

# University of Georgia

## BayerCropsScience Harvest Aid Performance Evaluation-2004

Trial ID: Bayer Defoliation

Study Dir.: Herb Young

Location: Ponder Farm

Investigator: Craig Bednarz

Part Rated				DEFOL	DESSIC	OPEN	DEFOL	DESSIC	
Rating Data Type				DEFOL	DESSIC	OPEN	DEFOL	DESSIC	
Rating Unit				%	%	%	%	%	
Rating Date				30/Sep/2004	30/Sep/2004	30/Sep/2004	7/Oct/2004	7/Oct/2004	
Target Stage				7 DATE	7 DATE	7 DATE	14 DATE	14 DATE	
Trt-Eval Interval				7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	
Trt	Treatment	Product	Product	Grow					
No.	Name	Rate	Rate Unit	Stg	1	2	3	4	
1	FINISH	24 fl oz/a		55% Open	90.0 a	3.8 a	92.5 a	91.5 a	0.0 a
	GINSTAR	6 fl oz/a		55% Open					
2	COTTONQUIK	56 fl oz/a		55% Open	88.8 a	3.8 a	92.5 a	91.3 a	0.0 a
	GINSTAR	6 fl oz/a		55% Open					
3	FINISH	32 fl oz/a		55% Open	87.5 a	3.8 a	95.0 a	88.5 a	0.0 a
4	FINISH	24 fl oz/a		55% Open	88.8 a	1.3 a	92.5 a	88.3 a	0.0 a
	DEF	4 fl oz/a		55% Open					
	DROPP	1.6 fl oz/a		55% Open					
LSD (P=.05)					3.77	3.53	3.53	5.91	0.00
Standard Deviation					2.36	2.20	2.20	3.69	0.00
CV					2.66	70.55	2.37	4.11	0.0
Grand Mean					88.75	3.13	93.13	89.88	0.0
Bartlett's X2					0.079	0.0	0.0	1.406	0.0
P(Bartlett's X2)					0.961	1.00	0.001*	0.704	.
Replicate F					0.750	2.143	2.143	0.605	0.000
Replicate Prob(F)					0.5493	0.1649	0.1649	0.6282	1.0000
Treatment F					0.750	1.286	1.286	0.886	0.000
Treatment Prob(F)					0.5493	0.3373	0.3373	0.4844	1.0000

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Part Rated					OPEN	PERFM	BREG	TREG
Rating Data Type					OPEN	PERFM	BREG	TREG
Rating Unit					%	%	%	%
Rating Date					7/Oct/2004	7/Oct/2004	15/Oct/2004	15/Oct/2004
Target Stage					14 DATE	14 DATE	21 DATE	21 DATE
Trt-Eval Interval					14 DA-A	14 DA-A	22 DA-A	22 DA-A
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	6	7	8	9
1	FINISH GINSTAR	24 fl oz/a 6 fl oz/a		55% Open 55% Open	100.0 a	91.5 a	17.5 a	1.3 a
2	COTTONQUIK GINSTAR	56 fl oz/a 6 fl oz/a		55% Open 55% Open	100.0 a	91.3 a	17.5 a	1.3 a
3	FINISH	32 fl oz/a		55% Open	100.0 a	88.5 a	21.3 a	3.8 a
4	FINISH DEF DROPP	24 fl oz/a 4 fl oz/a 1.6 fl oz/a		55% Open 55% Open 55% Open	100.0 a	88.3 a	21.3 a	5.0 a
LSD (P=.05)					0.00	5.91	11.39	5.03
Standard Deviation					0.00	3.69	7.12	3.15
CV					0.0	4.11	36.75	111.85
Grand Mean					100.0	89.88	19.38	2.81
Bartlett's X2					0.0	1.406	0.534	1.12
P(Bartlett's X2)					.	0.704	0.911	0.772
Replicate F					0.000	0.605	0.205	0.579
Replicate Prob(F)					1.0000	0.6282	0.8901	0.6434
Treatment F					0.000	0.886	0.370	1.421
Treatment Prob(F)					1.0000	0.4844	0.7767	0.2995

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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Trial ID: Bayer Defoliation  
Location: Ponder Farm

Study Dir.: Herb Young  
Investigator: Craig Bednarz

### APPLICATION DESCRIPTION

	A
Application Date:	23/Sep/2004
Time of Day:	7:55 AM
Application Method:	SPIDER
Application Timing:	60% OB
Applic. Placement:	BROFOL
Air Temp., Unit:	68 F
% Relative Humidity:	85
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	Y
% Cloud Cover:	0

### APPLICATION EQUIPMENT

	A
Appl. Equipment:	SPIDER
Operating Pressure:	60 PSI
Nozzle Type:	H-CONE
Nozzle Size:	TX-8
Nozzle Spacing, Unit:	18 IN
Nozzles/Row:	2
Boom Length, Unit:	12 FT
Ground Speed, Unit:	5 MPH
Carrier:	WATER