

# 2014 Drexel Burley Sucker Control Trial

## UKREC – Princeton KY

Trt	Treatment	Rate (gal/A)	Stage	Application Method
1	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	3-nozzle
2	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	Broadcast
3	Sucker Plucker (SP) – (check)	2.5	Elongated Bud (EB)	Drop line

- NC 7 burley set June 3
  - 40" x 24" = 6534 plants/acre
- 3-nozzle directed applications made with all TG5's at 50 gal/A
- Broadcast applications made with all TG 6's at 60 gal/A
- Elongated bud applied Aug 5
- At top applied August 15
- 5-7 day applied August 21
- 7-14 day applied August 29
- Data collected September 9
- Harvested September 12

### \*Abbreviations:

EB = Elongated bud  
 AT = At topping  
 SP = Sucker Plucker

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## UKREC – Princeton KY – Sucker Control

Trt	Treatment	Rate (gal/A)	Stage	Applic Method	% Sucker Control	Sucker Wt (lbs/10 plants)
1	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	3-nozzle	95.5 a	0.6 b
2	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	Broadcast	93.3 a	0.4 b
3	Sucker Plucker (SP) - check	2.5	Elongated Bud (EB)	Drop line	8 b	13.2 a

# 2014 Drexel Burley Sucker Control Trial

## UKREC – Princeton KY – Yield

Trt	Treatment	Rate (gal/A)	Stage	Applic Method	Flying (lbs/A)	Cutter (lbs/A)	Leaf (lbs/A)	Tips (lbs/A)	Total (lbs/A)
1	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	3-nozzle	209 a	410 a	1349 a	339 a	2306 a
2	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	Broadcast	191 a	381 a	1205 a	328 a	2105 a
3	Sucker Plucker (SP) - check	2.5	Elongated Bud (EB)	Drop line	209 a	424 a	1147 a	305 a	2084 a

# 2014 Drexel Burley Sucker Control Trial

## UKREC – Princeton KY – Quality Grade Index

Trt	Treatment	Rate (gal/A)	Stage	Applic Method	Quality Grade Index (0-100)
1	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	3-nozzle	77.1 a
2	SP fb SP fb PluckerPlus fb PluckerPlus+Sucker Stuff	2.5 fb 2.5 fb 2.5 fb 2.5+0.66	EB fb AT fb 5-7 d fb 7-14 d	Broadcast	76.3 a
3	Sucker Plucker (SP) - check	2.5	Elongated Bud (EB)	Drop line	74.1 a