

# Sucker Control Trial for Dark Tobacco

## 2008 – UKREC, Princeton, KY

- PD 7302LC set May 30
  - 4900 plants/A (40" rows, 32" plant spacing)
- Randomized Complete Block Design with 4 replications
  - Plots 4 rows, 40 ft. long, all rows treated, data from center 2 rows
- All plots (including untreated) received 2 fatty alcohol applications (Off Shoot T, 2 gal/A) with dropline at 1<sup>st</sup> and 2<sup>nd</sup> topping.
  - 1<sup>st</sup> topping August 5
  - 2<sup>nd</sup> topping August 14
- Treatment applications made August 22 and August 25
  - Trts 1-7 made with 2-row boom, 3-nozzles/row, all TG5's, 55 gal/A
  - Treatments 8-9 made with backpack single nozzle, stalk rundown
- Trial harvested September 19, fire-cured
- Data collected: % sucker control, sucker fresh wt (30 plants), fire-cured yield and quality.

# Sucker Control Trial for Dark Tobacco

2008 – UKREC, Princeton, KY - Treatments

Treatment	Rate/Acre	Application Method	Spray Volume
2 OST fb OST+Butralin	1 gal/A Butralin	spray	55 gal/A
2 OST fb OST+Prime+	1 gal/A Prime	spray	55 gal/A
2 OST fb OST+Flupro	1 gal/A Flupro	spray	55 gal/A
2 OST fb Royal MH-30	1.25 gal/A MH	spray	55 gal/A
2 OST fb MH+But	1.25 gal/A MH + 0.5 gal/A But	spray	55 gal/A
2 OST fb MH+Prime	1.25 gal/A MH + 0.5 gal/A Prime	spray	55 gal/A
2 OST fb MH+Flupro	1.25 gal/A MH + 0.5 gal/A Flupro	spray	55 gal/A
2 OST fb Butralin	1 gal/A Butralin	Backpack	30 gal/A
2 OST fb OST+Butralin	1 gal/A Butralin	Backpack	30 gal/A
Untreated (2 OST only)	-	-	-

# Sucker Control Trial for Dark Tobacco

## 2008 – UKREC, Princeton, KY – Preharvest Plot Rating

Treatment	Rate/Acre	% Sucker Control (0-100)	Sucker Wt (lbs) per plot (30 plants)
2 OST fb OST+Butralin	1 gal/A Butralin	82	9.3
2 OST fb OST+Prime+	1 gal/A Prime	87	5.4
2 OST fb OST+Flupro	1 gal/A Flupro	87	7.5
2 OST fb Royal MH-30	1.25 gal/A MH	94	2.2
2 OST fb MH+But	1.25 gal/A MH + 0.5 gal/A But	93	5.2
2 OST fb MH+Prime	1.25 gal/A MH + 0.5 gal/A Prime	95	2.2
2 OST fb MH+Flupro	1.25 gal/A MH + 0.5 gal/A Flupro	92	5.1
2 OST fb Butralin	1 gal/A Butralin - BP	89	4.5
2 OST fb OST+Butralin	1 gal/A Butralin - BP	93	3.8
Untreated (2 OST only)	-	53	12.6
LSD <sub>0.05</sub>		8	6

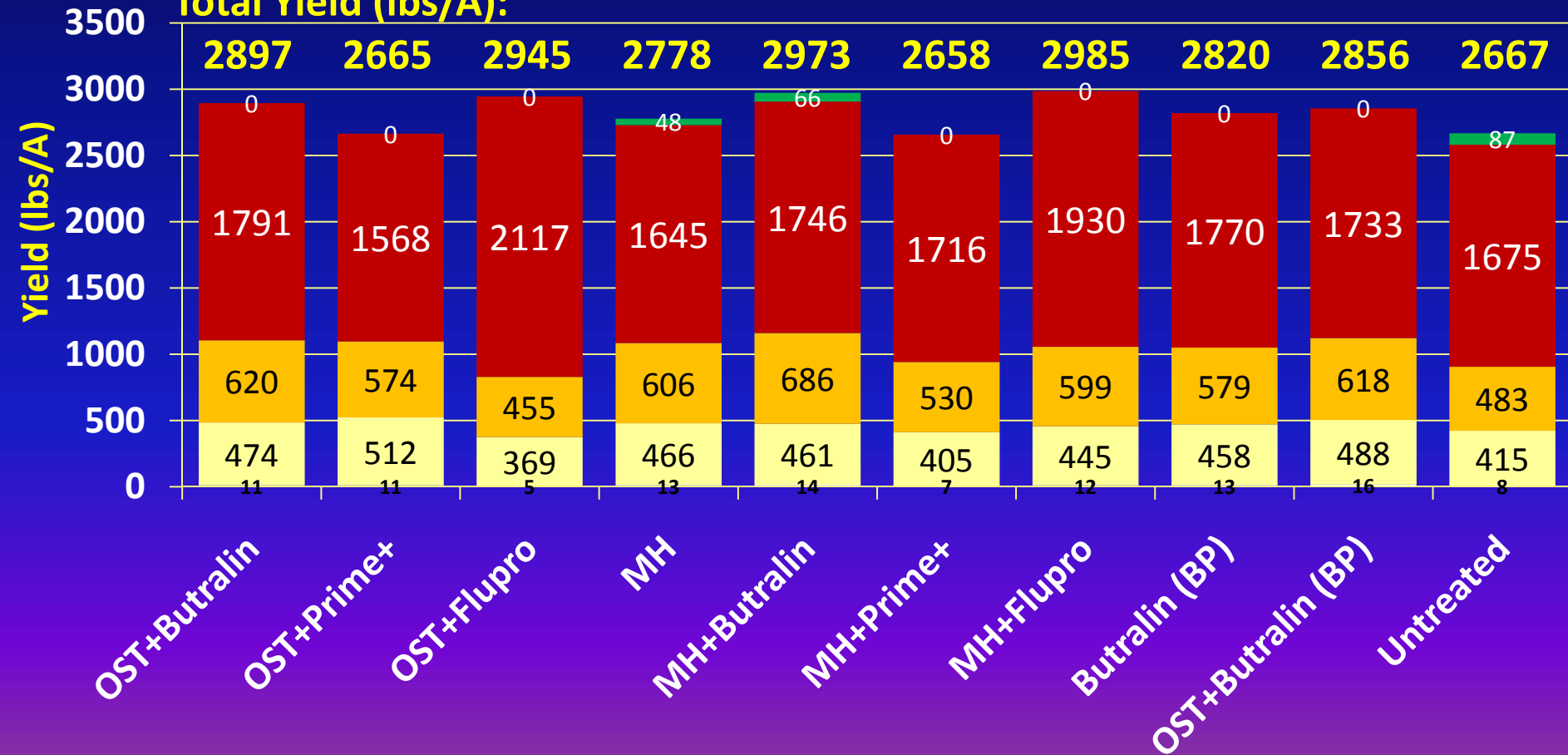
# Sucker Control Trial for Dark Tobacco

2008 – UKREC, Princeton, KY – Dark-Fired Yield

LSD<sub>0.05</sub> = 17      134      136      368      113      454 (total, ns)

■ Trash   ■ Lug   ■ Second   ■ Leaf   ■ Green

**Total Yield (lbs/A):**



# Sucker Control Trial for Dark Tobacco

## 2008 – UKREC, Princeton, KY – Quality Grade Index

LSD<sub>0.05</sub> = 24.2  
■ Grade Index

