

2010 Chemtura
Burley Sucker Control Trial
UKREC – Princeton, KY

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Trial Specifications

- NC 7LC transplanted May 24, 2010
 - 5,918 plants/A (40" rows, 26.5" plant spacing)
- Randomized Complete Block Design
- 4 replications
- Plots 4 rows, 40 ft. long, all 4 rows treated
- All treatments applied with 3 nozzle/row, 2-row boom, TG5 coarse solid cone nozzles, 50 gal/A spray volume
- Tobacco harvested September 22, 2010
 - Sucker control data collected September 20

Treatments

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Trt #	Treatment	Rate/A	Timing
1	Untreated Check (2 OST)	2 gal	Elong Bud
2	OST	2 gal	Elong Bud
	OST	2 gal	7 days
	OST	2 gal	14 days
	OST	2 gal	21 days
3	OST	2 gal	Elong Bud
	OST + Butralin	2 gal + 0.5 gal	7 days
	OST + Flupro	2 gal + 0.5 gal	14 days
4	OST	2 gal	Elong Bud
	Royal MH-30 + Butralin	1 gal + 0.75 gal	7 days
5	OST	2 gal	Elong Bud
	Royal MH-30 + Butralin	1.5 gal + 0.5 gal	7 days
6	Royal MH-30 + Butralin	1.5 gal + 0.5 gal	Elong Bud

Sucker Control and Sucker Biomass Data

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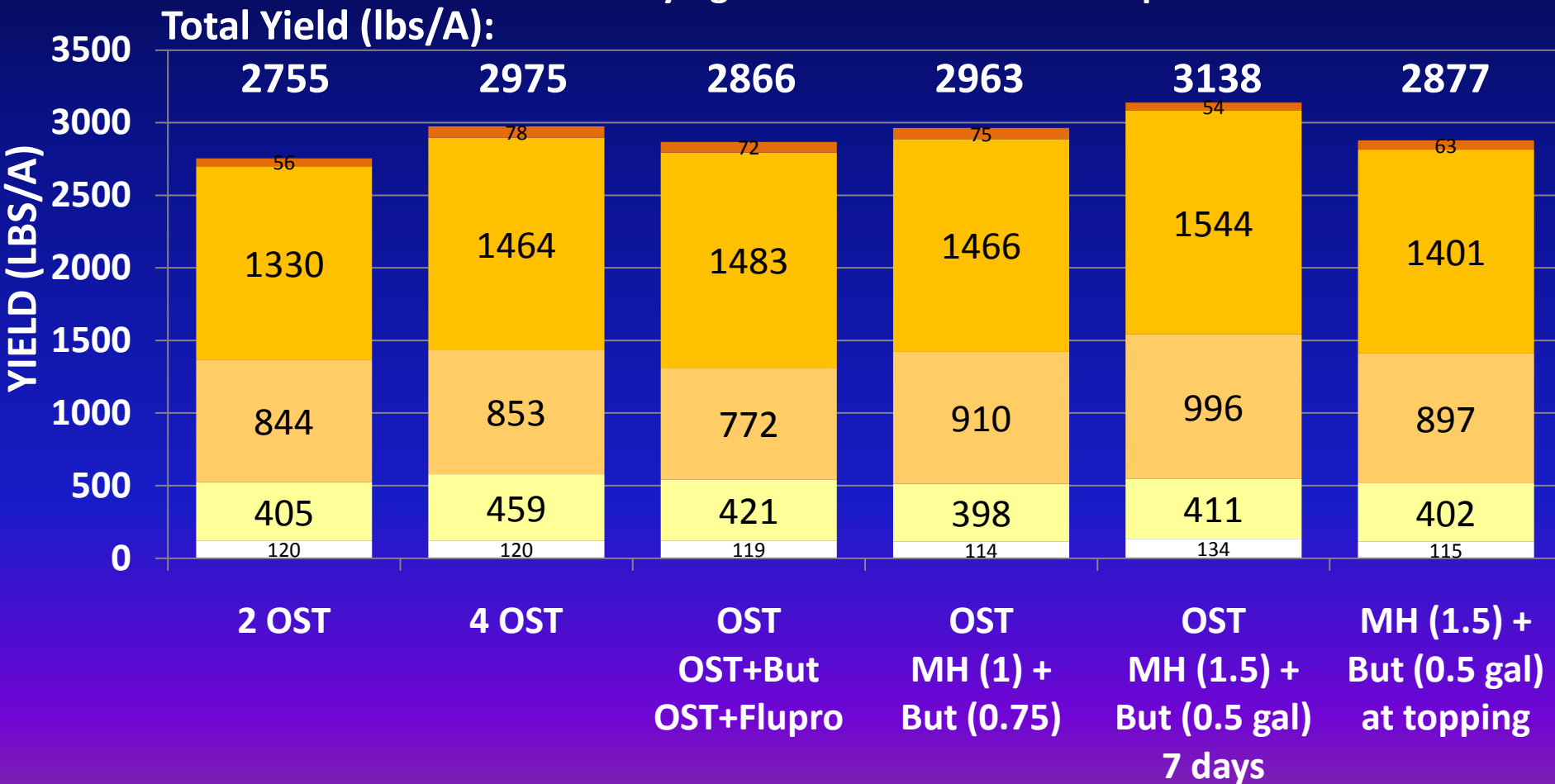
Trt #	Treatment	Rate/A	Timing	% Sucker Control	Sucker Biomass per plot (lbs) (30 plants)
1	Untreated (2 OST)	2 gal	At Topping	41 c	10.3 a
2	4 weekly OST	2 gal	AT-7 d-14 d-21 d	76 b	4.8 ab
3	OST OST+Butralin OST+Flupro	2 gal 2 gal + 0.5 gal 2 gal + 0.5 gal	AT 7 days 14 days	78 b	6.4 ab
4	OST Royal MH + Butralin	2 gal 1 gal+0.75 gal	AT 7 days	94 a	2.7 b
5	OST Royal MH + Butralin	2 gal 1.5 gal+0.5 gal	AT 7 days	99 a	0.7 b
6	Royal MH + Butralin	1.5 gal+0.5 gal	AT	95 a	2.7 b
			LSD (0.10) =	4.8	5.8

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LSD(.10) = 31 78 115 210 29 341 (total)

■ Trash ■ Flyings ■ Cutter ■ Leaf ■ Tips



**Butralin must be applied at least 30 days prior to harvest.*

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UKREC, Princeton, KY – Quality Grade Index

LSD(.10) = 13.0
■ Quality Grade Index

