

# University of Georgia

## UNIROYAL HARVEST AID PERFORMANCE EVALUATION-2004

Trial ID: BLIZZARD 3-WAY

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	88.8 a	3.8 a	92.5 a	92.3 a	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
2	BLIZZARD	0.5	fl oz/a	60% Open	87.5 a	5.0 a	90.0 a	87.8 a	1.3 a	98.8 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
3	BLIZZARD	0.4	fl oz/a	60% Open	91.3 a	5.0 a	93.8 a	90.8 a	1.3 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
4	ET	1.5	fl oz/a	60% Open	87.5 a	5.0 a	91.3 a	91.5 a	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
5	AIM	1	fl oz/a	60% Open	88.8 a	2.5 a	91.3 a	91.0 a	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
6	BLIZZARD	0.5	fl oz/a	60% Open	90.0 a	5.0 a	92.5 a	88.8 a	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	HARVADE	8	fl oz/a	60% Open						
	COC	1	% v/v	60% Open						
7	HARVADE	8	fl oz/a	60% Open	87.5 a	6.3 a	88.8 a	92.3 a	0.0 a	100.0 a
	ethephon	21	fl oz/a	60% Open						
	thidiazuron	0.1	lb/a	60% Open						
	COC	1	% v/v	60% Open						
8	UNTD				70.0 b	7.5 a	76.3 b	75.0 b	1.3 a	90.0 b
	LSD (P=.05)				5.42	3.50	4.06	3.81	1.90	1.30
	Standard Deviation				3.68	2.38	2.76	2.59	1.29	0.88
	CV				4.26	47.56	3.08	2.92	276.03	0.9
	Grand Mean				86.41	5.0	89.53	88.66	0.47	98.59
	Bartlett's X2				6.368	1.795	2.782	4.869	0.0	0.0
	P(Bartlett's X2)				0.383	0.877	0.904	0.676	0.001*	.
	Replicate F				2.359	7.000	3.654	0.390	4.200	1.000
	Replicate Prob(F)				0.1006	0.0019	0.0290	0.7616	0.0178	0.4123
	Treatment F				13.471	1.579	16.376	19.683	1.000	62.714
	Treatment Prob(F)				0.0001	0.1963	0.0001	0.0001	0.4586	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.

# University of Georgia

Part Rated					PERFM	BREG	TREG
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	92.3 a	15.0 bc	1.3 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
2	BLIZZARD	0.5	fl oz/a	60% Open	87.3 a	21.3 b	3.8 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
3	BLIZZARD	0.4	fl oz/a	60% Open	90.8 a	16.3 bc	0.0 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
4	ET	1.5	fl oz/a	60% Open	91.5 a	13.8 c	2.5 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
5	AIM	1	fl oz/a	60% Open	91.0 a	17.5 bc	1.3 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
6	BLIZZARD	0.5	fl oz/a	60% Open	88.8 a	17.5 bc	2.5 b
	ethephon	21	fl oz/a	60% Open			
	HARVADE	8	fl oz/a	60% Open			
	COC	1	% v/v	60% Open			
7	HARVADE	8	fl oz/a	60% Open	92.3 a	15.0 bc	2.5 b
	ethephon	21	fl oz/a	60% Open			
	thidiazuron	0.1	lb/a	60% Open			
	COC	1	% v/v	60% Open			
8	UNTD				73.5 b	27.5 a	13.8 a
LSD (P=.05)					3.77	4.79	4.50
Standard Deviation					2.56	3.26	3.06
CV					2.9	18.12	89.07
Grand Mean					88.41	17.97	3.44
Bartlett's X2					3.548	5.266	2.153
P(Bartlett's X2)					0.83	0.628	0.905
Replicate F					0.398	8.130	0.111
Replicate Prob(F)					0.7557	0.0009	0.9526
Treatment F					23.929	7.568	7.952
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.

# University of Georgia

## UNIROYAL HARVEST AID PERFORMANCE EVALUATION-2004

Trial ID: BLIZZARD 3-WAY  
Location: PONDER FARM

Study Dir.: KEITH GRIFFITH  
Investigator: Craig Bednarz

### APPLICATION DESCRIPTION

	<b>A</b>
Application Date:	23/Sep/2004
Time of Day:	8:00 AM
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

	<b>A</b>
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