

2015 Drexel Burley Sucker Control Trial

UKREC – Princeton, KY

- HB4488 burley set June 3
– 40" x 25" = 6273 plants/A
- Pre-Top treatments Aug 4
- At Top treatments Aug 11
- 7-day treatments Aug 18
– 60 gal/A in all applications
- 14-day treatments Aug 26
- Data collected Sept 1
- Harvested Sept 10

SP= Sucker Plucker
PP = Plucker Plus
SS= Sucker Stuff

Trt	Treatment	Rate (gal/A)	Timing	Method
1	SP	2	Pretop	3-nozzle
	fb SP	2.5	At top	
	fb PP	2.5	7 days	
	fb PP + SS	2.5 +.66	14days	
2	SP	2.4	Pretop	3-nozzle
	fb SP	3	At top	
	fb PP	2.5	7 days	
	fb PP + SS	2.5+.66	14 days	
3	SP	2	Pretop	3-nozzle
	fb SP	2.5	At top	
	fb Antak	2	7 days	
	fb Antak +SS	2+.66	14 days	
4	SP	2.4	Pretop	3-nozzle
	fb SP	3	At top	
	fb Antak	2	7 days	
	fb Antak +SS	2+.66	14 days	
5	SP	2.4	Pretop	3-nozzle

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Trt	Treatment	Rate (gal/A)	Timing	Method	% Sucker Control	Sucker Wt. (lbs/10 plants)
1	SP	2	Pretop	3-nozzle	92.5 a	1.53 b
	fb SP	2.5	At top			
	fb PP	2.5	7 days			
	fb PP + SS	2.5 +.66	14days			
2	SP	2.4	Pretop	3-nozzle	87.8 b	2.43 b
	fb SP	3	At top			
	fb PP	2.5	7 days			
	fb PP + SS	2.5+.66	14 days			
3	SP	2	Pretop	3-nozzle	91.3a	1.78 b
	fb SP	2.5	At top			
	fb Antak	2	7 days			
	fb Antak +SS	2+.66	14 days			
4	SP	2.4	Pretop	3-nozzle	82.8 c	3.83 b
	fb SP	3	At top			
	fb Antak	2	7 days			
	fb Antak +SS	2+.66	14 days			
5	SP	2.4	Pretop	3-nozzle	0.0 d	17.93 a

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Trt	Treatment	Rate (gal/A)	Timing	Method	Flyings (lbs/A)	Cutters (lbs/A)	Leaf (lbs/A)	Tips (lbs/A)	Total (lbs/A)
1	SP	2	Pretop	3-nozzle	352 a	492 ab	1961 ab	607 a	3412 a
	fb SP	2.5	At top						
	fb PP	2.5	7 days						
	fb PP + SS	2.5 +.66	14days						
2	SP	2.4	Pretop	3-nozzle	336 a	513 ab	1854 b	554 b	3256 a
	fb SP	3	At top						
	fb PP	2.5	7 days						
	fb PP + SS	2.5+.66	14 days						
3	SP	2	Pretop	3-nozzle	337 a	532 a	2105 a	578 a	3553 a
	fb SP	2.5	At top						
	fb Antak	2	7 days						
	fb Antak +SS	2+.66	14 days						
4	SP	2.4	Pretop	3-nozzle	339 a	483 b	1969 ab	539 a	3329 a
	fb SP	3	At top						
	fb Antak	2	7 days						
	fb Antak +SS	2+.66	14 days						
5	SP	2.4	Pretop	3-nozzle	286 a	395 a	1488 c	405 b	2574 b

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Trt	Treatment	Rate (gal/A)	Timing	Method	Quality Grade Index (1-100)
1	SP fb SP fb PP fb PP + SS	2 2.5 2.5 2.5 +.66	Pretop At top 7 days 14days	3-nozzle	51.4 a
2	SP fb SP fb PP fb PP + SS	2.4 3 2.5 2.5+.66	Pretop At top 7 days 14 days	3-nozzle	53.0 a
3	SP fb SP fb Antak fb Antak +SS	2 2.5 2 2+.66	Pretop At top 7 days 14 days	3-nozzle	52.5 a
4	SP fb SP fb Antak fb Antak +SS	2.4 3 2 2+.66	Pretop At top 7 days 14 days	3-nozzle	55.1 a
5	SP	2.4	Pretop	3-nozzle	57.9 a