

2010 Coragen Experiment

UKREC, Princeton, KY – Treatments*

Trt	Treatment	Rate (oz/A)	Timing
1	Coragen	5 oz/A	Transplant Water (TPW)
2	Coragen	7 oz/A	TPW
3	Coragen	3.5 oz/A	Foliar at Threshold
4	Coragen	5 oz/A	Foliar at Threshold
5	Belt	2 oz/A	Foliar at Threshold
6	Belt	3 oz/A	Foliar at Threshold
7	Untreated Check	-	none

*Transplant water treatments based on 200 gal/A water volume.

Foliar applications made at 15 gal/A (early) and 30 gal/A (late).

Threshold is 5 worms per 50 plants (hornworm or budworm or combination of each).

Coragen TPW treatments followed up with standard insecticides as foliar treatments at threshold.

Four randomized replications (plots) of each treatment in trial, approximately 50 plants per plot.

PD 7318LC set May 26, 4900 plants/A, fire-cured. Admire Pro (0.75 oz/1000 pl) applied as tray drench.

2010 Coragen Experiment

Hornworm and Budworm per plot, UKREC, Princeton, KY

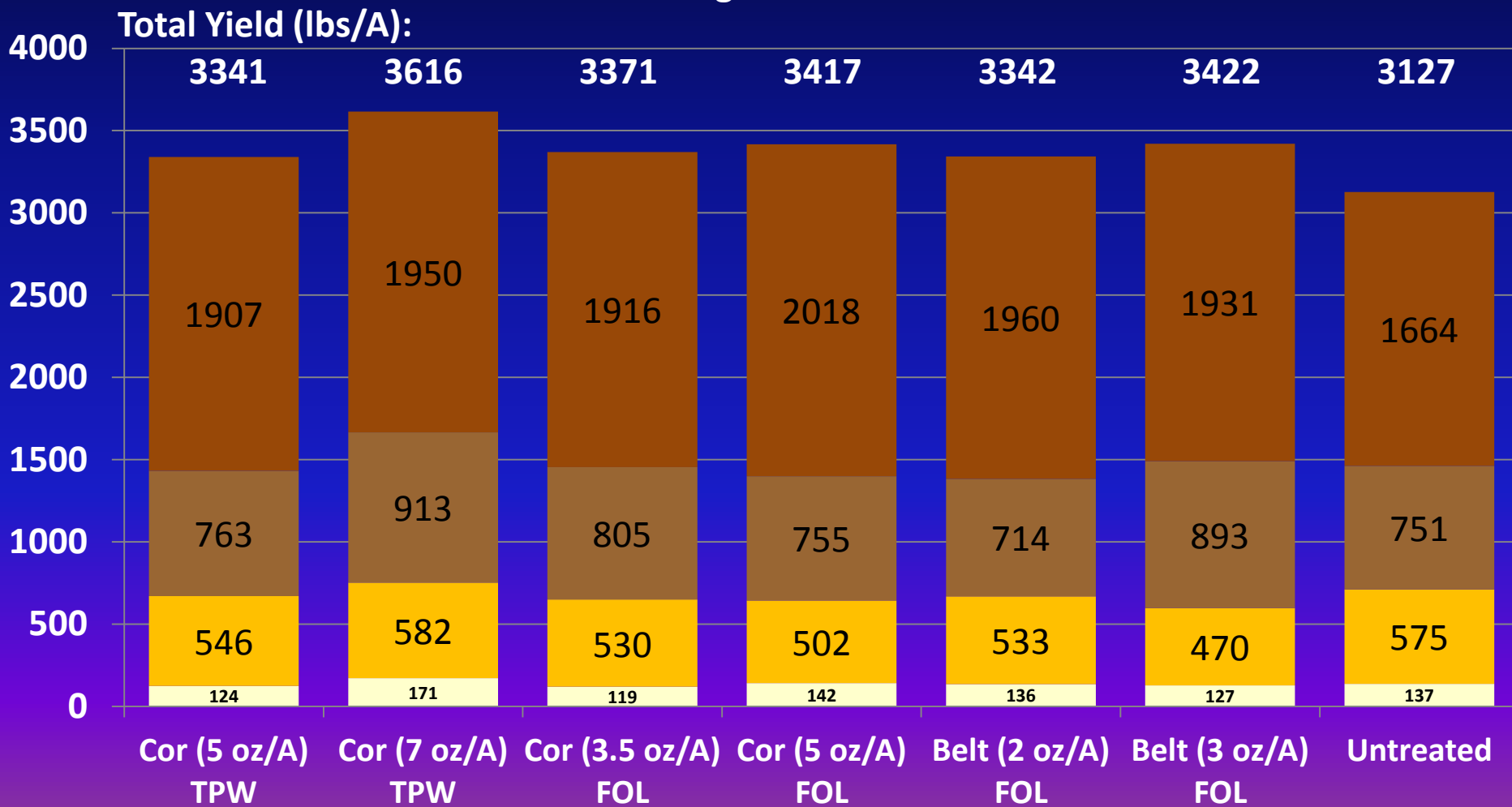
Wks after TP (thresh reached)	5 (1)	6	7	8	9 (2)	10	11	12 (3)	13	14	15
<i>Treatment</i>	July 1	July 7	July 15	July 22	July 29	Aug 3	Aug 11	Aug 17	Aug 27	Sept 2	Sept 9
Cor (5 oz/A) TPW	0.6 b	0.6 b	0 b	0.6 b	14 b	0.5 b	0.5 b	2.5 b	0 b	0 b	0 b
Cor (7 oz/A) TPW	1 b	0 b	0 b	0.6 b	16.6 b	0 b	0 b	3.5 b	0 b	0.5 b	0 b
Cor (3.5 oz/A) FOL	2.8 a	0 b	0 b	0 b	12.8 b	0.3 b	0 b	3 b	0 b	0 b	0 b
Cor (5 oz/A) FOL	3 a	0.5 b	0 b	2 a	26 a	0 b	0 b	2.8 b	0 b	0 b	0 b
Belt (2 oz/A) FOL	1.8 a	0 b	0 b	0.3 b	29 a	0.5 b	0.3 b	5.3 b	0 b	0 b	0 b
Belt (3 oz/A) FOL	2.1 a	0 b	0 b	2.3 a	20 b	0.3 b	0.5 b	6.3 b	0 b	0 b	0.5 b
Untreated	2.8 a	3 a	3 a	2.8 a	34.3 a	36 a	26 a	22 a	15 a	16 a	19 a

2010 Coragen Experiment

UKREC, Princeton, KY – Dark-Fired Yield

LSD (0.10) = 58 105 153 386 502 (total)

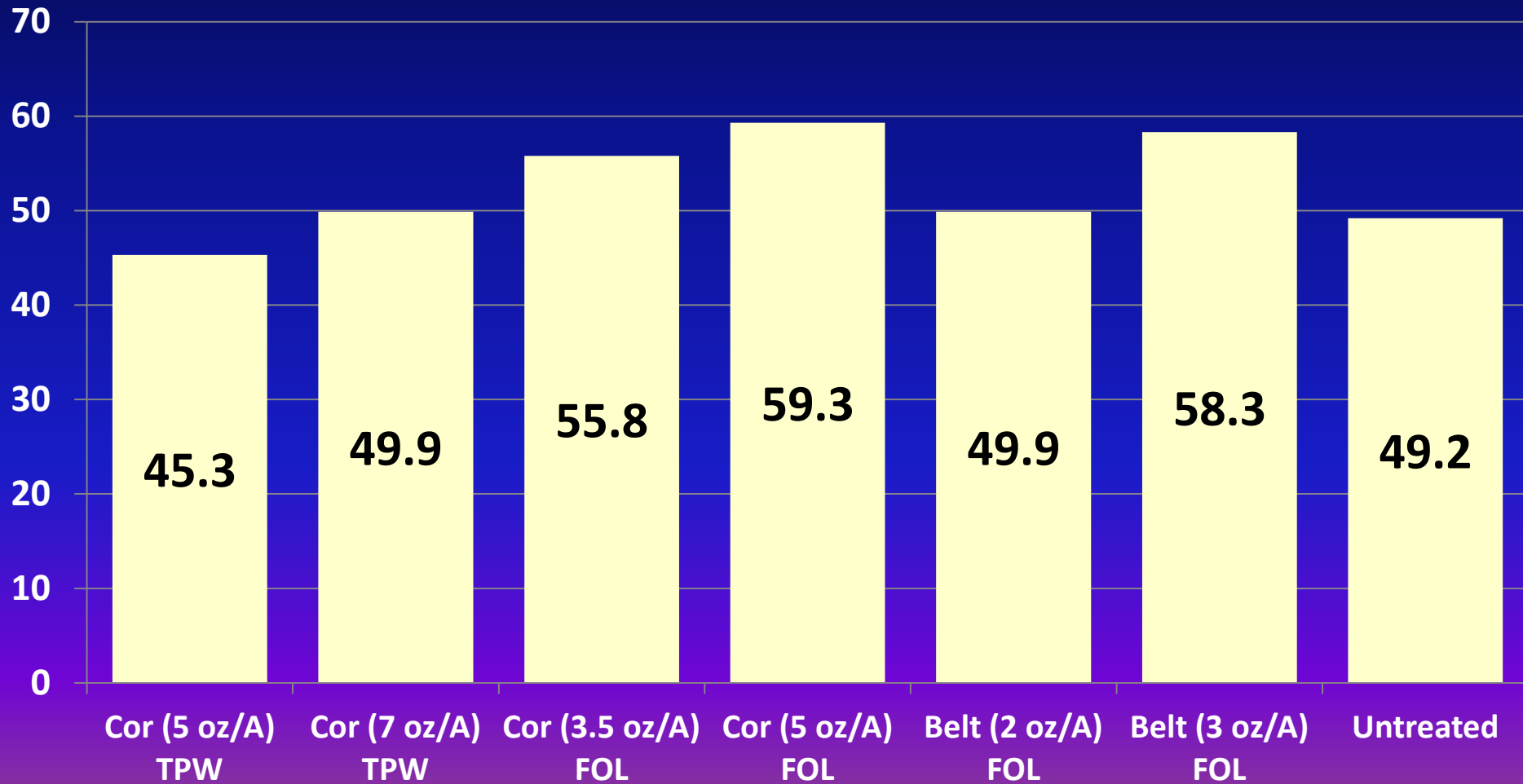
■ Trash ■ Lug ■ Second ■ Leaf



2010 Coragen Experiment

UKREC, Princeton, KY – Dark-Fired Quality Grade Index

LSD (0.10) = 15.1
■ Quality Grade Index



2010 Coragen Experiment

UKREC, Princeton, KY – Trial Summary

- Coragen in transplant water at 5 or 7 oz/A saved one foliar spray.
- Plants treated with Coragen in transplant water at 5 or 7 oz/A did not reach threshold until 9 weeks after transplanting (July 29).
- Worm control from Coragen as foliar spray was similar to Belt.