

2012 Burley Sucker Control Trial

MSU West Farm – Murray KY

- Objective: Compare sucker control and MH residue from MH applications made with conventional 3-nozzle/row system or with conveyor hoods.
- TN 90LC set June 13
 - 41" rows x 32" plant spacing = 4781 plants/A
- Off Shoot T applied August 8 and 16
- Tobacco topped August 16
- Treatments applied August 23
 - All applications at 60 gal/A
- Tobacco harvested October 3

Trt #	Treatment	Rate (gal/A)	Method
1	Royal MH-30 + Flupro	1.5 + 0.5	Spray
2	Royal MH-30 + Flupro	1.5 + 0.5	Conveyor
3	Royal MH-30 + Flupro	1.0 + 0.5	Spray
4	Royal MH-30 + Flupro	1.0 + 0.5	Conveyor
5	Untreated check	0	-



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MSU West Farm – Murray KY – Sucker Control Data

Trt #	Treatment	Rate (gal/A)	Method	% Sucker Control	Sucker Fresh Wt. per 10 plants (lbs)
1	Royal MH-30 + Flupro	1.5 + 0.5	Spray	94 a	1.7 c
2	Royal MH-30 + Flupro	1.5 + 0.5	Conveyor	91 ab	2.5 bc
3	Royal MH-30 + Flupro	1.0 + 0.5	Spray	89 b	2.9 bc
4	Royal MH-30 + Flupro	1.0 + 0.5	Conveyor	91 ab	4.6 b
5	Untreated check (OST)	0	-	9 c	44.9 a
LSD (0.10) =				4	2.3

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MSU West Farm – Murray KY – Burley Yield

Trt #	Treatment	Rate (gal/A)	Method	Flyings (lbs/A)	Cutters (lbs/A)	Leaf (lbs/A)	Total Yield (lbs/A)
1	Royal MH-30 + Flupro	1.5 + 0.5	Spray	193 ab	373 a	1897 a	2462 a
2	Royal MH-30 + Flupro	1.5 + 0.5	Conveyor	239 a	365 a	1980 a	2584 a
3	Royal MH-30 + Flupro	1.0 + 0.5	Spray	204 ab	360 a	1921 a	2485 a
4	Royal MH-30 + Flupro	1.0 + 0.5	Conveyor	221 ab	375 a	1906 a	2502 a
5	Untreated check (OST only)	0	-	167 b	281 b	1070 b	1518 b
LSD (0.10) =				59	52	296	288