

# University of Georgia

## VALENT HARVEST AID EVALUATION-2004

Trial ID: RESOURCE  
Location: PONDER FARM

Study Dir.: John Altom  
Investigator: Craig Bednarz

Part Rated				DEFOL	DESSIC	OPEN	DEFOL	DESSIC	
Rating Unit				%	%	%	%	%	
Rating Date				30/Sep/2004	30/Sep/2004	30/Sep/2004	7/Oct/2004	7/Oct/2004	
Target Stage				7 DATE	7 DATE	7 DATE	14 DATE	14DATE	
Trt-Eval Interval				7 DA-A	7 DA-A	7 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	RESOURCE	4 fl oz/a		60% Open	85.0 a	0.0 a	87.5 a	86.3 b	0.0 a
	ethephon	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
2	RESOURCE	4 fl oz/a		60% Open	88.8 a	0.0 a	92.5 a	85.0 b	0.0 a
	FINISH	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
3	RESOURCE	4 fl oz/a		60% Open	93.8 a	0.0 a	93.8 a	91.3 b	0.0 a
	COTTONQUICK	64 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
4	RESOURCE	6 fl oz/a		60% Open	87.5 a	0.0 a	90.0 a	87.5 b	0.0 a
	ethephon	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
5	RESOURCE	6 fl oz/a		60% Open	85.0 a	0.0 a	88.8 a	86.3 b	0.0 a
	FINISH	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
6	RESOURCE	6 fl oz/a		60% Open	92.5 a	0.0 a	92.5 a	88.8 b	0.0 a
	COTTONQUICK	64 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
7	RESOURCE	8 fl oz/a		60% Open	90.0 a	0.0 a	93.8 a	88.8 b	0.0 a
	ethephon	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
8	RESOURCE	4 fl oz/a		60% Open	86.3 a	0.0 a	90.0 a	95.8 a	0.0 a
	ethephon	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
	RESOURCE	4 fl oz/a		7 DATE					
	COC	16 fl oz/a		7 DATE					
9	RESOURCE	6 fl oz/a		60% Open	88.8 a	0.0 a	90.0 a	98.0 a	0.0 a
	ethephon	21 fl oz/a		60% Open					
	COC	16 fl oz/a		60% Open					
	RESOURCE	4 fl oz/a		7 DATE					
	COC	16 fl oz/a		7 DATE					
LSD (P=.05)					6.12	0.00	5.31	4.02	0.00
Standard Deviation					4.19	0.00	3.64	2.76	0.00
CV					4.73	0.0	4.0	3.07	0.0
Grand Mean					88.61	0.0	90.97	89.72	0.0
Bartlett's X2					2.898	0.0	3.088	3.675	0.0
P(Bartlett's X2)					0.941	.	0.929	0.816	.
Replicate F					4.789	0.000	2.847	12.343	0.000
Replicate Prob(F)					0.0094	1.0000	0.0588	0.0001	1.0000
Treatment F					2.171	0.000	1.507	10.562	0.000
Treatment Prob(F)					0.0679	1.0000	0.2070	0.0001	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				OPEN	PERFM	BRGW	TRGW	
Rating Unit				%	%	%	%	
Rating Date				7/Oct/2004	7/Oct/2004	15/Oct/2004	15/Oct/2004	
Target Stage				14 DATE	14 DATE	22 DATE	22 DATE	
Trt-Eval Interval				14 DA-A	14 DA-A	22 DA-A	22 DA-A	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	6	7	8	9
1	RESOURCE ethephon COC	4 fl oz/a 21 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	86.3 b	17.5 ab	7.5 a
2	RESOURCE FINISH COC	4 fl oz/a 21 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	85.0 b	20.0 a	4.8 ab
3	RESOURCE COTTONQUICK COC	4 fl oz/a 64 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	91.3 b	13.8 b	3.5 ab
4	RESOURCE ethephon COC	6 fl oz/a 21 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	87.5 b	17.5 ab	4.0 ab
5	RESOURCE FINISH COC	6 fl oz/a 21 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	86.3 b	18.8 ab	4.5 ab
6	RESOURCE COTTONQUICK COC	6 fl oz/a 64 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	88.8 b	15.0 ab	4.0 ab
7	RESOURCE ethephon COC	8 fl oz/a 21 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open		100.0 a	88.8 b	15.0 ab	3.5 ab
8	RESOURCE ethephon COC RESOURCE COC	4 fl oz/a 21 fl oz/a 16 fl oz/a 4 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open 7 DATE 7 DATE		100.0 a	95.8 a	7.3 c	1.3 b
9	RESOURCE ethephon COC RESOURCE COC	6 fl oz/a 21 fl oz/a 16 fl oz/a 4 fl oz/a 16 fl oz/a	60% Open 60% Open 60% Open 7 DATE 7 DATE		100.0 a	98.0 a	7.3 c	0.8 b
LSD (P=.05)					0.00	4.02	3.74	3.17
Standard Deviation					0.00	2.76	2.56	2.17
CV					0.0	3.07	17.45	57.93
Grand Mean					100.0	89.72	14.67	3.75
Bartlett's X2					0.0	3.675	5.052	12.904
P(Bartlett's X2)					.	0.816	0.654	0.115
Replicate F					0.000	12.343	2.228	1.481
Replicate Prob(F)					1.0000	0.0001	0.1109	0.2448
Treatment F					0.000	10.562	13.147	3.297
Treatment Prob(F)					1.0000	0.0001	0.0001	0.0111

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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Trial ID: RESOURCE  
Location: PONDER FARM

Study Dir.: John Altom  
Investigator: Craig Bednarz

### APPLICATION DESCRIPTION

	A	B
Application Date:	23/Sep/2004	4/Oct/2004
Time of Day:	8:55	9:00 AM
Application Timing:	60% OB	7 DATE
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	69 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