro (1.2 oz/1000 plants)	2	0
Admire Pro (2.4 oz/1000 plants)	7	0
LSD _{0.05}	3.7	2.1

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Yield - UKREC, Princeton, KY

LSD_{0.05} = 15 72 296 252 317 (total)

■ Trash ■ Lug ■ Second ■ Leaf



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Quality Grade Index - UKREC, Princeton, KY

$LSD_{0.05} = 17.2$
■ Quality Grade Index

