

University of Georgia

UNIROYAL HARVEST AID PERFORMANCE EVALUATION-2004

Trial ID: BLIZZARD SEQUENTIAL

Study Dir.: KEITH GRIFFITH

Location: PONDER FARM

Investigator: Craig Bednarz

Part Rated				DEFOL	DESSIC	OPEN	DEFOL	DESSIC	OPEN	
Rating Unit				%	%	%	%	%	%	
Rating Date				30/Sep/2004	30/Sep/2004	30/Sep/2004	7/Oct/2004	7/Oct/2004	7/Oct/2004	
Target Stage				7 DATE	7 DATE	7 DATE	14 DATE	14 DATE	14 DATE	
Trt-Eval Interval				7 DA-A	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	6
1	BLIZZARD	0.6	fl oz/a	60% Open	91.3 a	0.0 a	93.3 a	97.3 a	1.3 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	BLIZZARD	0.5	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
2	BLIZZARD	0.5	fl oz/a	60% Open	86.3 a	0.0 a	88.8 a	94.0 ab	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	BLIZZARD	0.5	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
3	BLIZZARD	0.4	fl oz/a	60% Open	91.3 a	0.0 a	93.8 a	96.0 ab	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	BLIZZARD	0.5	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
4	BLIZZARD	0.5	fl oz/a	60% Open	91.3 a	0.0 a	93.8 a	96.5 ab	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	BLIZZARD	0.4	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
5	Harvade	8	fl oz/a	60% Open	87.5 a	0.0 a	92.5 a	94.3 ab	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	BLIZZARD	0.5	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
6	ET	1.5	fl oz/a	60% Open	85.0 a	0.0 a	88.8 a	93.0 b	1.3 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	ET	1.5	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
7	AIM	1	fl oz/a	60% Open	86.3 a	0.0 a	90.0 a	96.0 ab	1.3 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
	AIM	1	fl oz/a	7 DATE						
	COC	1	% v/v	7 DATE						
8	UNTD				65.0 b	0.0 a	75.0 b	72.5 c	2.5 a	90.0 b
	LSD (P=.05)				6.70	0.00	6.47	2.63	2.22	0.00
	Standard Deviation				4.55	0.00	4.40	1.79	1.51	0.00
	CV				5.33	0.0	4.91	1.94	192.82	0.0
	Grand Mean				85.47	0.0	89.47	92.44	0.78	98.75
	Bartlett's X2				12.243	0.0	12.809	2.357	0.093	0.0
	P(Bartlett's X2)				0.093	.	0.077	0.884	0.993	.
	Replicate F				6.171	0.000	2.774	6.455	4.934	0.000
	Replicate Prob(F)				0.0036	1.0000	0.0667	0.0029	0.0095	1.0000
	Treatment F				14.472	0.000	8.006	83.460	1.525	0.000
	Treatment Prob(F)				0.0001	1.0000	0.0001	0.0001	0.2131	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					PERFM	BRGRW	TRGRW
Rating Unit					%	%	%
Rating Date					7/Oct/2004	15/Oct/2004	15/Oct/2004
Target Stage					14 DATE	22 DATE	22 DATE
Trt-Eval Interval					14 DA-A	22 DA-A	22 DA-A
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	7	8	9
1	BLIZZARD	0.6	fl oz/a	60% Open	97.3 a	9.5 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	BLIZZARD	0.5	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
2	BLIZZARD	0.5	fl oz/a	60% Open	94.0 ab	9.8 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	BLIZZARD	0.5	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
3	BLIZZARD	0.4	fl oz/a	60% Open	96.0 ab	8.3 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	BLIZZARD	0.5	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
4	BLIZZARD	0.5	fl oz/a	60% Open	96.5 ab	8.5 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	BLIZZARD	0.4	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
5	Harvade	8	fl oz/a	60% Open	94.3 ab	8.3 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	BLIZZARD	0.5	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
6	ET	1.5	fl oz/a	60% Open	92.3 b	11.3 b	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	ET	1.5	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
7	AIM	1	fl oz/a	60% Open	95.3 ab	6.5 c	0.0 b
	ethephon	21	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
	AIM	1	fl oz/a	7 DATE			
	COC	1	% v/v	7 DATE			
8	UNTD				70.0 c	17.5 a	10.0 a
LSD (P=.05)					2.96	2.94	2.12
Standard Deviation					2.01	2.00	1.44
CV					2.19	20.11	115.47
Grand Mean					91.94	9.94	1.25
Bartlett's X2					4.513	8.498	0.0
P(Bartlett's X2)					0.608	0.291	.
Replicate F					4.216	7.772	1.000
Replicate Prob(F)					0.0175	0.0011	0.4123
Treatment F					80.231	11.262	24.000
Treatment Prob(F)					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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Location: PONDER FARM

Study Dir.: KEITH GRIFFITH
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APPLICATION DESCRIPTION

	A	B
Application Date:	23/Sep/2004	4/Oct/2004
Time of Day:	8:25 AM	9:05 AM
Application Timing:	60% OB	7 DATE
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	68 F	71 F
% Relative Humidity:	85	71
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