University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC								-	101	212	302	406
2	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1475 mL	102	201	303	408
3	ROUNDUP P-MAX TOUGH	5.5 5	SL EC	32.0 8.0	oz/a oz/a	EPOST EPOST	A A	25.0 mL/mx 6.249 mL/mx	1468.8 mL	103	209	304	411
4	PURSUIT AGRIDEX	2	AS	4.0 1.0	oz/a % v/v	EPOST EPOST	A A	3.125 mL/mx 15.0 mL/mx	1481.9 mL	104	202	310	412
5	PURSUIT TOUGH AGRIDEX	2 5	AS EC	4.0 8.0 1.0	oz/a oz/a % v/v	EPOST EPOST EPOST	A A A	3.125 mL/mx 6.249 mL/mx 15.0 mL/mx	1475.6 mL	105	203	305	410
6	CLASSIC AGRIDEX	25	DG	0.50 1.0	oz/a % v/v	EPOST EPOST	A A	0.3745 g/mx 15.0 mL/mx	1484.6 mL	106	211	308	401
7	CLASSIC TOUGH AGRIDEX	25 5	DG EC	0.50 8.0 1.0	oz/a oz/a % v/v	EPOST EPOST EPOST	A A A	0.3745 g/mx 6.249 mL/mx 15.0 mL/mx	1478.4 mL	107	208	309	405
8	CLASSIC AGRIDEX	25	DG	0.67 1.0	oz/a % v/v	EPOST EPOST	A A	0.5018 g/mx 15.0 mL/mx	1484.5 mL	108	205	312	409
9	CLASSIC TOUGH AGRIDEX	25 5	DG EC	0.67 8.0 1.0	oz/a oz/a % v/v	EPOST EPOST EPOST	A A A	0.5018 g/mx 6.249 mL/mx 15.0 mL/mx	1478.2 mL	109	206	301	407
10	ROUNDUP PMAX REFLEX	5.5 2	SL SL	32.0 24.0	oz/a oz/a	EPOST EPOST	A A	25.0 mL/mx 18.75 mL/mx	1456.3 mL	110	204	306	403
11	TOUGH AGRIDEX	5	EC	8.0 1.0	oz/a % v/v	EPOST EPOST	A A	6.249 mL/mx 15.0 mL/mx	1478.8 mL	111	207	311	402
12	NTC								-	112	210	307	404

Sort Order: Treatment

Trial Comments

AGRASS = NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, CROWFOOTGRASS, AND GOOSEGRASS.

SUMMARY:

1) ADDITIONS OF TOUGH TO POST HERBICIDES INCREASED SOYBEAN LEAF NECROSIS BY ~9-19%.

2) ADDITIONS OF TOUGH TO PURSUIT, CLASSIC, OR ROUNDUP DID NOT SIGNIFICANTLY IMPROVE PALMER AMARANTH CONTROL. THIS LOCATION HAS CONFIRMED RESISTANCE TO GLYPHOSATE AND ALS HERBICIDES.

3) THE MOST EFFECTIVE PALMER AMARANTH CONTROL TREATMENT IN THIS TEST WAS ROUNDUP + REFLEX. HOWEVER, CONTROL AT 23 DAT WAS ONLY 65%.

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: DENNIS LONG **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **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 PALMER AMARANTH **2.** AGRASS TX PANI/CROW/GOOSE/CRAB
Weed 3. _____ _____ **4.** _____ _____

Crop 1: GLYMA SOYBEAN **Variety:** PIONEER 55A49X **Planting Date:** May-14-19
Planting Method: _____ **Rate:** 8 S/ROW-FT **Depth:** 1.25 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: LUMIGEN SEED TRT; 400 LBS/A 5-15-30 PREPLANT;

Previous:	Crops	Pesticides	Year
1.	SOYBEAN	2018	

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.67 **% Sand:** 94 **% Silt:** 2 **% Clay:** 4
pH: 6.5 **CEC:** 2.8 **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On:	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-9-19		0.195	IN	RAINFALL		
2.	May-10-19		0.5	IN	SPRINKLER - LATERAL MOVE		
3.	May-16-19		0.5	IN	SPRINKLER - LATERAL MOVE		
4.	May-17-19		0.62	IN	RAINFALL		
5.	May-23-19		0.5	IN	SPRINKLER - LATERAL MOVE		
6.	May-30-19		0.5	IN	SPRINKLER - LATERAL MOVE		
7.	Jun-5-19		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-29-19					
Time of Day:	8:40 AM					
Application Method:	BROADCAST					
Application Timing:	POST					
Applic. Placement:	FOLIAGE					
Air Temp., Unit:	79 F					
% Relative Humidity:	67					
Wind Velocity, Unit:	2 MPH					
Dew Presence (Y/N):	N					
Water Hardness:						
Soil Temp., Unit:	83 F					
Soil Moisture:	DRY					
% Cloud Cover:	25					

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH

Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

CROP STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Crop 1	**Stage:** GLYMA						
Stage Scale:		4"T; V2					
Height, Unit:							

WEED STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Weed 1	**Stage:** AMAPA	1-7"T					
Stage Scale:							
Density, Unit:							
Weed 2	**Stage:** AGRASS	1-3"T					
Stage Scale:							
Density, Unit:							

APPLICATION EQUIPMENT

		A	B	C	D	E	F
Appl. Equipment:	BACKPACK						
Operating Pressure:	38						
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**

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
	Weed Code							Glyma	Amapa	Agrass	Amapa	Agrass	Amapa	Agrass
	Crop Code													
	Part Rated							LEAF -						
	Rating Data Type							NECROSIS	Control	Control	Control	Control	Control	Control
	Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Rating Date							Jun-4-19	Jun-4-19	Jun-4-19	Jun-10-19	Jun-10-19	Jun-21-19	Jun-21-19
	Trt-Eval Interval							6 DA-A	6 DA-A	6 DA-A	12 DA-A	12 DA-A	23 DA-A	23 DA-A
1	NTC							0.0 d	0.0 g	0.0 d	0.0 f	0.0 d	0.0 e	0.0 b
2	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	0.0 d	50.0 c	94.5 b	32.5 c	91.3 a	32.5 bc	90.0 a
3	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	18.8 a	62.5 b	95.5 b	43.8 b	92.5 a	35.0 b	90.0 a
	TOUGH	5	EC	8.0	oz/a	EPOST	A							
4	PURSUIT	2	AS	4.0	oz/a	EPOST	A	0.0 d	27.5 f	31.3 c	17.5 e	66.3 b	10.0 de	12.5 b
	AGRIDEX			1.0	% v/v	EPOST	A							
5	PURSUIT	2	AS	4.0	oz/a	EPOST	A	18.8 a	42.5 cd	31.3 c	20.0 de	53.8 c	17.5 cd	12.5 b
	TOUGH	5	EC	8.0	oz/a	EPOST	A							
	AGRIDEX			1.0	% v/v	EPOST	A							
6	CLASSIC	25	DG	0.50	oz/a	EPOST	A	10.0 b	27.5 f	0.0 d	27.5 cd	0.0 d	20.0 bcd	0.0 b
	AGRIDEX			1.0	% v/v	EPOST	A							
7	CLASSIC	25	DG	0.50	oz/a	EPOST	A	18.8 a	35.0 def	0.0 d	25.0 cde	0.0 d	15.0 de	0.0 b
	TOUGH	5	EC	8.0	oz/a	EPOST	A							
	AGRIDEX			1.0	% v/v	EPOST	A							
8	CLASSIC	25	DG	0.67	oz/a	EPOST	A	10.0 b	27.5 f	0.0 d	25.0 cde	0.0 d	20.0 bcd	0.0 b
	AGRIDEX			1.0	% v/v	EPOST	A							
9	CLASSIC	25	DG	0.67	oz/a	EPOST	A	18.8 a	37.5 de	0.0 d	17.5 e	0.0 d	10.0 de	0.0 b
	TOUGH	5	EC	8.0	oz/a	EPOST	A							
	AGRIDEX			1.0	% v/v	EPOST	A							
10	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	A	5.0 c	92.5 a	99.0 a	72.5 a	92.5 a	65.0 a	92.3 a
	REFLEX	2	SL	24.0	oz/a	EPOST	A							
11	TOUGH	5	EC	8.0	oz/a	EPOST	A	17.5 a	30.0 ef	0.0 d	30.0 c	0.0 d	17.5 cd	0.0 b
	AGRIDEX			1.0	% v/v	EPOST	A							
12	NTC							0.0 d	0.0 g	0.0 d	0.0 f	0.0 d	0.0 e	0.0 b
	LSD P=.10							1.83	9.75	3.47	9.05	6.51	15.10	12.80
	Standard Deviation							1.53	8.15	2.90	7.56	5.44	12.62	10.69
	CV							15.61	22.6	9.91	29.16	16.47	62.45	43.17
	Grand Mean							9.79	36.04	29.29	25.94	33.02	20.21	24.77
	Bartlett's X2							0.101	17.847	5.055	7.965	6.035	6.609	12.949
	P(Bartlett's X2)							0.999	0.037*	0.168	0.437	0.197	0.678	0.012*

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Glyma LEAF NECROSIS Percent Jun-4-19 6 DA-A (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	3247.916667			
Replicate	3	22.916667	7.638889	3.270	0.0333
Treatment	11	3147.916667	286.174242	122.514	0.0001
Error	33	77.083333	2.335859		

Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-4-19 6 DA-A (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	30847.916667			
Replicate	3	735.416667	245.138889	3.695	0.0213
Treatment	11	27922.916667	2538.446970	38.258	0.0001
Error	33	2189.583333	66.351010		

Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-4-19 6 DA-A (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	78349.916667			
Replicate	3	37.416667	12.472222	1.480	0.2379
Treatment	11	78034.416667	7094.037879	841.846	0.0001
Error	33	278.083333	8.426768		

Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-10-19 12 DA-A (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	18232.812500			
Replicate	3	55.729167	18.576389	0.325	0.8075
Treatment	11	16289.062500	1480.823864	25.883	0.0001
Error	33	1888.020833	57.212753		

Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-10-19 12 DA-A (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	79536.979167			
Replicate	3	30.729167	10.243056	0.347	0.7919
Treatment	11	78530.729167	7139.157197	241.504	0.0001
Error	33	975.520833	29.561237		

Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-21-19 23 DA-A (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	20747.916667			
Replicate	3	1718.750000	572.916667	3.597	0.0236
Treatment	11	13772.916667	1252.083333	7.861	0.0001
Error	33	5256.250000	159.280303		

Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-21-19 23 DA-A (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	74698.479167			
Replicate	3	286.729167	95.576389	0.836	0.4840
Treatment	11	70637.729167	6421.611742	56.151	0.0001
Error	33	3774.020833	114.364268		

Weed Code
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
Part Rated
LEAF = LEAF / FOLIAGE

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
	Weed Code								Glyma	Amapa	Agrass	Amapa	Agrass	Amapa
	Crop Code													
	Part Rated								LEAF -					
	Rating Data Type								NECROSIS	Control	Control	Control	Control	Control
	Rating Unit								Percent	Percent	Percent	Percent	Percent	Percent
	Rating Date								Jun-4-19	Jun-4-19	Jun-4-19	Jun-10-19	Jun-10-19	Jun-21-19
	Trt-Eval Interval								6 DA-A	6 DA-A	6 DA-A	12 DA-A	12 DA-A	23 DA-A
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								212	0.0	0.0	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0	0.0	0.0
								406	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	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	102	0.0	60.0	95.0	20.0	95.0	30.0
								201	0.0	30.0	99.0	20.0	95.0	20.0
								303	0.0	55.0	85.0	50.0	85.0	50.0
								408	0.0	55.0	99.0	40.0	90.0	30.0
								Mean =	0.0	50.0	94.5	32.5	91.3	32.5
3	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	103	20.0	65.0	99.0	30.0	95.0	30.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	209	15.0	60.0	99.0	40.0	95.0	30.0
								304	20.0	65.0	85.0	55.0	85.0	50.0
								411	20.0	60.0	99.0	50.0	95.0	30.0
								Mean =	18.8	62.5	95.5	43.8	92.5	35.0
4	PURSUIT	2	AS	4.0	oz/a	EPOST	A	104	0.0	40.0	30.0	20.0	50.0	20.0
	AGRIDEX			1.0	% v/v	EPOST	A	202	0.0	30.0	35.0	20.0	65.0	20.0
								310	0.0	20.0	30.0	20.0	85.0	0.0
								412	0.0	20.0	30.0	10.0	65.0	0.0
								Mean =	0.0	27.5	31.3	17.5	66.3	10.0
5	PURSUIT	2	AS	4.0	oz/a	EPOST	A	105	15.0	60.0	30.0	30.0	50.0	20.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	203	20.0	40.0	30.0	20.0	50.0	20.0
	AGRIDEX			1.0	% v/v	EPOST	A	305	20.0	50.0	35.0	20.0	50.0	30.0
								410	20.0	20.0	30.0	10.0	65.0	0.0
								Mean =	18.8	42.5	31.3	20.0	53.8	17.5
6	CLASSIC	25	DG	0.50	oz/a	EPOST	A	106	10.0	40.0	0.0	20.0	0.0	20.0
	AGRIDEX			1.0	% v/v	EPOST	A	211	10.0	20.0	0.0	30.0	0.0	30.0
								308	10.0	20.0	0.0	30.0	0.0	30.0
								401	10.0	30.0	0.0	30.0	0.0	0.0
								Mean =	10.0	27.5	0.0	27.5	0.0	20.0
7	CLASSIC	25	DG	0.50	oz/a	EPOST	A	107	15.0	50.0	0.0	20.0	0.0	20.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	208	20.0	25.0	0.0	30.0	0.0	40.0
	AGRIDEX			1.0	% v/v	EPOST	A	309	20.0	20.0	0.0	20.0	0.0	0.0
								405	20.0	45.0	0.0	30.0	0.0	0.0
								Mean =	18.8	35.0	0.0	25.0	0.0	15.0
8	CLASSIC	25	DG	0.67	oz/a	EPOST	A	108	10.0	30.0	0.0	20.0	0.0	50.0
	AGRIDEX			1.0	% v/v	EPOST	A	205	10.0	30.0	0.0	30.0	0.0	30.0
								312	10.0	30.0	0.0	30.0	0.0	0.0
								409	10.0	20.0	0.0	20.0	0.0	0.0
								Mean =	10.0	27.5	0.0	25.0	0.0	20.0
9	CLASSIC	25	DG	0.67	oz/a	EPOST	A	109	15.0	40.0	0.0	20.0	0.0	20.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	206	20.0	35.0	0.0	20.0	0.0	20.0
	AGRIDEX			1.0	% v/v	EPOST	A	301	20.0	30.0	0.0	10.0	0.0	0.0
								407	20.0	45.0	0.0	20.0	0.0	0.0
								Mean =	18.8	37.5	0.0	17.5	0.0	10.0
10	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	A	110	5.0	95.0	99.0	85.0	95.0	65.0
	REFLEX	2	SL	24.0	oz/a	EPOST	A	204	5.0	90.0	99.0	65.0	85.0	60.0
								306	5.0	90.0	99.0	65.0	95.0	60.0
								403	5.0	95.0	99.0	75.0	95.0	75.0
								Mean =	5.0	92.5	99.0	72.5	92.5	65.0
11	TOUGH	5	EC	8.0	oz/a	EPOST	A	111	15.0	30.0	0.0	30.0	0.0	40.0
	AGRIDEX			1.0	% v/v	EPOST	A	207	15.0	25.0	0.0	30.0	0.0	30.0
								311	20.0	30.0	0.0	30.0	0.0	0.0
								402	20.0	35.0	0.0	30.0	0.0	0.0
								Mean =	17.5	30.0	0.0	30.0	0.0	17.5
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	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
								404	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

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH
Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	7
	Weed Code								Agrass
	Crop Code								
	Part Rated								
	Rating Data Type								Control
	Rating Unit								Percent
	Rating Date								Jun-21-19
	Trt-Eval Interval								23 DA-A
1	NTC							101	0.0
								212	0.0
								302	0.0
								406	0.0
								Mean =	0.0
2	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	102	95.0
								201	95.0
								303	85.0
								408	85.0
								Mean =	90.0
3	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	103	95.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	209	85.0
								304	85.0
								411	95.0
								Mean =	90.0
4	PURSUIT	2	AS	4.0	oz/a	EPOST	A	104	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	202	0.0
								310	50.0
								412	0.0
								Mean =	12.5
5	PURSUIT	2	AS	4.0	oz/a	EPOST	A	105	50.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	203	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	305	0.0
								410	0.0
								Mean =	12.5
6	CLASSIC	25	DG	0.50	oz/a	EPOST	A	106	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	211	0.0
								308	0.0
								401	0.0
								Mean =	0.0
7	CLASSIC	25	DG	0.50	oz/a	EPOST	A	107	0.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	208	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	309	0.0
								405	0.0
								Mean =	0.0
8	CLASSIC	25	DG	0.67	oz/a	EPOST	A	108	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	205	0.0
								312	0.0
								409	0.0
								Mean =	0.0
9	CLASSIC	25	DG	0.67	oz/a	EPOST	A	109	0.0
	TOUGH	5	EC	8.0	oz/a	EPOST	A	206	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	301	0.0
								407	0.0
								Mean =	0.0
10	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	A	110	99.0
	REFLEX	2	SL	24.0	oz/a	EPOST	A	204	85.0
								306	90.0
								403	95.0
								Mean =	92.3
11	TOUGH	5	EC	8.0	oz/a	EPOST	A	111	0.0
	AGRIDEX			1.0	% v/v	EPOST	A	207	0.0
								311	0.0
								402	0.0
								Mean =	0.0
12	NTC							112	0.0
								210	0.0
								307	0.0
								404	0.0
								Mean =	0.0

University of Georgia

WEED CONTROL IN SOYBEANS WITH POST APPLIED TOUGH

Trial ID: SB-05-19 Study Dir.: DENNIS LONG
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
Part Rated
LEAF = LEAF / FOLIAGE