

University of Georgia

PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY 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	Form Conc	Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC							-	101	212	307	403
2	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1453.7 mL	102	208	311	409
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
3	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1454.5 mL	103	209	306	404
	REVITON	2.83 SC		1.0 oz/a	PPLNT A		0.7812 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
4	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1453.7 mL	104	207	302	401
	REVITON	2.83 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
5	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1442.8 mL	105	211	308	402
	AATREX	4 L		32.0 oz/a	PPLNT A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
6	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1467.0 mL	106	204	310	412
	REVITON	2.83 SC		1.0 oz/a	PPLNT A		0.7812 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
7	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		17.19 mL/mx	1466.2 mL	107	201	312	407
	REVITON	2.83 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
8	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		37.5 mL/mx	1422.5 mL	108	206	305	406
	AATREX	4 L		32.0 oz/a	PPLNT A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
9	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		37.5 mL/mx	1433.4 mL	109	203	301	410
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
10	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		37.5 mL/mx	1434.2 mL	110	205	309	405
	REVITON	2.83 SC		1.0 oz/a	PPLNT A		0.7812 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
11	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		37.5 mL/mx	1433.4 mL	111	202	303	411
	REVITON	2.83 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					
12	HARMONY XTRA SG	50 DG		0.75 oz/a	PPLNT A		0.5617 g/mx	1470.4 mL	112	210	304	408
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A		1.562 mL/mx					
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A		12.5 mL/mx					
	AGRIDEX			1.0 % v/v	PPLNT A		15.0 mL/mx					

Sort Order: Treatment

Trial Comments

VERY FOGGY ON DAY OF APPLICATION

WEED STAGES OF GROWTH ON 02/23/22

WILD RADISH: 14-20" TALL; FLOWERING; 1" PODS

HENBIT: 6-9" TALL; FLOWERING

RED SORREL; 14-24"; FLOWERING

WHEAT: 6-7" TALL; 4 TILLERS

COMMON CHICKWEED/MOUSEEAR CHICKWEED: 3"-4" TALL

CUTLEAF EVENING-PRIMROSE: 9" DIAMETER

University of Georgia

PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
Location: TIFT COUNTY Investigator: Eric P. Prostko

ANNUAL BLUEGRASS:4-6" FLOWERING

SUMMARY:

1) AT 30 DAT, ALL TREATMENTS PROVIDED AT LEAST 95% CONTROL OF RED SORREL. ALL TREATMENTS PROVIDED AT LEAST 92% CONTROL OF WILD RADISH EXCEPT THE FOLLOWING:

ROUNDUP P-MAX3 + REVITON @ 1 OZ/A + AGRIDEX (89% CONTROL)
GRAMOXONE + VALOR EZ + ENLIST ONE + AGRIDEX (89% CONTROL)

2) OVERALL BURNDOWN WEED CONTROL RATINGS AT 30 DAT EXCEEDED 91% WITH ALL TREATMENTS EXCEPT HARMONY + VALOR EZ + ENLIST ONE + AGRIDEX (64% CONTROL).

3) AT 48 DAT, ALL TREATMENTS PROVIDED 99% CONTROL OF RED SORREL. ALL TREATMENTS PROVIDED AT LEAST 94% CONTROL OF WILD RADISH EXCEPT THE FOLLOWING:

ROUNDUP P-MAX3 + REVITON @ 1 OZ/A OR 2 OZ/A + AGRIDEX (81-86%% CONTROL)

4) 48 DAT WEED CONTROL OVERALL RATING REFLECTED WEED REGROWTH AND NEW EMERGENCE OF OTHER WEEDS (I.E. PURSLANE SPEEDWELL). GENERALLY, TREATMENTS THAT INCLUDED ATRAZINE OR VALOR WERE MORE EFFECTIVE. AT THIS TIME, TREATMENTS THAT PROVIDED AT LEAST 85% OVERALL WEED CONTROL INCLUDED THE FOLLOWING:

ROUNDUP P-MAX3 + VALOR EZ + ENLIST ONE + AGRIDEX (87% CONTROL)
ROUNDUP P-MAX3 + ATRAZINE + AGRIDEX (95% CONTROL)
GRAMOXONE + ATRAZINE + AGRIDEX (96% CONTROL)
GRAMOXONE + VALOR EZ + ENLIST ONE + AGRIDEX (89% CONTROL)

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: W. SHANNON/J. HAND/S.AKIN

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Affiliation: _____

Postal Code: _____

TRIAL LOCATION

City: _____

Trial Status: E

State/Prov.: _____

Trial Reliability: _____

Postal Code: _____

Initiation Date: _____

Country: _____

Planned Completion Date: _____

E-Longitude of LL Corner °: _____

N-Latitude of LL Corner °: _____

Altitude of LL Corner: _____ Unit: _____

Angle y-axis to North °: _____

Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____

Country: _____

Org: _____

Phone No: _____

Address 1: _____

Fax No: _____

Address 2: _____

City: _____

State/Prov: _____

Postal Code: _____

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.	RAPRA	WI	LD RADISH
2.	RUMAA	RE	D SORRELL
3.			

Crop 1: _____

Variety: _____

Planting Date: _____ Planting Method: _____

Rate: _____ Depth: _____ Perennial Age: _____

Row Spacing: _____ Spacing Within Row: _____ Seed Bed: _____

Soil Temperature: _____ Soil Moisture: _____ Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4

Site Type: _____

Tillage Type: _____ Study Design: RACOB

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2021

MAINTENANCE

Field Prep./Maintenance:

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

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 Location: TIFT COUNTY Investigator: Eric P. Prostko

SOIL DESCRIPTION
 % Sand: _____ % OM: _____ Texture: _____
 % Silt: _____ pH: _____ Soil Name: _____
 % Clay: _____ CEC: _____ Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Feb-23-22
Time of Day:	7:20 AM
Application Method:	BROADCAST
Application Timing:	POST
Applic. Placement:	FOLIAGE
Air Temp., Unit:	61 F
% Relative Humidity:	95
Wind Velocity, Unit:	1 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	59 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	100

CROP STAGE AT EACH APPLICATION

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

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	
Weed 2 Code, Stage:	RUMAA,
Stage Scale:	
Density, Unit:	
Weed 3 Code, Stage:	
Stage Scale:	
Density, Unit:	

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Location: TIFT COUNTY Investigator: Eric P. Prostko

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:	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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PREPLANT BURNDOWN WEED CONTROL												
Trial ID: BN-01-22		Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL										
Location: TIFT COUNTY		Investigator: Eric P. Prostko										
Weed Code						RAPRA	RUMAA	Overall	Rapra	Rumaa	Overall	
Crop Code						----	----	Burndown			Burndown	
Part Rated												
Rating Data Type						Control	Control	Control	Control	Control	Control	
Rating Unit						%	%	%	%	Pecent	%	
Rating Date						Mar-2-22	Mar-2-22	Mar-2-22	Mar-9-22	Mar-9-22	Mar-9-22	
Trt-Eval Interval						7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6
No.	Name	Conc	Type	Rate Unit	Stg	Code						
1	NTC						0.0 g	0.0 d	0.0 g	0.0 e	0.0 d	0.0 e
2	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		47.5 d	66.3 a	56.3 d	72.5 c	82.3 ab	75.0 b
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
3	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		63.8 bc	66.3 a	62.5 cd	72.5 c	83.8 a	77.5 ab
	REVITON	2.83 SC		1.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
4	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		66.3 abc	63.8 a	61.3 cd	78.8 ab	87.5 a	80.0 a
	REVITON	2.83 SC		2.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
5	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		12.5 f	22.5 c	22.5 f	60.0 d	76.3 b	68.8 c
	AATREX	4 L		32.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
6	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		60.0 c	70.0 a	62.5 cd	75.0 bc	83.8 a	75.0 b
	REVITON	2.83 SC		1.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
7	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		66.3 abc	61.3 a	65.0 bc	81.3 a	86.3 a	81.3 a
	REVITON	2.83 SC		2.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
8	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		47.5 d	68.8 a	60.0 cd	72.5 c	86.3 a	77.5 ab
	AATREX	4 L		32.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
9	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		65.0 abc	66.3 a	71.3 ab	72.5 c	85.0 a	78.8 ab
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
10	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		73.8 ab	67.5 a	75.0 a	75.0 bc	85.0 a	77.5 ab
	REVITON	2.83 SC		1.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
11	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		75.0 a	70.0 a	77.5 a	80.0 ab	87.5 a	81.3 a
	REVITON	2.83 SC		2.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
12	HARMONY XTRA SG	50 DG		0.75 oz/a	PPLNT A		26.3 e	35.0 b	35.0 e	61.3 d	67.5 c	60.0 d
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
	AGRIDEX			1.0 % v/v	PPLNT A							
LSD P=.10						10.34	10.47	6.81	5.61	6.72	4.99	
Standard Deviation						8.64	8.75	5.69	4.69	5.61	4.17	
CV						17.17	15.97	10.52	7.02	7.39	6.01	
Grand Mean						50.31	54.79	54.06	66.77	75.92	69.38	
Bartlett's X2^						16.33	29.809	10.694	8.107	13.868	5.337	
P(Bartlett's X2)						0.129	0.002*	0.469	0.704	0.24	0.914	

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.

Could not calculate LSD (% mean diff) for columns 8,14 because error mean square = 0.

^Calculated from residual.

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PREPLANT BURNDOWN WEED CONTROL											
Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL											
Location: TIFT COUNTY Investigator: Eric P. Prostko											
Weed Code						Rapra	Rumaa	Overall Burndown	Rapra	Rumaa	Overall Burndown
Crop Code						Control	Control	Control	Control	Control	Control
Part Rated						%	%	%	%	%	%
Rating Data Type						Mar-17-22	Mar-17-22	Mar-17-22	Mar-25-22	Mar-25-22	Mar-25-22
Rating Unit											
Rating Date											
Trt-Eval Interval						22 DA-A	22 DA-A	22 DA-A	30 DA-A	30 DA-A	30 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1 NTC						0.0 f	0.0 b	0.0 g	0.0 d	0.0 d	0.0 f
2 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		81.3 de	99.0 a	85.0 d	97.0 a	99.0 a	95.0 ab
VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
3 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		88.8 bc	99.0 a	91.3 ab	97.0 a	98.0 ab	95.0 ab
REVITON	2.83 SC		1.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
4 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		95.0 a	99.0 a	91.3 ab	98.0 a	99.0 a	96.0 a
REVITON	2.83 SC		2.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
5 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		82.5 d	99.0 a	86.3 cd	96.0 ab	98.0 ab	95.0 ab
AATREX	4 L		32.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
6 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		77.5 e	99.0 a	80.0 e	88.5 c	98.0 ab	92.3 cd
REVITON	2.83 SC		1.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
7 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		90.0 b	99.0 a	91.3 ab	98.0 a	98.0 ab	90.0 d
REVITON	2.83 SC		2.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
8 GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		95.0 a	99.0 a	95.0 a	97.0 a	99.0 a	96.0 a
AATREX	4 L		32.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
9 GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		83.8 d	99.0 a	86.3 cd	88.8 c	95.5 bc	91.3 cd
VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
10 GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		85.0 cd	99.0 a	86.3 cd	92.5 bc	99.0 a	92.5 bcd
REVITON	2.83 SC		1.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
11 GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		92.5 ab	99.0 a	90.0 bc	94.5 ab	99.0 a	93.8 abc
REVITON	2.83 SC		2.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
12 HARMONY XTRA SG	50 DG		0.75 oz/a	PPLNT A		77.5 e	99.0 a	61.3 f	93.8 ab	95.0 c	63.8 e
VALOR EZ	4 SC		2.0 oz/a	PPLNT A							
ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A							
AGRINDEX			1.0 % v/v	PPLNT A							
LSD P=.10						4.50	.	4.78	4.39	2.72	2.59
Standard Deviation						3.76	0.00	3.99	3.67	2.27	2.17
CV						4.76	0.0	5.07	4.23	2.53	2.6
Grand Mean						79.06	90.75	78.65	86.75	89.79	83.38
Bartlett's X2^						21.815	.	40.033	22.364	36.58	12.146
P(Bartlett's X2)						0.026*	.	0.00*	0.022*	0.00*	0.353

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.

Could not calculate LSD (% mean diff) for columns 8,14 because error mean square = 0.

^Calculated from residual.

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PREPLANT BURNDOWN WEED CONTROL									
Trial ID: BN-01-22		Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL							
Location: TIFT COUNTY		Investigator: Eric P. Prostko							
Weed Code						Rapra	Rumaa	Overall	
Crop Code						Control	Control	Control	
Part Rated						%	%	%	
Rating Data Type						Apr-12-22	Apr-12-22	Apr-12-22	
Rating Unit						48 DA-A	48 DA-A	48 DA-A	
Rating Date									
Trt-Eval Interval									
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	13	14	15
1	NTC						0.0 c	0.0 b	0.0 f
2	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		98.0 a	99.0 a	87.3 ab
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
3	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		97.0 a	99.0 a	72.5 cd
	REVITON	2.83 SC		1.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
4	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		98.0 a	99.0 a	73.8 cd
	REVITON	2.83 SC		2.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
5	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		99.0 a	99.0 a	95.0 a
	AATREX	4 L		32.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
6	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		81.3 b	99.0 a	70.0 d
	REVITON	2.83 SC		1.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
7	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	PPLNT A		86.3 b	99.0 a	81.3 bc
	REVITON	2.83 SC		2.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
8	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		99.0 a	99.0 a	96.0 a
	AATREX	4 L		32.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
9	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		94.8 a	99.0 a	88.8 ab
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
10	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		97.0 a	99.0 a	67.5 d
	REVITON	2.83 SC		1.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
11	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A		99.0 a	99.0 a	76.3 cd
	REVITON	2.83 SC		2.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
12	HARMONY XTRA SG	50 DG		0.75 oz/a	PPLNT A		98.0 a	99.0 a	37.5 e
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A				
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A				
	AGRINDEX			1.0 % v/v	PPLNT A				
LSD P=.10						5.09			10.19
Standard Deviation						4.25	0.00		8.51
CV						4.87	0.0		12.08
Grand Mean						87.27	90.75		70.48
Bartlett's X2^						30.77	.		17.281
P(Bartlett's X2)						0.001*	.		0.10

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.

Could not calculate LSD (% mean diff) for columns 8,14 because error mean square = 0.

^Calculated from residual.

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For RAPRA ----- Control % Mar-2-22 7 DA-A (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	30320.312500			
Replicate	3	1005.729167	335.243056	4.492	0.0095
Treatment	11	26851.562500	2441.051136	32.706	0.0001
Error	33	2463.020833	74.636995		

Randomized Complete Block (RCB) AOV For RUMAA ----- Control % Mar-2-22 7 DA-A (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	26397.916667			
Replicate	3	785.416667	261.805556	3.419	0.0285
Treatment	11	23085.416667	2098.674242	27.406	0.0001
Error	33	2527.083333	76.578283		

Randomized Complete Block (RCB) AOV For Overall Burndown Control % Mar-2-22 7 DA-A (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	25282.812500			
Replicate	3	539.062500	179.687500	5.556	0.0034
Treatment	11	23676.562500	2152.414773	66.558	0.0001
Error	33	1067.187500	32.339015		

Randomized Complete Block (RCB) AOV For Rapra Control % Mar-9-22 14 DA-A (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	22224.479167			
Replicate	3	180.729167	60.243056	2.740	0.0589
Treatment	11	21318.229167	1938.020833	88.150	0.0001
Error	33	725.520833	21.985480		

Randomized Complete Block (RCB) AOV For Rumaa Control Percent Mar-9-22 14 DA-A (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	27785.666667			
Replicate	3	170.166667	56.722222	1.801	0.1662
Treatment	11	26576.166667	2416.015152	76.711	0.0001
Error	33	1039.333333	31.494949		

Randomized Complete Block (RCB) AOV For Overall Burndown Control % Mar-9-22 14 DA-A (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	23381.250000			
Replicate	3	227.083333	75.694444	4.360	0.0108
Treatment	11	22581.250000	2052.840909	118.244	0.0001
Error	33	572.916667	17.361111		

Randomized Complete Block (RCB) AOV For Rapra Control % Mar-17-22 22 DA-A (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	29432.812500			
Replicate	3	39.062500	13.020833	0.920	0.4421
Treatment	11	28926.562500	2629.687500	185.749	0.0001
Error	33	467.187500	14.157197		

Randomized Complete Block (RCB) AOV For Rumaa Control % Mar-17-22 22 DA-A (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35937.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	35937.000000	3267.000000	0.000	1.0000
Error	33	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For Overall Burndown Control % Mar-17-22 22 DA-A (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	30836.979167			
Replicate	3	5.729167	1.909722	0.120	0.9477
Treatment	11	30305.729167	2755.066288	173.004	0.0001
Error	33	525.520833	15.924874		

Randomized Complete Block (RCB) AOV For Rapra Control % Mar-25-22 30 DA-A (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	33789.000000			
Replicate	3	29.833333	9.944444	0.738	0.5369
Treatment	11	33314.500000	3028.590909	224.761	0.0001
Error	33	444.666667	13.474747		

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Rumaa Control % Mar-25-22 30 DA-A (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35457.916667			
Replicate	3	24.250000	8.083333	1.562	0.2170
Treatment	11	35262.916667	3205.719697	619.554	0.0001
Error	33	170.750000	5.174242		

Randomized Complete Block (RCB) AOV For Overall Burndown Control % Mar-25-22 30 DA-A (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	33961.250000			
Replicate	3	61.083333	20.361111	4.337	0.0111
Treatment	11	33745.250000	3067.750000	653.485	0.0001
Error	33	154.916667	4.694444		

Randomized Complete Block (RCB) AOV For Rapra Control % Apr-12-22 48 DA-A (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35323.479167			
Replicate	3	99.729167	33.243056	1.839	0.1593
Treatment	11	34627.229167	3147.929924	174.146	0.0001
Error	33	596.520833	18.076389		

Randomized Complete Block (RCB) AOV For Rumaa Control % Apr-12-22 48 DA-A (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35937.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	35937.000000	3267.000000	0.000	1.0000
Error	33	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For Overall Control % Apr-12-22 48 DA-A (Data Column 15)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35595.979167			
Replicate	3	821.229167	273.743056	3.777	0.0196
Treatment	11	32383.229167	2943.929924	40.623	0.0001
Error	33	2391.520833	72.470328		

Rating Unit

% = PERCENT

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PREPLANT BURNDOWN WEED CONTROL										
Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL										
Location: TIFT COUNTY Investigator: Eric P. Prostko										
Weed Code					RAPRA	RUMAA	Overall	Rapra	Rumaa	Overall
Crop Code					-----	-----	Burndown			Burndown
Part Rated					Control	Control	Control	Control	Control	Control
Rating Data Type					%	%	%	%	Pecent	%
Rating Unit					Mar-2-22	Mar-2-22	Mar-2-22	Mar-9-22	Mar-9-22	Mar-9-22
Rating Date					7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A
Trt-Eval Interval										
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
				212	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
				403	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-MAX3	5.88 SL	22.0 oz/a	PPLNT A	102	65.0	95.0	65.0	85.0	99.0	85.0
VALOR EZ	4 SC	2.0 oz/a	PPLNT A	208	20.0	40.0	40.0	65.0	70.0	65.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	311	55.0	70.0	60.0	70.0	80.0	75.0
AGRIDEX		1.0 % v/v	PPLNT A	409	50.0	60.0	60.0	70.0	80.0	75.0
				Mean =	47.5	66.3	56.3	72.5	82.3	75.0
3 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	103	65.0	75.0	65.0	75.0	90.0	85.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	209	60.0	60.0	55.0	65.0	80.0	75.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	306	65.0	65.0	65.0	75.0	85.0	75.0
AGRIDEX		1.0 % v/v	PPLNT A	404	65.0	65.0	65.0	75.0	80.0	75.0
				Mean =	63.8	66.3	62.5	72.5	83.8	77.5
4 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	104	70.0	70.0	70.0	85.0	95.0	90.0
REVITON	2.83 SC	2.0 oz/a	PPLNT A	207	65.0	65.0	55.0	75.0	80.0	75.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	302	60.0	55.0	55.0	80.0	90.0	75.0
AGRIDEX		1.0 % v/v	PPLNT A	401	70.0	65.0	65.0	75.0	85.0	80.0
				Mean =	66.3	63.8	61.3	78.8	87.5	80.0
5 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	105	10.0	10.0	25.0	65.0	80.0	75.0
AATREX	4 L	32.0 oz/a	PPLNT A	211	10.0	30.0	20.0	50.0	70.0	60.0
AGRIDEX		1.0 % v/v	PPLNT A	308	20.0	30.0	25.0	65.0	70.0	70.0
				402	10.0	20.0	20.0	60.0	85.0	70.0
				Mean =	12.5	22.5	22.5	60.0	76.3	68.8
6 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	106	70.0	75.0	70.0	75.0	85.0	75.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	204	55.0	65.0	60.0	75.0	80.0	75.0
AGRIDEX		1.0 % v/v	PPLNT A	310	55.0	65.0	55.0	75.0	85.0	75.0
				412	60.0	75.0	65.0	75.0	85.0	75.0
				Mean =	60.0	70.0	62.5	75.0	83.8	75.0
7 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	107	75.0	75.0	75.0	85.0	85.0	80.0
REVITON	2.83 SC	2.0 oz/a	PPLNT A	201	70.0	50.0	60.0	85.0	90.0	85.0
AGRIDEX		1.0 % v/v	PPLNT A	312	65.0	60.0	65.0	80.0	85.0	80.0
				407	55.0	60.0	60.0	75.0	85.0	80.0
				Mean =	66.3	61.3	65.0	81.3	86.3	81.3
8 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	108	65.0	75.0	65.0	80.0	95.0	85.0
AATREX	4 L	32.0 oz/a	PPLNT A	206	55.0	75.0	65.0	75.0	85.0	80.0
AGRIDEX		1.0 % v/v	PPLNT A	305	50.0	65.0	55.0	70.0	85.0	70.0
				406	20.0	60.0	55.0	65.0	80.0	75.0
				Mean =	47.5	68.8	60.0	72.5	86.3	77.5
9 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	109	65.0	60.0	75.0	75.0	85.0	80.0
VALOR EZ	4 SC	2.0 oz/a	PPLNT A	203	65.0	65.0	65.0	70.0	85.0	80.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	301	65.0	65.0	70.0	70.0	85.0	75.0
AGRIDEX		1.0 % v/v	PPLNT A	410	65.0	75.0	75.0	75.0	85.0	80.0
				Mean =	65.0	66.3	71.3	72.5	85.0	78.8
10 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	110	85.0	75.0	85.0	75.0	80.0	80.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	205	75.0	65.0	75.0	75.0	90.0	75.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	309	75.0	65.0	75.0	80.0	85.0	80.0
AGRIDEX		1.0 % v/v	PPLNT A	405	60.0	65.0	65.0	70.0	85.0	75.0
				Mean =	73.8	67.5	75.0	75.0	85.0	77.5

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval							RAPRA ----- Control % Mar-2-22 7 DA-A	RUMAA ----- Control % Mar-2-22 7 DA-A	Overall Burndown Control % Mar-2-22 7 DA-A	Rapra Control % Mar-9-22 14 DA-A	Rumaa Control Pecent Mar-9-22 14 DA-A	Overall Burndown Control % Mar-9-22 14 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
11	GRAMOXONE	2	SL	48.0	oz/a	PPLNT	A	111	80.0	80.0	80.0	75.0	85.0	80.0
	REVITON	2.83	SC	2.0	oz/a	PPLNT	A	202	70.0	70.0	75.0	75.0	85.0	80.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT	A	303	75.0	65.0	80.0	85.0	95.0	85.0
	AGRIDEX			1.0	% v/v	PPLNT	A	411	75.0	65.0	75.0	85.0	85.0	80.0
								Mean =	75.0	70.0	77.5	80.0	87.5	81.3
12	HARMONY XTRA SG	50	DG	0.75	oz/a	PPLNT	A	112	40.0	50.0	40.0	60.0	70.0	60.0
	VALOR EZ	4	SC	2.0	oz/a	PPLNT	A	210	25.0	30.0	40.0	65.0	75.0	55.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT	A	304	25.0	30.0	40.0	60.0	60.0	60.0
	AGRIDEX			1.0	% v/v	PPLNT	A	408	15.0	30.0	20.0	60.0	65.0	65.0
								Mean =	26.3	35.0	35.0	61.3	67.5	60.0

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PREPLANT BURNDOWN WEED CONTROL										
Trial ID: BN-01-22		Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL								
Location: TIFT COUNTY		Investigator: Eric P. Prostko								
Weed Code						Rapra	Rumaa	Overall Burndown	Rapra	Rumaa
Crop Code						Control	Control	Control	Control	Control
Part Rated						%	%	%	%	%
Rating Data Type						Mar-17-22	Mar-17-22	Mar-17-22	Mar-25-22	Mar-25-22
Rating Unit						22 DA-A	22 DA-A	22 DA-A	30 DA-A	30 DA-A
Rating Date										
Trt-Eval Interval										
Trt Treatment	Form Form	Rate	Grow	Appl						
No. Name	Conc Type	Rate Unit	Stg	Code Plot		7	8	9	10	11
1 NTC				101		0.0	0.0	0.0	0.0	0.0
				212		0.0	0.0	0.0	0.0	0.0
				307		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 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	102		85.0	99.0	85.0	95.0	99.0
VALOR EZ	4 SC	2.0 oz/a	PPLNT A	208		80.0	99.0	85.0	99.0	99.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	311		80.0	99.0	85.0	99.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	409		80.0	99.0	85.0	95.0	99.0
				Mean =		81.3	99.0	85.0	97.0	99.0
3 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	103		90.0	99.0	95.0	95.0	99.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	209		85.0	99.0	90.0	99.0	99.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	306		90.0	99.0	90.0	95.0	95.0
AGRIDEX		1.0 % v/v	PPLNT A	404		90.0	99.0	90.0	99.0	99.0
				Mean =		88.8	99.0	91.3	97.0	98.0
4 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	104		95.0	99.0	95.0	99.0	99.0
REVITON	2.83 SC	2.0 oz/a	PPLNT A	207		95.0	99.0	95.0	99.0	99.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	302		95.0	99.0	80.0	99.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	401		95.0	99.0	95.0	95.0	99.0
				Mean =		95.0	99.0	91.3	98.0	99.0
5 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	105		80.0	99.0	85.0	95.0	95.0
AATREX	4 L	32.0 oz/a	PPLNT A	211		85.0	99.0	90.0	95.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	308		80.0	99.0	85.0	95.0	99.0
				402		85.0	99.0	85.0	99.0	99.0
				Mean =		82.5	99.0	86.3	96.0	98.0
6 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	106		75.0	99.0	85.0	99.0	99.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	204		75.0	99.0	80.0	85.0	95.0
AGRIDEX		1.0 % v/v	PPLNT A	310		75.0	99.0	80.0	85.0	99.0
				412		85.0	99.0	75.0	85.0	99.0
				Mean =		77.5	99.0	80.0	88.5	98.0
7 ROUNDUP P-MAX3	5.88 SL	22.0 oz/a	PPLNT A	107		90.0	99.0	90.0	99.0	99.0
REVITON	2.83 SC	2.0 oz/a	PPLNT A	201		90.0	99.0	90.0	99.0	95.0
AGRIDEX		1.0 % v/v	PPLNT A	312		90.0	99.0	95.0	99.0	99.0
				407		90.0	99.0	90.0	95.0	99.0
				Mean =		90.0	99.0	91.3	98.0	98.0
8 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	108		95.0	99.0	95.0	99.0	99.0
AATREX	4 L	32.0 oz/a	PPLNT A	206		95.0	99.0	95.0	99.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	305		95.0	99.0	95.0	95.0	99.0
				406		95.0	99.0	95.0	95.0	99.0
				Mean =		95.0	99.0	95.0	97.0	99.0
9 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	109		75.0	99.0	85.0	85.0	99.0
VALOR EZ	4 SC	2.0 oz/a	PPLNT A	203		90.0	99.0	90.0	90.0	85.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	301		85.0	99.0	85.0	95.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	410		85.0	99.0	85.0	85.0	99.0
				Mean =		83.8	99.0	86.3	88.8	95.5
10 GRAMOXONE	2 SL	48.0 oz/a	PPLNT A	110		85.0	99.0	85.0	95.0	99.0
REVITON	2.83 SC	1.0 oz/a	PPLNT A	205		80.0	99.0	85.0	90.0	99.0
ENLIST ONE	3.8 SL	16.0 oz/a	PPLNT A	309		90.0	99.0	90.0	95.0	99.0
AGRIDEX		1.0 % v/v	PPLNT A	405		85.0	99.0	85.0	90.0	99.0
				Mean =		85.0	99.0	86.3	92.5	99.0

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval						Rapra	Rumaa	Overall Burndown	Rapra	Rumaa
						Control % Mar-17-22 22 DA-A	Control % Mar-17-22 22 DA-A	Control % Mar-17-22 22 DA-A	Control % Mar-25-22 30 DA-A	Control % Mar-25-22 30 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
11	GRAMOXONE	2	SL	48.0	oz/a	PPLNT	A	111	85.0	99.0
	REVITON	2.83	SC	2.0	oz/a	PPLNT	A	202	95.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT	A	303	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT	A	411	95.0	99.0
								Mean =	92.5	99.0
12	HARMONY XTRA SG	50	DG	0.75	oz/a	PPLNT	A	112	75.0	99.0
	VALOR EZ	4	SC	2.0	oz/a	PPLNT	A	210	85.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT	A	304	80.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT	A	408	70.0	99.0
								Mean =	77.5	99.0

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval						Overall Burndown	Rapra	Rumaa	Overall
						Control % Mar-25-22 30 DA-A	Control % Apr-12-22 48 DA-A	Control % Apr-12-22 48 DA-A	Control % Apr-12-22 48 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	
1	NTC						101	0.0	0.0
							212	0.0	0.0
							307	0.0	0.0
							403	0.0	0.0
							Mean =	0.0	0.0
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	102	95.0	99.0
	VALOR EZ	4	SC	2.0	oz/a	PPLNT A	208	95.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT A	311	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT A	409	95.0	99.0
							Mean =	95.0	98.0
3	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	103	95.0	99.0
	REVITON	2.83	SC	1.0	oz/a	PPLNT A	209	95.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT A	306	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT A	404	95.0	99.0
							Mean =	95.0	97.0
4	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	104	99.0	99.0
	REVITON	2.83	SC	2.0	oz/a	PPLNT A	207	95.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT A	302	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT A	401	95.0	99.0
							Mean =	96.0	98.0
5	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	105	95.0	99.0
	AATREX	4	L	32.0	oz/a	PPLNT A	211	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT A	308	95.0	99.0
							402	95.0	99.0
							Mean =	95.0	99.0
6	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	106	99.0	90.0
	REVITON	2.83	SC	1.0	oz/a	PPLNT A	204	90.0	65.0
	AGRIDEX			1.0	% v/v	PPLNT A	310	90.0	85.0
							412	90.0	85.0
							Mean =	92.3	81.3
7	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	PPLNT A	107	95.0	90.0
	REVITON	2.83	SC	2.0	oz/a	PPLNT A	201	85.0	75.0
	AGRIDEX			1.0	% v/v	PPLNT A	312	90.0	85.0
							407	90.0	95.0
							Mean =	90.0	86.3
8	GRAMOXONE	2	SL	48.0	oz/a	PPLNT A	108	99.0	99.0
	AATREX	4	L	32.0	oz/a	PPLNT A	206	95.0	99.0
	AGRIDEX			1.0	% v/v	PPLNT A	305	95.0	99.0
							406	95.0	99.0
							Mean =	96.0	99.0
9	GRAMOXONE	2	SL	48.0	oz/a	PPLNT A	109	90.0	99.0
	VALOR EZ	4	SC	2.0	oz/a	PPLNT A	203	95.0	90.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT A	301	90.0	95.0
	AGRIDEX			1.0	% v/v	PPLNT A	410	90.0	95.0
							Mean =	91.3	94.8
10	GRAMOXONE	2	SL	48.0	oz/a	PPLNT A	110	95.0	99.0
	REVITON	2.83	SC	1.0	oz/a	PPLNT A	205	95.0	99.0
	ENLIST ONE	3.8	SL	16.0	oz/a	PPLNT A	309	90.0	95.0
	AGRIDEX			1.0	% v/v	PPLNT A	405	90.0	95.0
							Mean =	92.5	97.0

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
 Location: TIFT COUNTY Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval							Overall Burndown	Rapra	Rumaa	Overall
							Control %	Control %	Control %	Control %
							Mar-25-22 30 DA-A	Apr-12-22 48 DA-A	Apr-12-22 48 DA-A	Apr-12-22 48 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	12	13	14	15
11	GRAMOXONE	2 SL		48.0 oz/a	PPLNT A	111	95.0	99.0	99.0	75.0
	REVITON	2.83 SC		2.0 oz/a	PPLNT A	202	95.0	99.0	99.0	85.0
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A	303	95.0	99.0	99.0	85.0
	AGRIDEX			1.0 % v/v	PPLNT A	411	90.0	99.0	99.0	60.0
						Mean =	93.8	99.0	99.0	76.3
12	HARMONY XTRA SG	50 DG		0.75 oz/a	PPLNT A	112	65.0	99.0	99.0	40.0
	VALOR EZ	4 SC		2.0 oz/a	PPLNT A	210	65.0	95.0	99.0	40.0
	ENLIST ONE	3.8 SL		16.0 oz/a	PPLNT A	304	65.0	99.0	99.0	30.0
	AGRIDEX			1.0 % v/v	PPLNT A	408	60.0	99.0	99.0	40.0
						Mean =	63.8	98.0	99.0	37.5

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PREPLANT BURNDOWN WEED CONTROL

Trial ID: BN-01-22 Study Dir.: W. SHANNON/J. HAND/S.AKIN/R.VEAL
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Rating Unit

% = PERCENT