

2009 Burley Sucker Control Trial

Sponsored by Chemtura Corp. – UKREC, Princeton

- TN 90LC set May 21
 - 40" row spacing, 32" plant spacing = 4900 plants/A
- Off Shoot-T at 4% of solutions was applied to all plots on at topping on July 31.
 - Dropline manual stalk rundown application
- All other applications sprayed with 2-row straight boom
 - 4 nozzles over 2 rows, all TG-5 coarse nozzles, 55 gal/A
- Data collected:
 - Sucker Control, sucker number at approx. 1 wk prior to harvest
 - Burley yield and quality

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Trt #	Treatment	Rate/A	Application Date (s)
1	OST fb OST fb OST + Butralin	2 gal fb 2 gal fb 2 gal + 0.5 gal	7/31, 8/7, 8/14
2	OST fb OST + Butralin	2 gal fb 2 gal + 0.75 gal	7/31, 8/7
3	OST fb OST+But fb OST+But	2 gal fb 2 gal+0.25 gal fb 2 gal+0.25 gal	7/31, 8/7, 8/14
4	OST fb OST+But fb OST+Flupro	2 gal fb 2 gal+0.25 gal fb 2 gal+0.25 gal	7/31, 8/7, 8/14
5	OST fb OST+But fb OST+Flupro	2 gal fb 2 gal+0.5 gal fb 2 gal+0.5 gal	7/31, 8/7, 8/14
6	OST fb Royal MH + Butralin	2 gal fb 1.5 gal + 0.5 gal	7/31, 8/7
7	OST fb Royal MH + Flupro	2 gal fb 1.5 gal + 0.5 gal	7/31, 8/7
8	OST fb Royal MH	2 gal fb 1.5 gal	7/31, 8/7
9	OST fb Royal MH+Butralin	2 gal fb 1 gal + 1 gal	7/31, 8/7
10	OST fb Royal MH+Flupro	2 gal fb 1 gal + 1 gal	7/31, 8/7
11	OST fb Royal MH+Butralin	2 gal fb 1 gal + 0.75 gal	7/31, 8/7
12	Control (1 OST)	2 gal	7/31

*OST = Off Shoot-T; fb = followed by.

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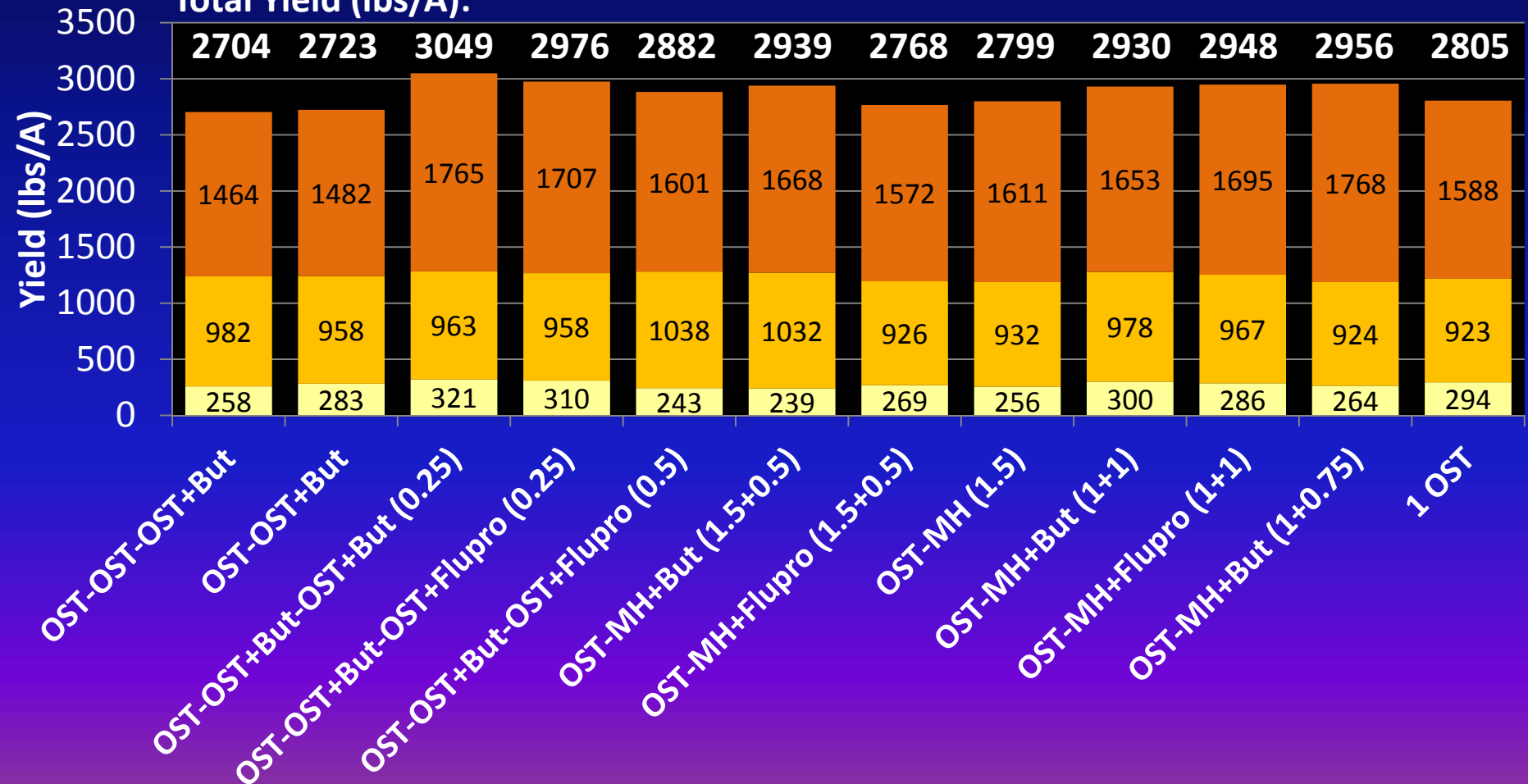
Trt #	Treatment (Rate in Gal/A)	% Control	Plants per 10 with suckers	# Axil Suckers	# Ground Suckers	# Total Suckers
1	OST fb OST fb OST + Butralin (0.5)	39	6	3	6	9
2	OST fb OST + Butralin (0.75)	52	6	9	3	12
3	OST fb OST+But (0.25) fb OST+But (0.25)	45	5	4	3	7
4	OST fb OST+But fb OST+Flupro	46	5	5	3	8
5	OST fb OST+But (0.5) fb OST+Flupro (0.5)	59	6	2	6	8
6	OST fb MH (1.5) + But (0.5)	93	2	1	2	3
7	OST fb MH (1.5) + Flupro (0.5)	94	2	0	2	2
8	OST fb MH (1.5)	90	2	2	1	3
9	OST fb MH (1) + But (1)	89	2	1	1	2
10	OST fb MH (1) + Flupro (1)	92	2	1	2	3
11	OST fb MH (1)+But (0.75)	85	3	1	2	3
12	Control (1 OST)	22	9	14	7	21
	LSD _{0.05}	12	3	5	3	7

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LSD_{0.05} = 57 155 246 341 (total)
 ■ Flyings ■ Cutters ■ Leaf

Total Yield (lbs/A):



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Sponsored by Chemtura Corp. – UKREC, Princeton – Burley Quality Data

LSD_{0.05} = 6.9
■ Grade Index

