

2012 Dark Sucker Control Trial

MSU West Farm – Murray KY

- Objective: Compare sucker control MH and non-MH applications made with conventional 3-nozzle/row system or with conveyor hoods.
- PD 7309LC set June 13
 - 41" rows x 32" plant spacing = 4781 plants/A
- Off Shoot T applied August 8, 16, 23
- Tobacco topped August 16 and 23
- Treatments applied Aug 30 and Sept 6
 - All applications at 67.5 gal/A
- Tobacco harvested October 9
 - Fire-cured

Trt #	Treatment	Rate (gal/A)	Method
1	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Spray
2	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Conveyor
3	Royal MH-30 + Flupro	1.25 + 0.5	Spray
4	Royal MH-30 + Flupro	1.25 + 0.5	Conveyor



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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	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Spray	52 a	31.1 a
2	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Conveyor	62 a	22.9 ab
3	Royal MH-30 + Flupro	1.25 + 0.5	Spray	75 a	13.5 b
4	Royal MH-30 + Flupro	1.25 + 0.5	Conveyor	68 a	25.0 a
LSD (0.10) =				23	11.0

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MSU West Farm – Murray KY – Dark-Fired Yield

Trt #	Treatment	Rate (gal/A)	Method	Lugs (lbs/A)	Seconds (lbs/A)	Leaf (lbs/A)	Total Yield (lbs/A)	Quality Grade Index (0-100)
1	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Spray	273 a	451 b	1953 a	2677 b	64.5 a
2	OST + Flupro fb OST + Flupro	2 + 0.5 2 + 0.5	Conveyor	292 a	559 a	2018 a	2869 ab	61.8 a
3	Royal MH-30 + Flupro	1.25 + 0.5	Spray	313 a	537 a	2194 a	3044 a	56.2 a
4	Royal MH-30 + Flupro	1.25 + 0.5	Conveyor	314 a	514 a	2028 a	2856 ab	62.1 a
LSD (0.10) =				98	54	293	280	14.7