

2015 Chemtura Burley Sucker Control Trial

MSU West Farm – Murray KY

- NC 7 burley dark set June 19
– 40" x 32" = 4900 plants/acre
- All treatments applied with 3 nozzle system
- At Top applied on August 20
- 7 day applied August 27
- Data collected September 30
- Harvested October 2

Trt	Treatment	Rate (gal/A)	Timing
1	RTM+Butralin fb RTM+Butralin	1.5+.5 fb 1.5 +.5	At top fb 7 d
2	OST+Butralin fb OST+Butralin	2+.5 fb 2+.5	At top fb 7 d
3	RTM +Butralin fb RTM +Butralin	2+.05 fb 2 +.05	At top fb 7 d
4	RTM +Butralin fb RTM +Butralin	1+.05 fb 1 +.05	At top fb 7 d
5	MH30+Butralin	1+.75	At top
6	MH30+Butralin	1.5+.5	At top
7	RTM (check)	2	At top

Abbreviations: RTM = Royal Tac M; MH30 = Royal MH-30

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MSU West Farm – Murray KY – Sucker Control

Trt	Treatment	Rate (gal/A)	Timing	% Sucker Control	Sucker Weight (lbs/10 plants)
1	RTM+Butralin fb RTM+Butralin	1.5+.5 fb 1.5 +.5	At top fb 7 d	85.5 ab	3.15 abc
2	OST+Butralin fb OST+Butralin	2+.5 fb 2+.5	At top fb 7 d	83.5 ab	4.05 abc
3	RTM +Butralin fb RTM +Butralin	2+.05 fb 2 +.05	At top fb 7 d	78.8 b	4.30 abc
4	RTM +Butralin fb RTM +Butralin	1+.05 fb 1 +.05	At top fb 7 d	75.3 b	4.55 ab
5	MH30+Butralin	1+.75	At top	95.0 a	2.10 bc
6	MH30+Butralin	1.5+.5	At top	97.5 a	1.33 c
7	RTM (check)	2	At top	57.8 c	5.63 a

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MSU West Farm – Murray KY – Yield

Trt	Treatment	Rate (gal/A)	Timing	Flyings (lbs/A)	Cutter (lbs/A)	Leaf (lbs/A)	Tip (lbs/A)	Total (lbs/A)
1	RTM+Butralin fb RTM+Butralin	1.5+.5 fb 1.5 +.5	At top fb 7 d	298 a	423 a	1509 a	204 bc	2435 a
2	OST+Butralin fb OST+Butralin	2+.5 fb 2+.5	At top fb 7 d	278 a	445 a	1459 a	244 abc	2426 a
3	RTM +Butralin fb RTM +Butralin	2+.05 fb 2 +.05	At top fb 7 d	288 a	430 a	1418 a	265 ab	2402 a
4	RTM +Butralin fb RTM +Butralin	1+.05 fb 1 +.05	At top fb 7 d	290 a	432 a	1394 ab	224 abc	2340 ab
5	MH30+Butralin	1+.75	At top	321 a	457 a	1450 a	216 abc	2445 a
6	MH30+Butralin	1.5+.5	At top	265 a	418 a	1299 b	188 c	2171 b
7	RTM (check)	2	At top	305 a	432 a	1296 b	283 a	2316 ab

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MSU West Farm – Murray KY – Yield

Trt	Treatment	Rate (gal/A)	Timing	Quality Grade Index (0-100)
1	RTM+Butralin fb RTM+Butralin	1.5+.5 fb 1.5 +.5	At top fb 7 d	43.2 a
2	OST+Butralin fb OST+Butralin	2+.5 fb 2+.5	At top fb 7 d	44.8 a
3	RTM +Butralin fb RTM +Butralin	2+.05 fb 2 +.05	At top fb 7 d	43.2 a
4	RTM +Butralin fb RTM +Butralin	1+.05 fb 1 +.05	At top fb 7 d	42.3 a
5	MH30+Butralin	1+.75	At top	44.5 a
6	MH30+Butralin	1.5+.5	At top	42.5 a
7	RTM (check)	2	At top	46.6 a