

University of Georgia

SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL

Trial ID: SB-03-25 Study Dir.: H. SANDERS
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	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC							-	101	203	302	403
2	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT A		3.906 mL/mx	1354.5 mL	102	205	304	402
	VALOR EZ	4	SC	2.0 oz/a	PREPLANT A		1.562 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v	PREPLANT A		15.0 mL/mx					
	AMSOL			5.0 % v/v	PREPLANT A		74.99 mL/mx					
3	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT A		3.906 mL/mx	1343.6 mL	103	201	303	405
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT A		12.5 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v	PREPLANT A		15.0 mL/mx					
	AMSOL			5.0 % v/v	PREPLANT A		74.99 mL/mx					
4	VERDICT	5.57	EC	5.0 oz/a	PREPLANT A		3.906 mL/mx	1356.1 mL	104	206	305	404
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	MSO (IMPLode HC)			1.0 % v/v	PREPLANT A		15.0 mL/mx					
	AMSOL			5.0 % v/v	PREPLANT A		74.99 mL/mx					
5	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT A		25.0 mL/mx	1347.5 mL	105	204	306	401
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT A		12.5 mL/mx					
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v	PREPLANT A		15.0 mL/mx					
	AMSOL			5.0 % v/v	PREPLANT A		74.99 mL/mx					
6	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT A		25.0 mL/mx	1465 mL	106	202	301	406
	TRICOR	4	F	8.0 oz/a	PREPLANT A		6.25 mL/mx					
	INDUCE			0.25 % v/v	PREPLANT A		3.75 mL/mx					

Sort Order: Treatment

Trial Comments

LAST TILLAGE: MARCH 20

VERDICT = DIMETHENAMID-P (5.0 LBS/GAL) + SAFLUFENACIL (0.57 LB AI/A)

5.0% V/V = 3 QT/A

2" SOIL TEMPERATURES EARLY AM

APRIL 26: 70 F

MAY 3: 72 F

MAY 8: 86 F

MAY 16: 78 F

MAY 24: 92 F

FIESTAR (GLUFOSINATE) @ 32 OZ/A + RUPM3 @ 32 OZ/A + DUAL MAGNUM APPLIED POST TO WHOLE FIELD: MAY 28

RUPM3 @ 32 OZ/A + PURSUIT @ 4 OZ/A + ALTO @ 5.5 OZ/A + DIMILIN @ 2 OZ/A + BORON @ 32 OZ/A: JUNE 11

RUPM3 @ 32 OZ/A + ALTO @ 5.5 OZ/A + DIMILIN @ 2 OZ/A + BORON @ 32 OZ/A: JULY 21

HARVEST DATE: 10/13/25

HARVEST MOISTURE: 13%

YIELDS ADJUSTED TO 13% MOISTURE

MISSING YIELD DATA IN PLOT#206 DUE TO COMBINE/OPERATOR (PROSTKO) ERROR.

SUMMARY:

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL

Trial ID: SB-03-25 Study Dir.: H. SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

- 1) RAPIDICIL + VALOR OR DUAL MAGNUM + ROUNDUP + 2,4-D AMINE APPLIED PREPLANT CAUSED SLIGHT SOYBEAN INJURY (10% OR LESS) WHEN APPLIED 3 DBP.
- 2) AT 28 DAT (MAY 24), RAPIDICAL + VALOR OR DUAL MAGNUM + ROUNDUP + 2,4-D AMINE APPLIED PREPLANT PROVIDED AT LEAST 93% CONTROL OF PALMER AMARANTH, WILD RADISH, HENBIT, AND CORN SPURRY.
- 3) AT 28 DAT (MAY 24), ANNUAL GRASS CONTROL WITH RAPIDICIL + VALOR + ROUNDUP + 2,4-D AMINE WAS MORE EFFECTIVE THAN A SIMILAR TREATMENT WITH DUAL MAGNUM (92% VS 78% CONTROL).
- 4) VERDICT APPLIED 3 DBP CAUSED SIGNIFICANT SOYBEAN INJURY IN THE FORM OF STUNTING AND LEAF NECROSIS.
LABEL RECOMENDATION IS 30 DBP ON THIS SOIL TYPE.
- 5) ALL HERBICIDE TREATED PLOTS HAD HIGHER YIELDS THAN THE NTC. NTC PLOTS WERE NOT HARVESTABLE DUE TO HEAVY WEED PRESSURE.
- 6) YIELDS FROM RAPIDICIL TREATED PLOTS WERE NOT DIFFERENT THAN PLOTS TREATED WITH GRAMOXONE + TRICOR STANDARD.
- 7) YIELDS OF PLOTS TREATED WITH VERDICT APPLIED 3 DPB WERE SIGNIFICANTLY LOWER THAN PLOTS TREATED WITH RAPIDICIL OR GRAMOXONE + TRICOR OR GRAMOXONE + DUAL II MAGNUM + 2,4-D AMINE TREATED PLOTS (10-20% YIELD REDUCTIONS).

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Trial ID: SB-03-25

Study Dir.: H. SANDERS

Location: PONDER FARM

Investigator: Eric P. Prostko

Study Director: H. SANDERS

Title:

Affiliation:

Postal Code:

Investigator: Eric P. Prostko

Title:

Affiliation:

Postal Code:

TRIAL LOCATION

City:

State/Prov.:

Postal Code:

Country:

E-Longitude of LL Corner °:

Altitude of LL Corner: Unit:

Directions:

Trial Status:

Trial Reliability:

Initiation Date:

Planned Completion Date:

N-Latitude of LL Corner °:

Angle y-axis to North °:

COOPERATOR/LANDOWNER

Cooperator:

Org:

Address 1:

Address 2:

City:

State/Prov:

Postal Code:

Country:

Phone No:

Fax No:

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

Guidelines:

Guideline Description:

Objective:

Conclusions:

CROP AND WEED DESCRIPTION			
Weed	Code	Common Name	Scientific Name
1.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	CYPES	NU	TSEDGE SP.
5.	LAMAM	HE	NBIT
6.	SPEAR	CO	RN SPURRY

Crop 1: GLYMA

SOYBEAN

Variety: P56A71E

Planting Date: Apr-26-25

Planting Method: MONOSEM

Perennial Age:

Rate: 126718 S/A

Depth: 1.5 IN

Seed Bed:

Row Spacing: 36 IN

Spacing Within Row:

Emergence Date:

Soil Temperature:

Soil Moisture: FAIR

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT

Reps: 4

Site Type:

Tillage Type: CONVENTIONAL

Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A 5-15-30 - PREPLANT

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Study Dir.: H. SANDERS

Location: PONDER FARM

Investigator: Eric P. Prostko

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

% Sand: 94 % OM: 0.61 Texture: SAND
% Silt: 2 pH: 6.0 Soil Name: FUQUAY
% Clay: 4 CEC: 2.2 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-23-25		0.30	IN	SPRINKLER - LATERAL MOVE	8	HAT
2.	Apr-27-25		0.50	IN	SPRINKLER - LATERAL MOVE		
3.	Apr-27-25		0.80	IN	RAINFALL		
4.	May-1-25		0.50	IN	SPRINKLER - LATERAL MOVE		
5.	May-9-25		0.47	IN	RAINFALL		
6.	May-10-25		0.11	IN	RAINFALL		
7.	May-11-25		0.42	IN	RAINFALL		
8.	May-19-25		0.40	IN	SPRINKLER - LATERAL MOVE		
9.	May-21-25		0.30	IN	RAINFALL		
10.	May-26-25		0.50	IN	SPRINKLER - LATERAL MOVE		
11.	May-29-25		0.70	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A
Application Date:	Apr-23-25
Time of Day:	7:00 AM
Application Method:	BROADCAST
Application Timing:	PREPLANT
Applic. Placement:	FOLIAGE
Air Temp., Unit:	62 F
% Relative Humidity:	95
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	F
Soil Moisture:	DRY
% Cloud Cover:	50

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	GLYMA,
Stage Scale:	
Height, Unit:	, IN

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL			
Trial ID:	SB-03-25	Study Dir.:	H. SANDERS
Location:	PONDER FARM	Investigator:	Eric P. Prostko

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	AGRAS,
Stage Scale:	
Density, Unit:	2-3"
Weed 2 Code, Stage:	AMAPA,
Stage Scale:	
Density, Unit:	2-12
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	2-6"
Weed 4 Code, Stage:	CYPES,
Stage Scale:	
Density, Unit:	3-6"
Weed 5 Code, Stage:	LAMAM,
Stage Scale:	
Density, Unit:	1-3"
Weed 6 Code, Stage:	SPEAR,
Stage Scale:	
Density, Unit:	2-4"

APPLICATION EQUIPMENT

	A
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:	20 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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Trial ID: SB-03-25		Study Dir.: H. SANDERS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code					Amapa	Rapra	Agrass	Lamam	Spear	Amapa	
Crop Code					-----	-----	-----	-----	-----	-----	
Rating Data Type					Control	Control	Control	Control	Control	Control	
Rating Unit					%	%	%	%	%	%	
Rating Date					Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	May-3-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	1	2	3	4	5	6
1	NTC					0.0 c	0.0 b	0.0 c	0.0 d	0.0 na	0.0 b
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	99.0 a	90.8 a	99.0 a	78.8 b	99.0 na	100.0 a
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	99.0 a	90.5 a	99.0 a	71.3 b	99.0 na	100.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	97.0 b	83.8 a	81.0 b	50.0 c	99.0 na	100.0 a
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	MSO (IMPLD HC)			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	99.0 a	83.3 a	99.0 a	97.0 a	99.0 na	100.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	99.0 a	98.0 a	99.0 a	99.0 a	99.0 na	98.8 a
	TRICOR	4 F		8.0 oz/a	PREPLANT						
	INDUCE			0.25 % v/v	PREPLANT						
LSD P=.10						1.17	17.62	10.86	9.52	.	1.27
Standard Deviation						0.94	14.21	8.76	7.68	0.00	1.02
CV						1.15	19.11	11.02	11.63	0.0	1.23
Grand Mean						82.17	74.38	79.50	66.00	82.50	83.13
Bartlett's X2^						17.097*	4.813	17.097*	8.459	.	17.097*
P(Bartlett's X2)						0.004*	0.439	0.004*	0.133	.	0.004*
Rank X2						.	.	.	.	.	.
P(Rank X2)						.	.	.	.	.	.
Skewness^						0.0	-1.0951*	-1.7228*	-0.8507	.	-2.2059*
P(Skewness)^						1.0	0.0394*	0.0022*	0.1032	.	0.0002*
Kurtosis^						1.7922	1.4828	7.8991*	1.7737	.	8.7619*
P(Kurtosis)^						0.0787	0.1416	0.0*	0.0817	.	0.0*
Replicate F						1.000	2.568	1.000	1.523	NaN	1.000
Replicate Prob(F)						0.4199	0.0932	0.4199	0.2493	NaN	0.4199
Treatment F						7294.350	26.863	81.727	92.998	NaN	6369.000
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	NaN	0.0001

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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Trial ID: SB-03-25		Study Dir.: H. SANDERS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code					Rapra	Agrass	Lamam	Spear	-----	Amapa	
Crop Code					-----	-----	-----	-----	Glyma	-----	
Rating Data Type					Control	Control	Control	Control	Stunting	Control	
Rating Unit					%	%	%	%	%	%	
Rating Date					May-3-25	May-3-25	May-3-25	May-3-25	May-8-25	May-8-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	7	8	9	10	11	12
1	NTC					0.0 b	0.0 c	0.0 c	0.0 na	0.0 c	0.0 b
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	100.0 a	100.0 a	100.0 a	100.0 na	10.0 a	99.0 a
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	100.0 a	100.0 a	100.0 a	100.0 na	10.0 a	99.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	97.5 a	93.8 b	93.8 b	100.0 na	3.8 b	98.0 a
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	MSO (IMPLD HC)			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	97.5 a	100.0 a	100.0 a	100.0 na	3.8 b	99.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	100.0 a	100.0 a	100.0 a	100.0 na	0.0 c	98.0 a
	TRICOR	4 F		8.0 oz/a	PREPLANT						
	INDUCE			0.25 % v/v	PREPLANT						
LSD P=.10						3.70	3.80	3.80	.	1.60	1.48
Standard Deviation						2.98	3.06	3.06	0.00	1.29	1.19
CV						3.61	3.72	3.72	0.0	28.17	1.45
Grand Mean						82.50	82.29	82.29	83.33	4.58	82.17
Bartlett's X2^						16.717*	17.097*	17.097*	.	3.682	16.717*
P(Bartlett's X2)						0.005*	0.004*	0.004*	.	0.596	0.005*
Rank X2						.	.	.	.	.	.
P(Rank X2)						.	.	.	.	.	.
Skewness^						-1.6991*	-0.4085	-0.4085	.	-0.872	-1.6991*
P(Skewness)^						0.0025*	0.4235	0.4235	.	0.0953	0.0025*
Kurtosis^						3.6824*	3.255*	3.255*	.	0.921	3.6824*
P(Kurtosis)^						0.001*	0.0028*	0.0028*	.	0.3543	0.001*
Replicate F						0.625	1.000	1.000	NaN	2.500	0.625
Replicate Prob(F)						0.6098	0.4199	0.4199	NaN	0.0991	0.6098
Treatment F						735.750	696.111	696.111	NaN	49.000	4557.844
Treatment Prob(F)						0.0001	0.0001	0.0001	NaN	0.0001	0.0001

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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Trial ID: SB-03-25		Study Dir.: H. SANDERS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code					Rapra	Agrass	Lamam	Spear	-----	-----	
Crop Code					-----	-----	-----	-----	Glyma	Glyma	
Rating Data Type					Control	Control	Control	Control	Stand	Stunting	
Rating Unit					%	%	%	%	#/5 FT	%	
Rating Date					May-8-25	May-8-25	May-8-25	May-8-25	May-14-25	May-16-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	13	14	15	16	17	18
1	NTC					0.0 b	0.0 c	0.0 c	0.0 na	14.0 c	0.0 -
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	99.0 a	98.0 ab	99.0 a	99.0 na	22.0 ab	7.5 -
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	98.0 a	99.0 a	99.0 a	99.0 na	21.3 ab	8.8 -
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	95.5 a	93.5 b	70.0 b	99.0 na	23.8 a	6.3 -
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	MSO (IMPLODE HC)			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	97.0 a	98.0 ab	98.0 a	99.0 na	21.3 ab	0.0 -
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT						
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT						
	AGRIDEX			1.0 % v/v	PREPLANT						
	AMSOL			5.0 % v/v	PREPLANT						
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	99.0 a	94.5 ab	99.0 a	99.0 na	19.3 b	2.5 -
	TRICOR	4 F		8.0 oz/a	PREPLANT						
	INDUCE			0.25 % v/v	PREPLANT						
LSD P=.10						3.84	4.92	5.36	.	3.34	6.50
Standard Deviation						3.10	3.97	4.32	0.00	2.69	5.24
CV						3.8	4.93	5.57	0.0	13.3	125.86
Grand Mean						81.42	80.50	77.50	82.50	20.25	4.17
Bartlett's X2^						14.819*	12.37*	19.754*	.	5.193	3.305
P(Bartlett's X2)						0.011*	0.03*	0.001*	.	0.393	0.653
Rank X2						.	.	.	.	.	.
P(Rank X2)						.	.	.	.	.	.
Skewness^						-1.5498*	-1.1726*	2.0249*	.	0.0484	0.2277
P(Skewness)^						0.0051*	0.0284*	0.0005*	.	0.9239	0.6539
Kurtosis^						5.2183*	1.9875	8.1218*	.	-0.8699	-0.5196
P(Kurtosis)^						0.0*	0.053	0.0*	.	0.3811	0.5989
Replicate F						1.083	0.535	0.571	NaN	1.110	2.121
Replicate Prob(F)						0.3861	0.6652	0.6424	NaN	0.3759	0.1404
Treatment F						664.370	395.493	337.264	NaN	6.326	2.152
Treatment Prob(F)						0.0001	0.0001	0.0001	NaN	0.0024	0.1149

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL										
Trial ID: SB-03-25		Study Dir.: H. SANDERS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code					-----	Amapa	Rapra	Agrass	Lamam	
Crop Code					Glyma	-----	-----	-----	-----	
Rating Data Type					Necrosis	Control	Control	Control	Control	
Rating Unit					%	%	%	%	%	
Rating Date					May-16-25	May-16-25	May-16-25	May-16-25	May-16-25	
Trt	Treatment	Form	Form	Rate	Grow	19	20	21	22	23
No.	Name	Conc	Type	Rate	Unit					
1	NTC					0.0 na	0.0 d	0.0 c	0.0 b	0.0 c
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	0.0 na	99.0 a	99.0 a	98.0 a	99.0 a
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT					
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	0.0 na	98.0 ab	96.8 ab	92.5 a	98.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT					
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	10.0 na	94.5 bc	96.8 ab	88.3 a	86.0 b
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	MSO (IMPLODE HC)			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	0.0 na	98.0 ab	88.3 b	98.0 a	97.0 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	0.0 na	93.8 c	99.0 a	89.5 a	99.0 a
	TRICOR	4 F		8.0 oz/a	PREPLANT					
	INDUCE			0.25 % v/v	PREPLANT					
LSD P=.10						.	4.09	8.69	12.43	5.08
Standard Deviation						0.00	3.30	7.01	10.02	4.10
CV						0.0	4.1	8.77	12.9	5.13
Grand Mean						1.67	80.54	79.96	77.71	79.83
Bartlett's X2^						.	15.133*	12.781*	17.052*	12.799*
P(Bartlett's X2)						.	0.01*	0.026*	0.004*	0.025*
Rank X2						.	.	.	.	.
P(Rank X2)						.	.	.	.	.
Skewness^						.	-1.3455*	-1.8006*	-1.3841*	0.5162
P(Skewness)^						.	0.0132*	0.0015*	0.0111*	0.3139
Kurtosis^						.	3.6448*	6.2739*	3.0538*	5.2429*
P(Kurtosis)^						.	0.0011*	0.0*	0.0046*	0.0*
Replicate F						NaN	0.309	1.079	0.423	1.349
Replicate Prob(F)						NaN	0.8183	0.3877	0.7394	0.2961
Treatment F						NaN	572.520	126.185	58.365	370.040
Treatment Prob(F)						NaN	0.0001	0.0001	0.0001	0.0001

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL										
Trial ID: SB-03-25		Study Dir.: H. SANDERS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code					Spear	-----	-----	Amapa	Rapra	
Crop Code					-----	Glyma	Glyma	-----	-----	
Rating Data Type					Control	Stunting	Necrosis	Control	Control	
Rating Unit					%	%	%	%	%	
Rating Date					May-16-25	May-24-25	May-24-25	May-24-25	May-24-25	
Trt	Treatment	Form	Form	Rate	Grow	24	25	26	27	28
No.	Name	Conc	Type	Rate	Unit					
1	NTC					0.0 b	0.0 b	0.0 b	0.0 c	0.0 c
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	99.0 a	2.5 b	2.5 b	99.0 a	99.0 a
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT					
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	99.0 a	2.5 b	5.0 b	93.5 a	95.5 ab
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT					
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	95.5 a	30.0 a	32.5 a	80.0 b	95.5 ab
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	MSO (IMPLODE HC)			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	99.0 a	0.0 b	0.0 b	93.5 a	87.0 b
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT					
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT					
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	99.0 a	2.5 b	0.0 b	80.0 b	99.0 a
	TRICOR	4 F		8.0 oz/a	PREPLANT					
	INDUCE			0.25 % v/v	PREPLANT					
LSD P=.10						3.54	4.28	6.53	11.49	9.19
Standard Deviation						2.86	3.46	5.27	9.27	7.41
CV						3.49	55.3	79.06	12.47	9.34
Grand Mean						81.92	6.25	6.67	74.33	79.33
Bartlett's X2^						17.097*	6.76	16.054*	15.367*	8.823
P(Bartlett's X2)						0.004*	0.239	0.007*	0.009*	0.116
Rank X2						.	.	.	.	.
P(Rank X2)						.	.	.	.	.
Skewness^						-2.2059*	1.0908*	1.6916*	-0.2076	-1.3637*
P(Skewness)^						0.0002*	0.0401*	0.0026*	0.6826	0.0122*
Kurtosis^						8.7619*	1.1347	3.453*	0.4339	3.8101*
P(Kurtosis)^						0.0*	0.256	0.0017*	0.6602	0.0007*
Replicate F						1.000	1.279	0.400	0.288	1.493
Replicate Prob(F)						0.4199	0.3175	0.7550	0.8332	0.2569
Treatment F						789.767	45.837	23.640	64.508	111.391
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	0.0001

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL									
Trial ID: SB-03-25		Study Dir.: H. SANDERS							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code					Agrass	Lamam	Spear	-----	-----
Crop Code					-----	-----	-----	Glyma	Glyma
Rating Data Type					Control	Control	Control	Yield	YIELD
Rating Unit					%	%	%	lbs/plot	BU/A
Rating Date					May-24-25	May-24-25	May-24-25	Oct-13-25	Oct-13-25
Trt	Treatment	Form	Form	Rate	Grow				
No.	Name	Conc	Type	Rate Unit	Stg	29	30	31	32
1	NTC					0.0 c	0.0 c	0.0 c	0.0 d
2	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	92.0 ab	99.0 a	99.0 a	12.9 bc
	VALOR EZ	4 SC		2.0 oz/a	PREPLANT				63 bc
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT				
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT				
	AGRIDEX			1.0 % v/v	PREPLANT				
	AMSOL			5.0 % v/v	PREPLANT				
3	RAPIDICIL	0.46 EC		5.0 oz/a	PREPLANT	77.5 b	99.0 a	99.0 a	13.3 ab
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT				64 ab
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT				
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT				
	AGRIDEX			1.0 % v/v	PREPLANT				
	AMSOL			5.0 % v/v	PREPLANT				
4	VERDICT	5.57 EC		5.0 oz/a	PREPLANT	77.5 b	94.5 b	99.0 a	11.8 c
	ROUNDUP POWERMAX3	5.88 SL		32.0 oz/a	PREPLANT				57 c
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT				
	MSO (IMPLD HC)			1.0 % v/v	PREPLANT				
	AMSOL			5.0 % v/v	PREPLANT				
5	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	94.3 a	99.0 a	93.8 b	14.6 a
	DUAL II MAGNUM	7.64 SC		16.0 oz/a	PREPLANT				71 a
	2,4-D AMINE	3.8 SC		32.0 oz/a	PREPLANT				
	AGRIDEX			1.0 % v/v	PREPLANT				
	AMSOL			5.0 % v/v	PREPLANT				
6	GRAMOXONE	3 SL		32.0 oz/a	PREPLANT	87.3 ab	99.0 a	99.0 a	13.3 ab
	TRICOR	4 F		8.0 oz/a	PREPLANT				64 ab
	INDUCE			0.25 % v/v	PREPLANT				
LSD P=.10						16.60	3.34	3.07	1.35
Standard Deviation						13.39	2.70	2.48	1.09
CV						18.75	3.3	3.04	9.89
Grand Mean						71.42	81.75	81.63	10.99
Bartlett's X2^						6.446	17.097*	17.097*	2.547
P(Bartlett's X2)						0.265	0.004*	0.004*	0.769
Rank X2						.	.	.	.
P(Rank X2)						.	.	.	.
Skewness^						-0.3134	-1.7201*	-1.678*	0.2264
P(Skewness)^						0.538	0.0023*	0.0028*	0.6628
Kurtosis^						0.1677	7.4883*	7.9005*	-0.5413
P(Kurtosis)^						0.8649	0.0*	0.0*	0.5918
Replicate F						0.514	1.000	1.000	1.430
Replicate Prob(F)						0.6785	0.4199	0.4199	0.2759
Treatment F						28.410	883.333	1042.419	100.768
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

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.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 5,10,16,19 because error variance is 0.

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^Calculated from residual.

University of Georgia

SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL			
Trial ID:	SB-03-25	Study Dir.:	H. SANDERS
Location:	PONDER FARM	Investigator:	Eric P. Prostko
Rating Data Type Yield = YIELD Rating Unit % = PERCENT ARM Action Codes TY1 = 4.84*[32]			

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL												
Trial ID: SB-03-25		Study Dir.: H. SANDERS										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							Amapa	Rapra	Agrass	Lamam	Spear	
Crop Code							-----	-----	-----	-----	-----	
Rating Data Type							Control	Control	Control	Control	Control	
Rating Unit							%	%	%	%	%	
Rating Date							Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	1	2	3	4	5
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							203	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							403	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT	102		99.0	70.0	99.0	85.0	99.0
	VALOR EZ	4	SC	2.0 oz/a	PREPLANT	205		99.0	99.0	99.0	80.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	304		99.0	95.0	99.0	85.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	402		99.0	99.0	99.0	65.0	99.0
	AGRIDEX			1.0 % v/v	PREPLANT							
	AMSOL			5.0 % v/v	PREPLANT							
						Mean =	99.0	90.8	99.0	78.8	99.0	
3	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT	103		99.0	65.0	99.0	85.0	99.0
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT	201		99.0	99.0	99.0	50.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	303		99.0	99.0	99.0	85.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	405		99.0	99.0	99.0	65.0	99.0
	AGRIDEX			1.0 % v/v	PREPLANT							
	AMSOL			5.0 % v/v	PREPLANT							
						Mean =	99.0	90.5	99.0	71.3	99.0	
4	VERDICT	5.57	EC	5.0 oz/a	PREPLANT	104		99.0	50.0	99.0	50.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	206		95.0	95.0	90.0	50.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	305		99.0	95.0	85.0	50.0	99.0
	MSO (IMPLODE HC)			1.0 % v/v	PREPLANT	404		95.0	95.0	50.0	50.0	99.0
	AMSOL			5.0 % v/v	PREPLANT							
						Mean =	97.0	83.8	81.0	50.0	99.0	
5	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT	105		99.0	85.0	99.0	95.0	99.0
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT	204		99.0	50.0	99.0	95.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	306		99.0	99.0	99.0	99.0	99.0
	AGRIDEX			1.0 % v/v	PREPLANT	401		99.0	99.0	99.0	99.0	99.0
	AMSOL			5.0 % v/v	PREPLANT							
						Mean =	99.0	83.3	99.0	97.0	99.0	
6	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT	106		99.0	99.0	99.0	99.0	99.0
	TRICOR	4	F	8.0 oz/a	PREPLANT	202		99.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	PREPLANT	301		99.0	95.0	99.0	99.0	99.0
						406		99.0	99.0	99.0	99.0	99.0
						Mean =	99.0	98.0	99.0	99.0	99.0	

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL

Trial ID: SB-03-25 Study Dir.: H. SANDERS
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							Amapa ----- Control % May-3-25	Rapra ----- Control % May-3-25	Agrass ----- Control % May-3-25	Lamam ----- Control % May-3-25	Spear ----- Control % May-3-25	
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	6	7	8	9	10
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							203	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							403	0.0	0.0	0.0	0.0	0.0
						Mean =		0.0	0.0	0.0	0.0	0.0
2	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	102	100.0	100.0	100.0	100.0	100.0
	VALOR EZ	4	SC	2.0	oz/a	PREPLANT	205	100.0	100.0	100.0	100.0	100.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	304	100.0	100.0	100.0	100.0	100.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	402	100.0	100.0	100.0	100.0	100.0
	AGRIDEX			1.0	% v/v	PREPLANT						
	AMSOL			5.0	% v/v	PREPLANT						
						Mean =		100.0	100.0	100.0	100.0	100.0
3	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	103	100.0	100.0	100.0	100.0	100.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	201	100.0	100.0	100.0	100.0	100.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	303	100.0	100.0	100.0	100.0	100.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	405	100.0	100.0	100.0	100.0	100.0
	AGRIDEX			1.0	% v/v	PREPLANT						
	AMSOL			5.0	% v/v	PREPLANT						
						Mean =		100.0	100.0	100.0	100.0	100.0
4	VERDICT	5.57	EC	5.0	oz/a	PREPLANT	104	100.0	90.0	100.0	100.0	100.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	206	100.0	100.0	100.0	90.0	100.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	305	100.0	100.0	90.0	100.0	100.0
	MSO (IMPLODE HC)			1.0	% v/v	PREPLANT	404	100.0	100.0	85.0	85.0	100.0
	AMSOL			5.0	% v/v	PREPLANT						
						Mean =		100.0	97.5	93.8	93.8	100.0
5	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	105	100.0	100.0	100.0	100.0	100.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	204	100.0	90.0	100.0	100.0	100.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	306	100.0	100.0	100.0	100.0	100.0
	AGRIDEX			1.0	% v/v	PREPLANT	401	100.0	100.0	100.0	100.0	100.0
	AMSOL			5.0	% v/v	PREPLANT						
						Mean =		100.0	97.5	100.0	100.0	100.0
6	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	106	100.0	100.0	100.0	100.0	100.0
	TRICOR	4	F	8.0	oz/a	PREPLANT	202	100.0	100.0	100.0	100.0	100.0
	INDUCE			0.25	% v/v	PREPLANT	301	100.0	100.0	100.0	100.0	100.0
							406	95.0	100.0	100.0	100.0	100.0
						Mean =		98.8	100.0	100.0	100.0	100.0

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL

Trial ID: SB-03-25 Study Dir.: H. SANDERS
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date					----- Glyma Stunting % May-8-25	Amapa ----- Control % May-8-25	Rapra ----- Control % May-8-25	Agrass ----- Control % May-8-25	Lamam ----- Control % May-8-25
Trt	Treatment	Form	Form	Rate	Grow				
No.	Name	Conc	Type	Rate	Unit	Stg	Plot		
1	NTC						101	0.0	0.0
							203	0.0	0.0
							302	0.0	0.0
							403	0.0	0.0
							Mean =	0.0	0.0
2	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	102	10.0	99.0
	VALOR EZ	4	SC	2.0	oz/a	PREPLANT	205	10.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	304	10.0	99.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	402	10.0	99.0
	AGRIDEX			1.0	% v/v	PREPLANT			
	AMSOL			5.0	% v/v	PREPLANT			
							Mean =	10.0	99.0
3	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	103	10.0	99.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	201	10.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	303	10.0	99.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	405	10.0	99.0
	AGRIDEX			1.0	% v/v	PREPLANT			
	AMSOL			5.0	% v/v	PREPLANT			
							Mean =	10.0	99.0
4	VERDICT	5.57	EC	5.0	oz/a	PREPLANT	104	5.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	206	0.0	95.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	305	5.0	99.0
	MSO (IMPLODE HC)			1.0	% v/v	PREPLANT	404	5.0	99.0
	AMSOL			5.0	% v/v	PREPLANT			
							Mean =	3.8	98.0
5	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	105	5.0	99.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	204	0.0	99.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	306	5.0	99.0
	AGRIDEX			1.0	% v/v	PREPLANT	401	5.0	99.0
	AMSOL			5.0	% v/v	PREPLANT			
							Mean =	3.8	99.0
6	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	106	0.0	99.0
	TRICOR	4	F	8.0	oz/a	PREPLANT	202	0.0	99.0
	INDUCE			0.25	% v/v	PREPLANT	301	0.0	99.0
							406	0.0	95.0
							Mean =	0.0	98.0

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL

Trial ID: SB-03-25 Study Dir.: H. SANDERS
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date					Spear ----- Control % May-8-25	----- Glyma Stand #/5 FT May-14-25	----- Glyma Stunting % May-16-25	----- Glyma Necrosis % May-16-25	Amapa ----- Control % May-16-25
Trt	Treatment	Form	Form	Rate	Grow				
No.	Name	Conc	Type	Rate	Unit	Stg	Plot		
1	NTC						101	0.0	12.0
							203	0.0	17.0
							302	0.0	17.0
							403	0.0	10.0
							Mean =	0.0	14.0
2	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	102	99.0	23.0
	VALOR EZ	4	SC	2.0	oz/a	PREPLANT	205	99.0	21.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	304	99.0	21.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	402	99.0	23.0
	AGRIDEX			1.0	% v/v	PREPLANT			0.0
	AMSOL			5.0	% v/v	PREPLANT			0.0
							Mean =	99.0	22.0
3	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	103	99.0	21.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	201	99.0	18.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	303	99.0	24.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	405	99.0	22.0
	AGRIDEX			1.0	% v/v	PREPLANT			10.0
	AMSOL			5.0	% v/v	PREPLANT			0.0
							Mean =	99.0	21.3
4	VERDICT	5.57	EC	5.0	oz/a	PREPLANT	104	99.0	26.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	206	99.0	24.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	305	99.0	22.0
	MSO (IMPLODE HC)			1.0	% v/v	PREPLANT	404	99.0	23.0
	AMSOL			5.0	% v/v	PREPLANT			15.0
							Mean =	99.0	23.8
5	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	105	99.0	26.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	204	99.0	20.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	306	99.0	19.0
	AGRIDEX			1.0	% v/v	PREPLANT	401	99.0	20.0
	AMSOL			5.0	% v/v	PREPLANT			0.0
							Mean =	99.0	21.3
6	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	106	99.0	23.0
	TRICOR	4	F	8.0	oz/a	PREPLANT	202	99.0	15.0
	INDUCE			0.25	% v/v	PREPLANT	301	99.0	19.0
							406	99.0	20.0
							Mean =	99.0	19.3

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL										
Trial ID: SB-03-25		Study Dir.: H. SANDERS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code					Rapra	Agrass	Lamam	Spear	-----	
Crop Code					-----	-----	-----	-----	Glyma	
Rating Data Type					Control	Control	Control	Control	Stunting	
Rating Unit					%	%	%	%	%	
Rating Date					May-16-25	May-16-25	May-16-25	May-16-25	May-24-25	
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	21	22	23
1	NTC						101	0.0	0.0	0.0
							203	0.0	0.0	0.0
							302	0.0	0.0	0.0
							403	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0
2	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	102	99.0	95.0	99.0
	VALOR EZ	4	SC	2.0	oz/a	PREPLANT	205	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	304	99.0	99.0	10.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	402	99.0	99.0	0.0
	AGRIDEX			1.0	% v/v	PREPLANT				
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	99.0	98.0	2.5
3	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	103	90.0	90.0	99.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	201	99.0	99.0	10.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	303	99.0	95.0	99.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	405	99.0	95.0	99.0
	AGRIDEX			1.0	% v/v	PREPLANT				0.0
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	96.8	92.5	2.5
4	VERDICT	5.57	EC	5.0	oz/a	PREPLANT	104	90.0	99.0	85.0
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	206	99.0	99.0	85.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	305	99.0	90.0	99.0
	MSO (IMPLODE HC)			1.0	% v/v	PREPLANT	404	99.0	65.0	75.0
	AMSOL			5.0	% v/v	PREPLANT				99.0
							Mean =	96.8	88.3	86.0
5	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	105	90.0	99.0	95.0
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	204	65.0	99.0	95.0
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	306	99.0	99.0	99.0
	AGRIDEX			1.0	% v/v	PREPLANT	401	99.0	95.0	99.0
	AMSOL			5.0	% v/v	PREPLANT				99.0
							Mean =	88.3	98.0	97.0
6	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	106	99.0	99.0	99.0
	TRICOR	4	F	8.0	oz/a	PREPLANT	202	99.0	65.0	99.0
	INDUCE			0.25	% v/v	PREPLANT	301	99.0	95.0	99.0
							406	99.0	99.0	99.0
							Mean =	99.0	89.5	99.0

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL										
Trial ID: SB-03-25		Study Dir.: H. SANDERS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code					-----	Amapa	Rapra	Agrass	Lamam	
Crop Code					Glyma	-----	-----	-----	-----	
Rating Data Type					Necrosis	Control	Control	Control	Control	
Rating Unit					%	%	%	%	%	
Rating Date					May-24-25	May-24-25	May-24-25	May-24-25	May-24-25	
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	26	27	28
1	NTC						101	0.0	0.0	0.0
							203	0.0	0.0	0.0
							302	0.0	0.0	0.0
							403	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0
2	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT	102	102	0.0	99.0	99.0
	VALOR EZ	4	SC	2.0 oz/a	PREPLANT	205	205	0.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	304	304	10.0	99.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	402	402	0.0	99.0	80.0
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
							Mean =	2.5	99.0	92.0
3	RAPIDICIL	0.46	EC	5.0 oz/a	PREPLANT	103	103	0.0	90.0	85.0
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT	201	201	20.0	99.0	65.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	303	303	0.0	90.0	65.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	405	405	0.0	95.0	95.0
	AGRIDEX			1.0 % v/v	PREPLANT					
	AMSOL			5.0 % v/v	PREPLANT					
							Mean =	5.0	93.5	77.5
4	VERDICT	5.57	EC	5.0 oz/a	PREPLANT	104	104	40.0	95.0	85.0
	ROUNDUP POWERMAX3	5.88	SL	32.0 oz/a	PREPLANT	206	206	30.0	65.0	99.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	305	305	30.0	95.0	80.0
	MSO (IMPLODE HC)			1.0 % v/v	PREPLANT	404	404	30.0	65.0	50.0
	AMSOL			5.0 % v/v	PREPLANT					
							Mean =	32.5	80.0	77.5
5	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT	105	105	0.0	90.0	85.0
	DUAL II MAGNUM	7.64	SC	16.0 oz/a	PREPLANT	204	204	0.0	95.0	65.0
	2,4-D AMINE	3.8	SC	32.0 oz/a	PREPLANT	306	306	0.0	90.0	99.0
	AGRIDEX			1.0 % v/v	PREPLANT	401	401	0.0	99.0	80.0
	AMSOL			5.0 % v/v	PREPLANT					
							Mean =	0.0	93.5	87.0
6	GRAMOXONE	3	SL	32.0 oz/a	PREPLANT	106	106	0.0	90.0	99.0
	TRICOR	4	F	8.0 oz/a	PREPLANT	202	202	0.0	85.0	65.0
	INDUCE			0.25 % v/v	PREPLANT	301	301	0.0	65.0	90.0
						406	406	0.0	80.0	99.0
							Mean =	0.0	80.0	87.3

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL										
Trial ID:		SB-03-25		Study Dir.:		H. SANDERS				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Weed Code							Spear	-----	-----	
Crop Code							Control	Glyma	Glyma	
Rating Data Type							%	Yield	YIELD	
Rating Unit							May-24-25	lbs/plot	BU/A	
Rating Date							May-24-25	Oct-13-25	Oct-13-25	
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	31	32	33
1	NTC						101	0.0	0.0	0
							203	0.0	0.0	0
							302	0.0	0.0	0
							403	0.0	0.0	0
							Mean =	0.0	0.0	0
2	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	102	99.0	11.6	56
	VALOR EZ	4	SC	2.0	oz/a	PREPLANT	205	99.0	13.9	67
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	304	99.0	14.0	68
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	402	99.0	12.2	59
	AGRIDEX			1.0	% v/v	PREPLANT				
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	99.0	12.9	63
3	RAPIDICIL	0.46	EC	5.0	oz/a	PREPLANT	103	99.0	12.7	61
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	201	99.0	12.9	62
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	303	99.0	13.0	63
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	405	99.0	14.7	71
	AGRIDEX			1.0	% v/v	PREPLANT				
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	99.0	13.3	64
4	VERDICT	5.57	EC	5.0	oz/a	PREPLANT	104	99.0	10.7	52
	ROUNDUP POWERMAX3	5.88	SL	32.0	oz/a	PREPLANT	206	99.0	.	.
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	305	99.0	11.7	57
	MSO (IMPLODE HC)			1.0	% v/v	PREPLANT	404	99.0	13.1	63
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	99.0	11.8	57
5	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	105	85.0	14.6	71
	DUAL II MAGNUM	7.64	SC	16.0	oz/a	PREPLANT	204	96.0	14.8	72
	2,4-D AMINE	3.8	SC	32.0	oz/a	PREPLANT	306	99.0	16.3	79
	AGRIDEX			1.0	% v/v	PREPLANT	401	95.0	12.7	61
	AMSOL			5.0	% v/v	PREPLANT				
							Mean =	93.8	14.6	71
6	GRAMOXONE	3	SL	32.0	oz/a	PREPLANT	106	99.0	12.0	58
	TRICOR	4	F	8.0	oz/a	PREPLANT	202	99.0	15.1	73
	INDUCE			0.25	% v/v	PREPLANT	301	99.0	13.1	63
							406	99.0	12.8	62
							Mean =	99.0	13.3	64

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SOYBEAN PREPLANT BURNDOWNS WITH RAPIDICIL		
Trial ID:	SB-03-25	Study Dir.: H. SANDERS
Location:	PONDER FARM	Investigator: Eric P. Prostko
Rating Data Type Yield = YIELD Rating Unit % = PERCENT ARM Action Codes TY1 = 4.84*[32]		