

Sucker Control Trial for Dark Tobacco

2008 – HRREC, Springfield, TN

- PD 7312LC set May 21
 - 5063 plants/A (42" rows, 29.5" 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 at least 1 fatty alcohol application (Off Shoot T, 2 gal/A) as 2-row spray, 3 nozzles/row, 55 gal/A. OST applications in Trt 6 made at 75 gal/A.
 - 1st topping July 16
 - 2nd topping July 22
- Treatment applications made August 4
 - 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 2, air-cured
- Data collected: sucker number/10 plants, sucker fresh wt/10 plants, air-cured yield and quality.

Sucker Control Trial for Dark Tobacco

2008 – HRREC, Springfield, TN - 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 (75 gal/A) fb MH+But | 1.25 gal/A MH + 0.5 gal/A But | spray | 75/55 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 | 38 gal/A |
| 2 OST fb OST+Butralin | 1 gal/A Butralin | Backpack | 38 gal/A |
| Untreated (1 OST only) | - | - | - |

Sucker Control Trial for Dark Tobacco

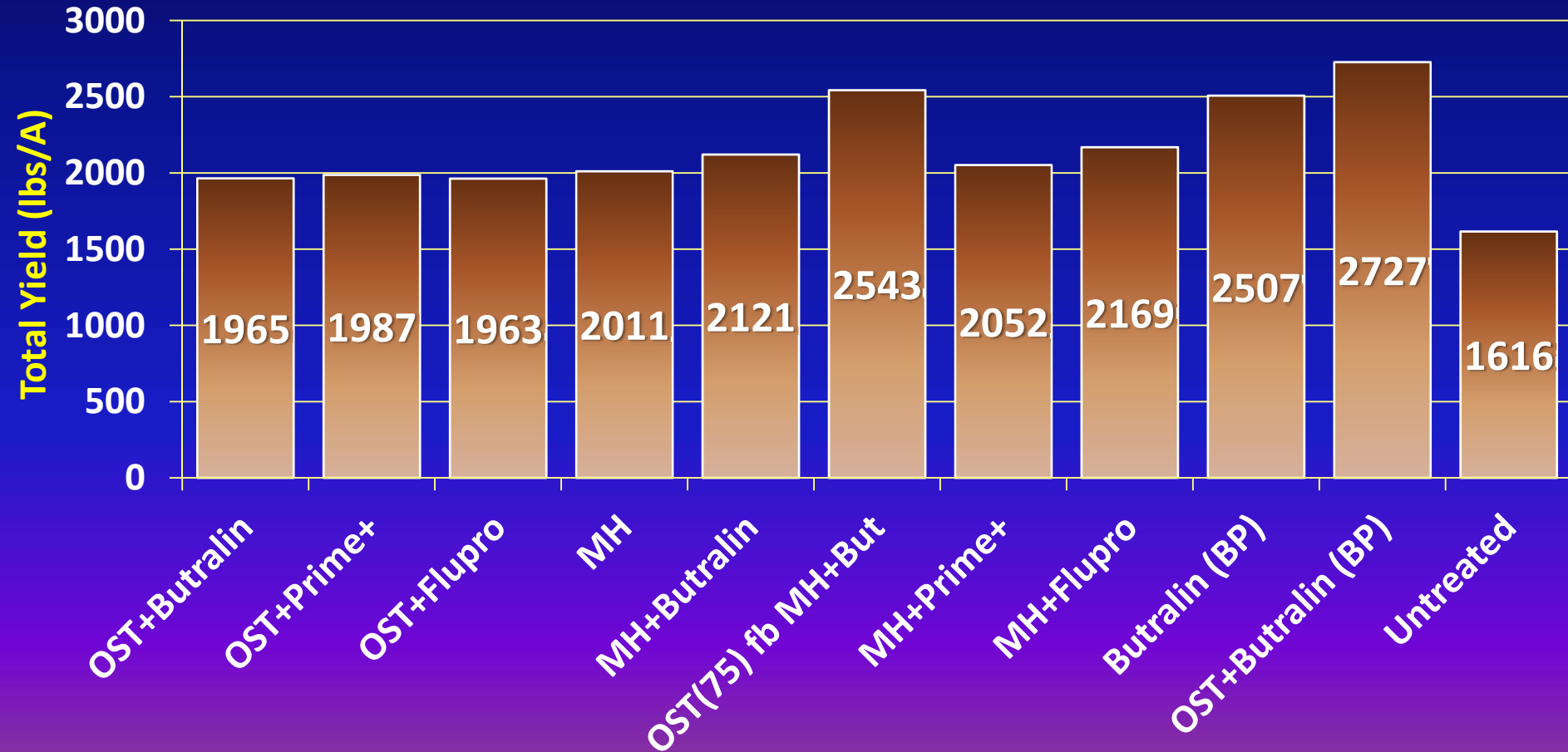
2008 – HRREC, Springfield, TN – Preharvest Plot Rating

| Treatment | Rate/Acre | No. of Suckers per 10 plants | Sucker Wt (lbs) per 10 plants |
|----------------------------|----------------------------------|------------------------------|-------------------------------|
| 2 OST fb OST+Butralin | 1 gal/A Butralin | 91 | 33.1 |
| 2 OST fb OST+Prime+ | 1 gal/A Prime | 77 | 29.5 |
| 2 OST fb OST+Flupro | 1 gal/A Flupro | 80 | 33.5 |
| 2 OST fb Royal MH-30 | 1.25 gal/A MH | 83 | 25.4 |
| 2 OST fb MH+But | 1.25 gal/A MH + 0.5 gal/A But | 70 | 25.5 |
| 2 OST (75 gal/A) fb MH+But | 1.25 gal/A MH + 0.5 gal/A But | 52 | 17.1 |
| 2 OST fb MH+Prime | 1.25 gal/A MH + 0.5 gal/A Prime | 71 | 23.2 |
| 2 OST fb MH+Flupro | 1.25 gal/A MH + 0.5 gal/A Flupro | 77 | 25.9 |
| 2 OST fb Butralin | 1 gal/A Butralin - BP | 23 | 11.0 |
| 2 OST fb OST+Butralin | 1 gal/A Butralin - BP | 14 | 5.4 |
| Untreated (1 OST only) | - | 120 | 30.2 |
| LSD _{0.05} | | 26 | 13.4 |

Sucker Control Trial for Dark Tobacco

2008 – HRREC, Springfield, TN – Total Dark Air-Cured Yield

LSD_{0.05} = 256
■ Total Yield



Sucker Control Trial for Dark Tobacco

2008 – HRREC, Springfield, TN – Quality Grade Index

LSD_{0.05} = 8.9 (ns)
■ Grade Index

