

2010 Dark Tobacco Sucker Control Trial

Sponsored by Chemtura Corp. – HRREC, Springfield, TN

- NL Madole set early June
 - 4614 plants/A
 - 42” row spacing, 32.4” plant spacing
- Randomized complete block design with 4 replications
 - Plots 4 rows, 40 ft. long
- 1st topping August 7
 - Off Shoot T on all plots by dropline
- 2nd topping August 15
 - Off Shoot T by dropline to all treatments except treatment 9
- Treatment applications sprayed on August 21
 - Straight boom sprayer
 - All TG-5’s, 20” nozzle spacing
 - 55 gal/A
- Data collected Sept. 15:
 - % sucker control
 - % plants with suckers
 - # axillary stalk suckers/10 plants
 - # ground suckers/10 plants
 - Fire-cured yield and quality
- Tobacco harvested early October, fire-cured

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Trt #	Treatment	Timing	Rate (gal/A)
1	OST fb OST fb OST + Butralin	1 st top – 2 nd top – 7 d	2 - 2.5 - 2.5+0.5
2	OST fb OST fb OST + Butralin	1 st top – 2 nd top – 7 d	2 – 2.5 – 2.5+0.75
3	OST fb OST fb OST + Flupro	1 st top – 2 nd top – 7 d	2 – 2.5 – 2.5+0.5
4	OST fb OST fb MH-30	1 st top – 2 nd top – 7 d	2 – 2.5 – 1.5
5	OST fb OST fb MH-30 + Butralin	1 st top – 2 nd top – 7 d	2 – 2.5 – 1.25+0.5
6	OST fb OST fb MH-30	1 st top – 2 nd top – 7 d	2 – 2.5 – 1.25
7	OST fb OST + Butralin (dropline)	1 st top – 7 d	2 – 2+1
8	OST fb MH-30 + Butralin	1 st top – 7 d	2 – 1+0.75
9	OST	1 st top	2

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Trt #	Treatment	% Control	# Stalk Suckers	# Ground Suckers
1	OST fb OST fb OST + Butralin	73 ab	5 b	17 abc
2	OST fb OST fb OST + Butralin	58 ab	5 b	22 a
3	OST fb OST fb OST + Flupro	60 ab	7 b	17 abc
4	OST fb OST fb MH-30	75 ab	5 b	11 c
5	OST fb OST fb MH-30 + Butralin	80 a	5 b	12 bc
6	OST fb OST fb MH-30	60 ab	5 b	16 abc
7	OST fb OST + Butralin (dropline)	53 bc	5 b	21 ab
8	OST fb MH-30 + Butralin	80 a	4 b	9 c
9	OST	30 c	29 a	18 abc
	LSD _{0.05}	23	4	9

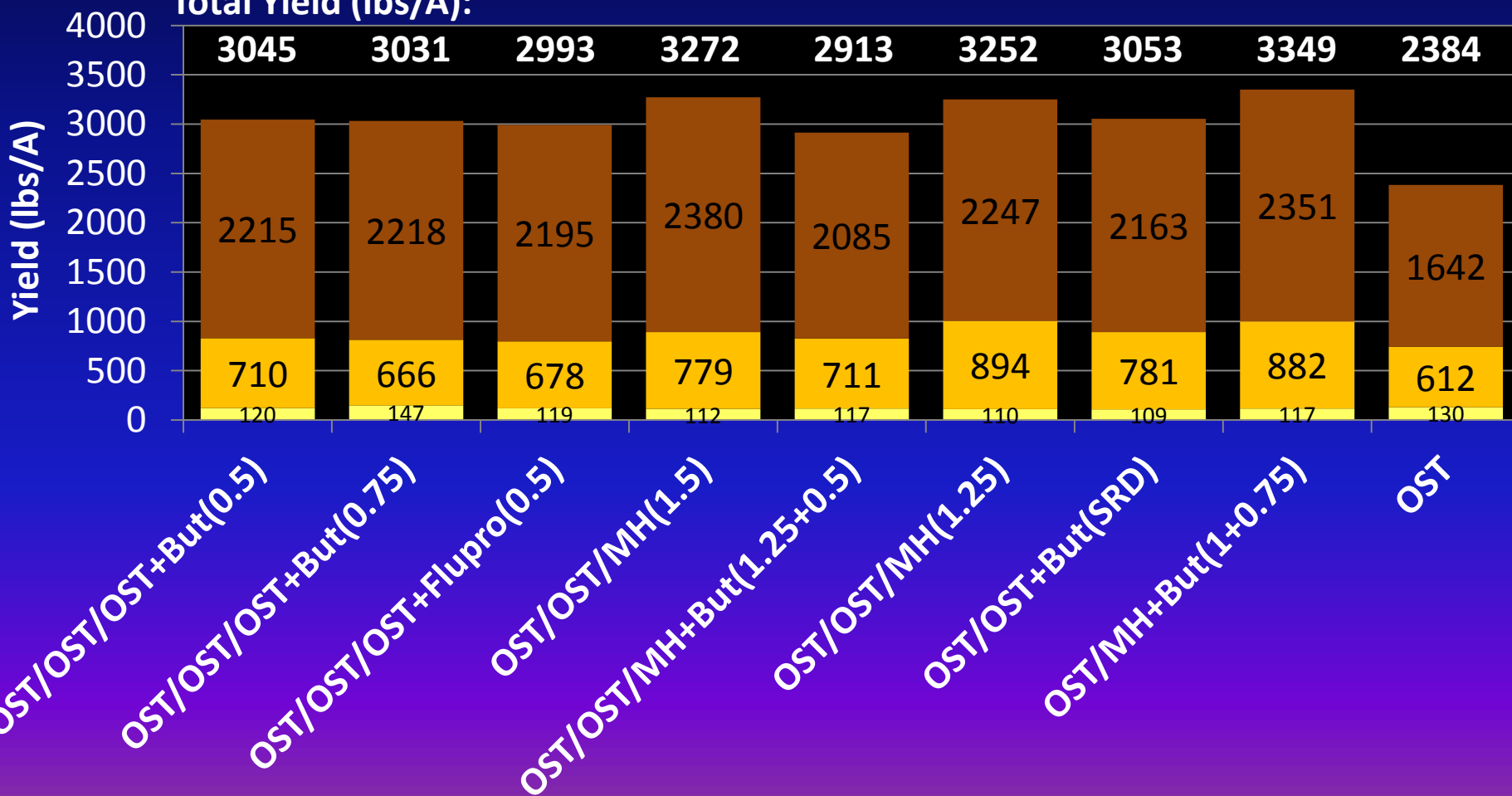
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LSD_{0.05} = 32 131 324 399 (total)

 ■ Lug ■ Second ■ Leaf

Total Yield (lbs/A):



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