

University of Georgia

DuPont HARVEST AID EVALUATION-2004

Trial ID: US_901_04_01

Study Dir.: Glenn Hammes

Location: PONDER FARM

Investigator: Craig Bednarz

Part Rated				DEFOL	OPEN	DEFOL	OPEN	PERFM	
Rating Unit				%	%	%	%	%	
Rating Date				30/Sep/2004	30/Sep/2004	7/Oct/2004	7/Oct/2004	7/Oct/2004	
Target Stage				7 DATE	7 DATE	14 DATE	14 DATE	14 DATE	
Trt-Eval Interval				7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	1	2	3	4	5
1	COTTONQUICK FOLEX	64 6	fl oz/a fl oz/a	60% Open 60% Open	87.5 a	91.3 a	92.0 a	100.0 a	82.5 a
2	COTTONQUICK FREEFALL	64 0.075	fl oz/a lb/a	60% Open 60% Open	83.8 a	90.0 a	90.0 a	100.0 a	80.0 a
3	FINISH DEF 6	21 6	fl oz/a fl oz/a	60% Open 60% Open	92.5 a	92.5 a	93.3 a	100.0 a	83.8 a
4	FINISH DROPP	21 0.075	fl oz/a lb/a	60% Open 60% Open	88.8 a	90.0 a	92.5 a	100.0 a	82.5 a
5	DEF 6 PREP DROPP	6 24 0.1	fl oz/a fl oz/a lb/a	60% Open 60% Open 60% Open	88.8 a	91.3 a	93.8 a	100.0 a	83.8 a
6	DPX-J3775-006 FOLEX	64 6	fl oz/a fl oz/a	60% Open 60% Open	90.0 a	92.5 a	91.3 a	100.0 a	80.0 a
7	COTTONQUICK GINSTAR	56 6	fl oz/a fl oz/a	60% Open 60% Open	86.3 a	87.5 ab	94.5 a	100.0 a	85.0 a
8	COTTONQUICK FOLEX COTTONQUICK FREEFALL	13 8 51 0.1	fl oz/a fl oz/a fl oz/a lb/a	60% Open 60% Open 7 DATE 7 DATE	83.8 a	86.3 ab	95.8 a	100.0 a	86.3 a
9	FINISH GINSTAR	21 6	fl oz/a fl oz/a	60% Open 60% Open	88.8 a	92.5 a	95.8 a	100.0 a	86.3 a
10	UNTD				71.3 b	82.5 b	77.5 b	93.8 b	67.5 b
	LSD (P=.05)				7.28	4.63	4.85	2.20	5.13
	Standard Deviation				5.02	3.19	3.34	1.51	3.54
	CV				5.82	3.56	3.64	1.52	4.32
	Grand Mean				86.13	89.63	91.63	99.38	81.75
	Bartlett's X2				10.613	3.329	8.883	0.0	5.448
	P(Bartlett's X2)				0.303	0.95	0.448	.	0.709
	Replicate F				2.012	5.146	2.322	1.000	3.000
	Replicate Prob(F)				0.1360	0.0061	0.0976	0.4079	0.0480
	Treatment F				5.489	4.244	10.070	6.818	9.578
	Treatment Prob(F)				0.0003	0.0016	0.0001	0.0001	0.0001

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					BREG	TREG
Rating Unit					%	%
Rating Date					15/Oct/2004	15/Oct/2004
Target Stage					22 DATE	22 DATE
Trt-Eval Interval					22 DA-A	22 DA-A
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	6	7
1	COTTONQUICK FOLEX	64 6	fl oz/a fl oz/a	60% Open 60% Open	18.8 a	7.5 b
2	COTTONQUICK FREEFALL	64 0.075	fl oz/a lb/a	60% Open 60% Open	17.5 a	7.5 b
3	FINISH DEF 6	21 6	fl oz/a fl oz/a	60% Open 60% Open	15.0 ab	5.0 b
4	FINISH DROPP	21 0.075	fl oz/a lb/a	60% Open 60% Open	12.5 ab	4.5 b
5	DEF 6 PREP DROPP	6 24 0.1	fl oz/a fl oz/a lb/a	60% Open 60% Open 60% Open	10.8 ab	4.5 b
6	DPX-J3775-006 FOLEX	64 6	fl oz/a fl oz/a	60% Open 60% Open	15.0 ab	6.3 b
7	COTTONQUICK GINSTAR	56 6	fl oz/a fl oz/a	60% Open 60% Open	11.3 ab	2.0 b
8	COTTONQUICK FOLEX COTTONQUICK FREEFALL	13 8 51 0.1	fl oz/a fl oz/a fl oz/a lb/a	60% Open 60% Open 7 DATE 7 DATE	5.3 b	0.0 b
9	FINISH GINSTAR	21 6	fl oz/a fl oz/a	60% Open 60% Open	9.5 ab	2.8 b
10	UNTD				20.0 a	13.8 a
LSD (P=.05)					6.69	4.77
Standard Deviation					4.61	3.29
CV					34.02	61.14
Grand Mean					13.55	5.38
Bartlett's X2					18.507	15.559
P(Bartlett's X2)					0.03*	0.029*
Replicate F					3.232	1.009
Replicate Prob(F)					0.0379	0.4042
Treatment F					3.930	5.300
Treatment Prob(F)					0.0027	0.0003

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

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APPLICATION DESCRIPTION

	A	B
Application Date:	23/Sep/2004	4/Oct/2004
Time of Day:	8:00 AM	9:00 AM
Application Timing:	60% OB	7 DATE
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	68 F	71 F
% Relative Humidity:	85	76
Wind Velocity, Unit:	0 MPH	0 MPH
Dew Presence (Y/N):	Y	Y
% Cloud Cover:	0	0

APPLICATION EQUIPMENT

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