

# University of Georgia

## UNIROYAL HARVEST AID PERFORMANCE EVALUATION-2004

Trial ID: A1699 BOLL OPENER

Study Dir.: KEITH GRIFFITH

Location: PONDER

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	A1699	0.17	lb/a	60% Open	67.5 c	7.5 a	72.5 b	70.0 b	5.0 a	88.8 b
2	A1699	0.27	lb/a	60% Open	67.5 c	7.5 a	72.5 b	70.0 b	5.0 a	88.8 b
3	ethephon	21	fl oz/a	60% Open	81.3 a	0.0 b	91.3 a	85.0 a	0.0 b	98.8 a
4	UNTD				71.3 b	7.5 a	75.0 b	72.5 b	5.0 a	90.0 b
LSD (P=.05)					2.98	3.53	4.27	8.32	0.00	2.00
Standard Deviation					1.86	2.20	2.67	5.20	0.00	1.25
CV					2.59	39.2	3.43	7.0	0.0	1.37
Grand Mean					71.88	5.63	77.81	74.38	3.75	91.56
Bartlett's X2					0.112	0.0	1.025	5.026	0.0	0.0
P(Bartlett's X2)					0.99	0.001*	0.599	0.17	.	0.001*
Replicate F					5.400	2.143	2.561	4.692	0.000	9.000
Replicate Prob(F)					0.0211	0.1649	0.1200	0.0308	1.0000	0.0045
Treatment F					48.600	11.571	45.878	7.615	0.000	59.667
Treatment Prob(F)					0.0001	0.0019	0.0001	0.0077	1.0000	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					PERFM
Rating Unit					%
Rating Date					7/Oct/2004
Target Stage					14 DATE
Trt-Eval Interval					14 DA-A
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	
1	A1699	0.17	lb/a	60% Open	70.0 b
2	A1699	0.27	lb/a	60% Open	70.0 b
3	ethephon	21	fl oz/a	60% Open	88.8 a
4	UNTD				72.5 b
LSD (P=.05)					6.83
Standard Deviation					4.27
CV					5.67
Grand Mean					75.31
Bartlett's X2					6.061
P(Bartlett's X2)					0.109
Replicate F					3.286
Replicate Prob(F)					0.0723
Treatment F					17.914
Treatment Prob(F)					0.0004

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### APPLICATION DESCRIPTION

	A
Application Date:	23/Sep/2004
Time of Day:	8:40 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

	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