

University of Georgia

WEED CONTROL IN LL SOYBEANS WITH CHEETAH MAX
AND OTHER GLUFOSINATE FORMULATIONS

Trial ID: SB-08-15 Study Dir.: BOB BRUSS/CLAY OWEN
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .78211)

Trt No.	Treatment Name	Form Form		Rate	Grow Stg	Appl Code	Amt Product to Measure	Rep			
		Conc	Type					Rate Unit	1	2	3
1	NTC							101	202	307	408
2	CHEETAH MAX	3	SL	32.0 oz/a	POST1	A	25.0 ml/mx	102	212	311	402
3	CHEETAH	2.34	SL	29.0 oz/a	POST1	A	22.65 ml/mx	103	204	303	410
4	CHEETAH MAX	3	SL	32.0 oz/a	POST2	B	25.0 ml/mx	104	208	310	407
5	CHEETAH	2.34	SL	29.0 oz/a	POST2	B	22.65 ml/mx	105	210	308	404
6	CHEETAH MAX	3	SL	32.0 oz/a	POST2	B	25.0 ml/mx	106	211	309	411
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2	B	12.5 ml/mx				
7	CHEETAH	2.34	SL	29.0 oz/a	POST2	B	22.65 ml/mx	107	209	305	403
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2	B	12.5 ml/mx				
8	CHEETAH	2.34	SL	29.0 oz/a	POST2	B	22.65 ml/mx	108	201	304	406
	DUAL MAGNUM	7.62	EC	21.0 oz/a	POST2	B	16.4 ml/mx				
9	CHEETAH MAX	3	SL	32.0 oz/a	POST3	C	25.0 ml/mx	109	206	312	401
10	CHEETAH	2.34	SL	29.0 oz/a	POST3	C	22.65 ml/mx	110	205	301	409
11	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	12.5 ml/mx	111	207	302	412
	LIBERTY	2.34	SL	29.0 oz/a	POST2	B	22.65 ml/mx				
	WARRANT	3	ME	48.0 oz/a	POST2	B	37.5 ml/mx				
12	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	12.5 ml/mx	112	203	306	405
	INTERLINE	2.34	SL	29.0 oz/a	POST2	B	22.65 ml/mx				
	WARRANT	3	ME	48.0 oz/a	POST2	B	37.5 ml/mx				

Sort Order: Treatment

Trial Comments

POST1 = 6:30 am
POST2 = 9 AM
POST 3 = 7:30 pm

CHEETAH = GLUFOSINATE (NUFARM)
CHEETAH MAX = GLUFOSINATE (2 LB/GAL) + FOMESAFEN (1 LB/GAL) - NUFARM
INTERLINE = GLUFOSINATE (UPI)
LIBERTY = GLUFOSINATE (BAYER)

SELECT MAX @ 16 OZ/A + ADEPT @ 0.25% V/V - MAY 14, 2014

MAY 26, 2015: SUNRISE = 6:31 AM, SUNSET = 8:29 PM

LIGHT RAIN OCCURRED BEFORE POST3 TREATMENTS BUT WAS NOT RAINY DURING APPLICATION.

0.76" RAINFALL OCCURRED SOMETIME AFTER THE POST3 APPLICATION (>1 HOUR).

SUMMARY:

1) ON JUNE 11 (16 DAT), THE FOLLOWING OBSERVATIONS ABOUT PALMER AMARANTH CONTROL WERE MADE:

A) TIME OF APPLICATION HAD NO EFFECT ON THE CONTROL OF PALMER AMARANTH WITH CHEETAH MAX.

B) TIME OF APPLICATION DID EFFECT THE CONTROL OF PALMER AMARANTH WITH CHEETAH. CONTROL WITH CHEETAH WAS LOWER WHEN APPLIED AT 7:30 PM.

2) GENERALLY, PALMER AMARANTH CONTROL WAS LESS THAN DESIRABLE WITH ALL POST TREATMENTS. THIS COULD HAVE BEEN DUE TO SEVERAL FACTORS INCLUDING PALMER STAGE OF GROWTH AT APPLICATION, THE USE OF AIXR NOZZLE TIPS, TIME OF DAY, AND INCLEMENT WEATHER THE DAY OF APPLICATION.

3) WHEN DUAL MAGNUM WAS USED PRE, PALMER CONTROL ON JUNE 11 WAS > 95%.

4) NO DIFFERENCE IN PALMER AMARANTH CONTROL WAS OBSERVED BETWEEN LIBERTY PROGRAM AND INTERLINE PROGRAM.

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 Trial ID: SB-08-15 Study Dir.: BOB BRUSS/CLAY OWEN
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BOB BRUSS/CLAY OWEN **Title:** _____
Affiliation: _____ **Postal Code:** _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALEMAR AMARANTH **2.** MOLVE CARPETWEED
Weed 3. AGRASS TEXAS PANICUM + CRABGRASS **4.** _____

Crop 1: GLYMA SOYBEAN **Variety:** BAYER CZ5947LL **Planting Date:** May-6-15
Planting Method: MONOSEM **Rate:** 121968 SEED/A **Depth:** 1.5 IN
Perennial Age: _____ **Row Spacing:** 30 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____ **Study Design:** RACOBL
Tillage Type: CONVENTIONAL
Trial Initiation Comments: _____

Previous: Crops Pesticides Year
 1. FIELD CORN 2014 _____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form	Form	Form	Rate	Unit
			Conc	Unit	Type	Rate	Unit
1.	_____	_____	_____	_____	_____	_____	_____

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.58 **% Sand:** 94 **% Silt:** 2 **% Clay:** 4
pH: 6.2 **CEC:** 2.4 **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-8-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-13-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. May-18-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4. May-26-15	_____	0.76	in	RAINFALL	_____	_____
5. May-27-15	_____	0.07	IN	RAINFALL	_____	_____
6. Jun-2-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

Overall Moisture Conditions: _____
Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-7-15	May-26-15	May-26-15	May-26-15	_____	_____
Time of Day:	8:50 AM	6:30 AM	9:00 AM	7:30 PM	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	_____	_____
Application Timing:	PRE	POST1	POST2	POST3	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	FOLIAGE	_____	_____
Air Temp., Unit:	71 F	73 F	82 F	73 F	_____	_____
% Relative Humidity:	70	88	65	87	_____	_____
Wind Velocity, Unit:	0 MPH	3.5 MPH	5 MPH	5 MPH	_____	_____
Dew Presence (Y/N):	N	Y	N	Y	_____	_____
Water Hardness:	---	---	---	---	---	---
Soil Temp., Unit:	70 F	82 F	82 F	85.9 F	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	OPTIMUM	_____	_____
% Cloud Cover:	0	100	100	100	_____	_____

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		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1	Stage: GLYMA	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	V2-V3	V2-V3	V2-V3	_____	_____
	Height, Unit:	_____	5 IN	5 IN	5 IN	_____	_____

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	_____	1-7" TALL	1-7" TALL	1-7" TALL	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: MOLVE	_____	1"	1"	1"	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 3	Stage: AGRASS	_____	2"	2"	2"	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME	_____	SAME	SAME	_____	_____
Operating Pressure:	40	_____	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- GLYMA PLANT - STUNTING	AMAPA ----- CONTROL	MOLVE ----- CONTROL	ANNUAL GRASS CONTROL	----- GLYMA LEAF - BURN	AMAPA ----- CONTROL	MOLVE ----- CONTROL		
						PERCENT May-25-15	PERCENT May-25-15	PERCENT May-25-15	PERCENT May-25-15	PERCENT Jun-3-15	PERCENT Jun-3-15	PERCENT Jun-3-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6	7
1	NTC							0.0 a	0.0 b	0.0 b	0.0 c	0.0 d	0.0 g	0.0 b
2	CHEETAH MAX	3 SL		32.0 oz/a		POST1 A		0.0 a	0.0 b	0.0 b	0.0 c	10.0 b	58.8 c	99.0 a
3	CHEETAH	2.34 SL		29.0 oz/a		POST1 A		0.0 a	0.0 b	0.0 b	0.0 c	0.0 d	66.3 b	99.0 a
4	CHEETAH MAX	3 SL		32.0 oz/a		POST2 B		0.0 a	0.0 b	0.0 b	0.0 c	5.0 c	55.0 cd	99.0 a
5	CHEETAH	2.34 SL		29.0 oz/a		POST2 B		0.0 a	0.0 b	0.0 b	0.0 c	0.0 d	48.8 de	99.0 a
6	CHEETAH MAX	3 SL		32.0 oz/a		POST2 B		0.0 a	0.0 b	0.0 b	0.0 c	11.3 ab	67.5 b	99.0 a
7	CHEETAH	2.34 SL		29.0 oz/a		POST2 B		0.0 a	0.0 b	0.0 b	0.0 c	13.8 a	51.3 cde	99.0 a
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2 B								
8	CHEETAH	2.34 SL		29.0 oz/a		POST2 B		0.0 a	0.0 b	0.0 b	0.0 c	13.8 a	46.3 e	99.0 a
	DUAL MAGNUM	7.62 EC		21.0 oz/a		POST2 B								
9	CHEETAH MAX	3 SL		32.0 oz/a		POST3 C		0.0 a	0.0 b	0.0 b	0.0 c	0.0 d	53.8 cde	99.0 a
10	CHEETAH	2.34 SL		29.0 oz/a		POST3 C		0.0 a	0.0 b	0.0 b	0.0 c	0.0 d	27.5 f	99.0 a
11	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE A		0.0 a	97.0 a	99.0 a	94.5 a	0.0 d	98.0 a	99.0 a
	LIBERTY	2.34 SL		29.0 oz/a		POST2 B								
	WARRANT	3 ME		48.0 oz/a		POST2 B								
12	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE A		0.0 a	96.0 a	99.0 a	83.5 b	0.0 d	99.0 a	99.0 a
	INTERLINE	2.34 SL		29.0 oz/a		POST2 B								
	WARRANT	3 ME		48.0 oz/a		POST2 B								
LSD P=.10									1.03		5.31	2.56	7.18	
Standard Deviation						0.00		0.86	0.00	4.44	2.14	6.00	0.00	
CV						0.0		5.34	0.0	29.9	47.68	10.72	0.0	
Grand Mean						0.00		16.08	16.50	14.83	4.48	56.00	90.75	
Bartlett's X2						0.0		0.061	0.0	1.528	3.659	18.027	0.0	
P(Bartlett's X2)						.		0.805	.	0.216	0.301	0.035*	.	
Replicate F						0.000		1.658	0.000	1.163	0.419	2.637	0.000	
Replicate Prob(F)						1.0000		0.1951	1.0000	0.3385	0.7408	0.0659	1.0000	
Treatment F						0.000		7654.151	0.000	245.091	31.007	80.540	0.000	
Treatment Prob(F)						1.0000		0.0001	1.0000	0.0001	0.0001	0.0001	1.0000	

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 1,3,7 because error mean square = 0.

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Weed Code	AMAPA						
Crop Code	-----						
Part Rated							
Rating Data Type	CONTROL						
Rating Unit	PERCENT						
Rating Date	Jun-11-15						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code	
							8
1	NTC						0.0 e
2	CHEETAH MAX	3	SL	32.0 oz/a		POST1 A	48.8 bc
3	CHEETAH	2.34	SL	29.0 oz/a		POST1 A	53.8 b
4	CHEETAH MAX	3	SL	32.0 oz/a		POST2 B	51.3 bc
5	CHEETAH	2.34	SL	29.0 oz/a		POST2 B	50.0 bc
6	CHEETAH MAX	3	SL	32.0 oz/a		POST2 B	52.5 bc
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST2 B	
7	CHEETAH	2.34	SL	29.0 oz/a		POST2 B	51.3 bc
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST2 B	
8	CHEETAH	2.34	SL	29.0 oz/a		POST2 B	47.5 c
	DUAL MAGNUM	7.62	EC	21.0 oz/a		POST2 B	
9	CHEETAH MAX	3	SL	32.0 oz/a		POST3 C	51.3 bc
10	CHEETAH	2.34	SL	29.0 oz/a		POST3 C	20.0 d
11	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	97.0 a
	LIBERTY	2.34	SL	29.0 oz/a		POST2 B	
	WARRANT	3	ME	48.0 oz/a		POST2 B	
12	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	98.0 a
	INTERLINE	2.34	SL	29.0 oz/a		POST2 B	
	WARRANT	3	ME	48.0 oz/a		POST2 B	
LSD P=.10							4.36
Standard Deviation							3.65
CV							7.05
Grand Mean							51.77
Bartlett's X2							14.682
P(Bartlett's X2)							0.10
Replicate F							4.578
Replicate Prob(F)							0.0087
Treatment F							216.159
Treatment Prob(F)							0.0001

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Trial ID: SB-08-15 Study Dir.: BOB BRUSS/CLAY OWEN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.
Part Rated
PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
LEAF = LEAF / FOLIAGE

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Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- GLYMA PLANT - STUNTING PERCENT May-25-15	AMAPA ----- CONTROL PERCENT May-25-15	MOLVE ----- CONTROL PERCENT May-25-15	ANNUAL GRASS CONTROL PERCENT May-25-15	----- GLYMA LEAF - BURN PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-3-15			
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
1	NTC						101		0.0	0.0	0.0	0.0	0.0	0.0
							202		0.0	0.0	0.0	0.0	0.0	0.0
							307		0.0	0.0	0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
2	CHEETAH MAX	3 SL		32.0 oz/a		POST1 A	102		0.0	0.0	0.0	0.0	10.0	55.0
							212		0.0	0.0	0.0	0.0	10.0	50.0
							311		0.0	0.0	0.0	0.0	10.0	65.0
							402		0.0	0.0	0.0	0.0	10.0	65.0
							Mean =		0.0	0.0	0.0	0.0	10.0	58.8
3	CHEETAH	2.34 SL		29.0 oz/a		POST1 A	103		0.0	0.0	0.0	0.0	0.0	65.0
							204		0.0	0.0	0.0	0.0	0.0	70.0
							303		0.0	0.0	0.0	0.0	0.0	65.0
							410		0.0	0.0	0.0	0.0	0.0	65.0
							Mean =		0.0	0.0	0.0	0.0	0.0	66.3
4	CHEETAH MAX	3 SL		32.0 oz/a		POST2 B	104		0.0	0.0	0.0	0.0	0.0	55.0
							208		0.0	0.0	0.0	0.0	10.0	50.0
							310		0.0	0.0	0.0	0.0	0.0	65.0
							407		0.0	0.0	0.0	0.0	10.0	50.0
							Mean =		0.0	0.0	0.0	0.0	5.0	55.0
5	CHEETAH	2.34 SL		29.0 oz/a		POST2 B	105		0.0	0.0	0.0	0.0	0.0	50.0
							210		0.0	0.0	0.0	0.0	0.0	40.0
							308		0.0	0.0	0.0	0.0	0.0	55.0
							404		0.0	0.0	0.0	0.0	0.0	50.0
							Mean =		0.0	0.0	0.0	0.0	0.0	48.8
6	CHEETAH MAX	3 SL		32.0 oz/a		POST2 B	106		0.0	0.0	0.0	0.0	10.0	85.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2 B	211		0.0	0.0	0.0	0.0	10.0	60.0
							309		0.0	0.0	0.0	0.0	15.0	75.0
							411		0.0	0.0	0.0	0.0	10.0	50.0
							Mean =		0.0	0.0	0.0	0.0	11.3	67.5
7	CHEETAH	2.34 SL		29.0 oz/a		POST2 B	107		0.0	0.0	0.0	0.0	15.0	60.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2 B	209		0.0	0.0	0.0	0.0	15.0	50.0
							305		0.0	0.0	0.0	0.0	15.0	45.0
							403		0.0	0.0	0.0	0.0	10.0	50.0
							Mean =		0.0	0.0	0.0	0.0	13.8	51.3
8	CHEETAH	2.34 SL		29.0 oz/a		POST2 B	108		0.0	0.0	0.0	0.0	15.0	50.0
	DUAL MAGNUM	7.62 EC		21.0 oz/a		POST2 B	201		0.0	0.0	0.0	0.0	15.0	40.0
							304		0.0	0.0	0.0	0.0	15.0	45.0
							406		0.0	0.0	0.0	0.0	10.0	50.0
							Mean =		0.0	0.0	0.0	0.0	13.8	46.3
9	CHEETAH MAX	3 SL		32.0 oz/a		POST3 C	109		0.0	0.0	0.0	0.0	0.0	60.0
							206		0.0	0.0	0.0	0.0	0.0	55.0
							312		0.0	0.0	0.0	0.0	0.0	50.0
							401		0.0	0.0	0.0	0.0	0.0	50.0
							Mean =		0.0	0.0	0.0	0.0	0.0	53.8
10	CHEETAH	2.34 SL		29.0 oz/a		POST3 C	110		0.0	0.0	0.0	0.0	0.0	30.0
							205		0.0	0.0	0.0	0.0	0.0	25.0
							301		0.0	0.0	0.0	0.0	0.0	30.0
							409		0.0	0.0	0.0	0.0	0.0	25.0
							Mean =		0.0	0.0	0.0	0.0	0.0	27.5
11	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE A	111		0.0	95.0	99.0	85.0	0.0	99.0
	LIBERTY	2.34 SL		29.0 oz/a		POST2 B	207		0.0	99.0	99.0	99.0	0.0	99.0
	WARRANT	3 ME		48.0 oz/a		POST2 B	302		0.0	99.0	99.0	99.0	0.0	99.0
							412		0.0	95.0	99.0	95.0	0.0	95.0
							Mean =		0.0	97.0	99.0	94.5	0.0	98.0
12	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE A	112		0.0	95.0	99.0	85.0	0.0	99.0
	INTERLINE	2.34 SL		29.0 oz/a		POST2 B	203		0.0	99.0	99.0	99.0	0.0	99.0
	WARRANT	3 ME		48.0 oz/a		POST2 B	306		0.0	95.0	99.0	85.0	0.0	99.0
							405		0.0	95.0	99.0	65.0	0.0	99.0
							Mean =		0.0	96.0	99.0	83.5	0.0	99.0

University of Georgia

WEED CONTROL IN LL SOYBEANS WITH CHEETAH MAX
AND OTHER GLUFOSINATE FORMULATIONS
Trial ID: SB-08-15 Study Dir.: BOB BRUSS/CLAY OWEN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.
Part Rated
PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
LEAF = LEAF / FOLIAGE