

University of Georgia

LOVELAND HARVEST AID PERFORMANCE EVALUATION-2004

Trial ID:

Study Dir.: SAM WILSON

Location: PONDER FARM

Investigator: Craig Bednarz

Part Rated					OPEN	DEFOL	OPEN	DEFOL	PERFM
Rating Unit					%	%	%	%	%
Rating Date					17/Sep/2004	17/Sep/2004	24/Sep/2004	24/Sep/2004	24/Sep/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	ethephon	21 fl oz/a		55% Open	88.8 a	88.3 a	99.0 a	93.8 ab	93.8 a
	thidiazuron	0.1 lb/a		55% Open					
	Harvade	8 fl oz/a		55% Open					
	LI-700	0.25 % v/v		55% Open					
2	ethephon	21 fl oz/a		55% Open	88.0 a	89.0 a	98.3 a	95.5 a	95.3 a
	thidiazuron	0.1 lb/a		55% Open					
	Harvade	8 fl oz/a		55% Open					
	HERBIMAX	1 % v/v		55% Open					
3	ethephon	21 fl oz/a		55% Open	88.5 a	87.3 a	98.3 a	91.0 b	91.0 b
	thidiazuron	0.1 lb/a		55% Open					
	Harvade	8 fl oz/a		55% Open					
LSD (P=.05)					3.38	3.90	3.30	2.84	2.53
Standard Deviation					1.95	2.25	1.91	1.64	1.46
CV					2.21	2.56	1.94	1.76	1.57
Grand Mean					88.42	88.17	98.5	93.42	93.33
Bartlett's X2					3.569	2.761	1.411	1.702	4.496
P(Bartlett's X2)					0.168	0.252	0.494	0.427	0.106
Replicate F					3.234	2.295	1.252	0.443	0.727
Replicate Prob(F)					0.1030	0.1778	0.3714	0.7307	0.5720
Treatment F					0.153	0.607	0.206	7.639	8.688
Treatment Prob(F)					0.8611	0.5756	0.8193	0.0224	0.0169

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					TRGRW	BRGRW
Rating Unit					%	%
Rating Date					1/Oct/2004	1/Oct/2004
Target Stage					21 DATE	21 DATE
Trt-Eval Interval					21 DA-A	21 DA-A
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	6	7
1	ethephon	21 fl oz/a		55% Open	10.0 a	16.3 a
	thidiazuron	0.1 lb/a		55% Open		
	Harvade	8 fl oz/a		55% Open		
	LI-700	0.25 % v/v		55% Open		
2	ethephon	21 fl oz/a		55% Open	8.8 a	12.5 a
	thidiazuran	0.1 lb/a		55% Open		
	Harvade	8 fl oz/a		55% Open		
	HERBIMAX	1 % v/v		55% Open		
3	ethephon	21 fl oz/a		55% Open	7.5 a	16.3 a
	thidiazuron	0.1 lb/a		55% Open		
	Harvade	8 fl oz/a		55% Open		
LSD (P=.05)					5.20	6.29
Standard Deviation					3.00	3.63
CV					34.34	24.22
Grand Mean					8.75	15.0
Bartlett's X2					0.721	1.357
P(Bartlett's X2)					0.697	0.507
Replicate F					1.462	2.105
Replicate Prob(F)					0.3161	0.2010
Treatment F					0.692	1.421
Treatment Prob(F)					0.5364	0.3125

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

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APPLICATION DESCRIPTION

	A
Application Date:	10/Sep/2004
Time of Day:	10:00 AM
Application Method:	SPIDER
Application Timing:	60% OB
Applic. Placement:	BROFOL
Air Temp., Unit:	71 F
% Relative Humidity:	85
Wind Velocity, Unit:	1 MPH
Dew Presence (Y/N):	Y
Soil Moisture:	GOOD
% Cloud Cover:	40

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:	CO2