

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP			
Trial ID:	BD-01B-21	Study Dir.:	SCOTT AKIN
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 to Measure	Product	Diluent	Rep 1	2	3	4
1	NTC								-	101	203	302	404
2	REVITON MSO	2.83	SC	2.0 oz/a 1.0 % v/v	POST A POST A		1.562 mL/mx 15.0 mL/mx		1483.4 mL	102	204	303	406
3	REVITON ROUNDUP POWERMAX 3 MSO	2.83 5.88	SC SL	1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A		0.7812 mL/mx 17.19 mL/mx 15.0 mL/mx		1467.0 mL	103	201	304	403
4	SHARPEN ROUNDUP POWERMAX 3 MSO	2.85 5.88	SC SL	1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A		0.7812 mL/mx 17.19 mL/mx 15.0 mL/mx		1467.0 mL	104	205	306	402
5	REVITON ROUNDUP POWERMAX 3 VALOR SX MSO	2.83 5.88 51	SC SL WG	1.0 oz/a 22.0 oz/a 2.0 oz/a 1.0 % v/v	POST A POST A POST A POST A		0.7812 mL/mx 17.19 mL/mx 1.498 g/mx 15.0 mL/mx		1465.5 mL	105	206	301	405
6	ROUNDUP POWERMAX 3 VALOR SX ENLIST ONE	5.88 51 3.8	SL WG SL	22.0 oz/a 2.0 oz/a 16.0 oz/a	POST A POST A POST A		17.19 mL/mx 1.498 g/mx 12.5 mL/mx		1468.8 mL	106	202	305	401

Sort Order: Treatment

Trial Comments
<p>LAST TILLAGE ON 01/19/21</p> <p>REVITON (TIAFENACIL)</p> <p>MSO = MES 100 (DREXEL)</p> <p><b><u>SUMMARY:</u></b></p> <p>1) GENERALLY, WEED CONTROL WITH REVITON + ROUNDUP POWERMAX3 WAS EQUIVALENT TO OTHER COMMON BURNDOWNS SUCH AS SHARPEN + ROUNDUP POWERMAX3 OR VALOR + ENLIST ONE + ROUNDUP POWERMAX3.</p> <p>2) NONE OF THE BURNDOWN TREATMENTS PROVIDED ACCEPTABLE CONTROL OF WILD RADISH AT ANY TIME (&lt;70% CONTROL). AT 14 AND 21 DAT, ROUNDUP POWERMAX 3 + VALOR + ENLIST ONE WAS MORE EFFECTIVE THAN REVITON + ROUNDUP POWERMAX3. AT 35 DAT, NO DIFFERENCES IN WILD RADISH CONTROL BETWEEN THESE TREATMENTS WAS OBSERVED.</p> <p>3) REVITON ALONE DID NOT CONTROL CORN SPURRY OR CHICKWEED (&lt;64% CONTROL).</p>

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS  
 WITH REVITON - BAREGROUND/NON-CROP  
 Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN  
 Location: PONDER FARM Investigator: Eric P. Prostko

**GENERAL TRIAL INFORMATION**

**Study Director:** SCOTT AKIN **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.** RAPRA WILD RADISH **2.** LAMAM HENBIT  
**Weed 3.** STESP COMMON/MOUSE-EAR CHICKWEED **4.** SPRAR CORN SPURRY  
**Weed 5.** RUMAA RED SORREL **6.** \_\_\_\_\_

**Crop 1:** \_\_\_\_\_ **Variety:** \_\_\_\_\_ **Planting Date:** \_\_\_\_\_  
**Planting Method:** \_\_\_\_\_ **Rate:** \_\_\_\_\_ **Depth:** \_\_\_\_\_  
**Perennial Age:** \_\_\_\_\_ **Row Spacing:** \_\_\_\_\_ **Seed Bed:** \_\_\_\_\_  
**Soil Temperature:** \_\_\_\_\_ **Soil Moisture:** \_\_\_\_\_ **Emergence Date:** \_\_\_\_\_

**Plot Width, Unit:** 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4  
**Site Type:** \_\_\_\_\_  
**Tillage Type:** \_\_\_\_\_ **Study Design:** RACOB  
**Trial Initiation Comments:** \_\_\_\_\_

---

**Previous: Crops Pesticides Year**  
 1. FALLOW \_\_\_\_\_ 2020

**MAINTENANCE**

**Field Prep./Maintenance:** \_\_\_\_\_

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

**SOIL DESCRIPTION**

**Texture:** SAND **% OM:** 0.53 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2  
**pH:** 6.0 **CEC:** 2.6 **Soil Name:** FUQUAY **Fertility Level:** GOOD

**MOISTURE CONDITIONS**

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Mar-24-21	_____	0.4	_____	IN SPRINKLER - LATERAL MOVE	_____	_____
2. Mar-28-21	_____	0.1	_____	IN RAINFALL	_____	_____
3. Mar-31-21	_____	0.8	_____	IN RAINFALL	_____	_____
4. Apr-9-21	_____	0.27	_____	IN RAINFALL	_____	_____
5. Apr-10-21	_____	0.05	_____	IN RAINFALL	_____	_____
6. Apr-11-21	_____	0.08	_____	IN RAINFALL	_____	_____
7.	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____

**Overall Moisture Conditions:** \_\_\_\_\_  
**Closest Weather Station:** \_\_\_\_\_ **Distance:** \_\_\_\_\_ **Unit:** \_\_\_\_\_

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS  
 WITH REVITON - BAREGROUND/NON-CROP  
 Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN  
 Location: PONDER FARM Investigator: Eric P. Prostko

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	Mar-23-21	_____	_____	_____	_____	_____	_____
Time of Day:	7:52 AM	_____	_____	_____	_____	_____	_____
Application Method:	BROADCAST	_____	_____	_____	_____	_____	_____
Application Timing:	POST	_____	_____	_____	_____	_____	_____
Applic. Placement:	FOLIAGE	_____	_____	_____	_____	_____	_____
Air Temp., Unit:	56 F	_____	_____	_____	_____	_____	_____
% Relative Humidity:	93	_____	_____	_____	_____	_____	_____
Wind Velocity, Unit:	2 MPH	_____	_____	_____	_____	_____	_____
Dew Presence (Y/N):	Y	_____	_____	_____	_____	_____	_____
Water Hardness:	--	_____	_____	_____	_____	_____	_____
Soil Temp., Unit:	59.6 F	_____	_____	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	_____	_____	_____	_____	_____	_____
% Cloud Cover:	100	_____	_____	_____	_____	_____	_____

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1 Stage:	_____	_____	_____	_____	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____	_____
Height, Unit:	_____	_____	_____	_____	_____	_____	_____

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:	RAPRA 2-15"	_____	_____	_____	_____	_____	_____
Stage Scale:	flowering	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____
Weed 2 Stage:	LAMAM 3-6"	_____	_____	_____	_____	_____	_____
Stage Scale:	flowering	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____
Weed 3 Stage:	STESP 3-5"	_____	_____	_____	_____	_____	_____
Stage Scale:	flowering	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____
Weed 4 Stage:	SPRAR 2-4"	_____	_____	_____	_____	_____	_____
Stage Scale:	flowering	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____
Weed 5 Stage:	RUMAA 12-13"	_____	_____	_____	_____	_____	_____
Stage Scale:	flowering	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	35	_____	_____	_____	_____	_____	_____
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

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						RAPRA	STEME	SPRAR	Rapra	Steme	
Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN						-----	-----	-----	-----	-----	
Location: PONDER FARM Investigator: Eric P. Prostko						CONTROL	CONTROL	CONTROL	Control	Control	
						PERCENT	PERCENT	PERCENT	Percent	Percent	
						Mar-26-21	Mar-26-21	Mar-26-21	Mar-30-21	Mar-30-21	
						3 DA-A	3 DA-A	3 DA-A	7 DA-A	7 DA-A	
Weed Code						1	2	3	4	5	
Crop Code											
Rating Data Type											
Rating Unit											
Rating Date											
Trt-Eval Interval											
Trt Treatment	Form	Form	Rate	Grow	Appl						
No. Name	Conc	Type	Rate	Unit	Stg	Code					
1 NTC							0.0 b	0.0 d	0.0 c	0.0 c	
2 REVITON	2.83	SC	2.0 oz/a	POST	A		17.5 a	57.5 c	63.8 b	63.8 a	
MSO			1.0 % v/v	POST	A					60.0 b	
3 REVITON	2.83	SC	1.0 oz/a	POST	A		17.5 a	65.0 bc	75.0 a	66.3 a	
ROUNDUP POWERMAX 3	5.88	SL	22.0 oz/a	POST	A					82.5 a	
MSO			1.0 % v/v	POST	A						
4 SHARPEN	2.85	SC	1.0 oz/a	POST	A		22.5 a	75.0 a	80.0 a	62.5 ab	
ROUNDUP POWERMAX 3	5.88	SL	22.0 oz/a	POST	A					85.0 a	
MSO			1.0 % v/v	POST	A						
5 REVITON	2.83	SC	1.0 oz/a	POST	A		25.0 a	72.5 ab	77.5 a	66.3 a	
ROUNDUP POWERMAX 3	5.88	SL	22.0 oz/a	POST	A					88.8 a	
VALOR SX	51	WG	2.0 oz/a	POST	A						
MSO			1.0 % v/v	POST	A						
6 ROUNDUP POWERMAX 3	5.88	SL	22.0 oz/a	POST	A		17.5 a	61.3 c	63.8 b	57.5 b	
VALOR SX	51	WG	2.0 oz/a	POST	A					85.0 a	
ENLIST ONE	3.8	SL	16.0 oz/a	POST	A						
LSD P=.10							8.47	8.76	10.79	5.57	7.94
Standard Deviation							6.83	7.07	8.71	4.50	6.41
CV							40.99	12.8	14.51	8.53	9.58
Grand Mean							16.67	55.21	60.00	52.71	66.88
Bartlett's X2^							5.032	6.254	5.374	6.361	2.317
P(Bartlett's X2)							0.412	0.282	0.372	0.273	0.804

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 11,12,14,15 because error mean square = 0.  
^Calculated from residual.

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						
Trial ID: BD-01B-21		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	Sprar	Rapra	Steme	Sprar	Rapra	Steme
Crop Code	-----	-----	-----	-----	-----	-----
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	Mar-30-21	Apr-6-21	Apr-6-21	Apr-6-21	Apr-13-21	Apr-13-21
Trt-Eval Interval	7 DA-A	14 DA-A	14 DA-A	14 DA-A	21 DA-A	21 DA-A
Trt Treatment	Form	Form	Rate	Grow	Appl	
No. Name	Conc	Type	Rate Unit	Stg	Code	
1 NTC						
2 REVITON MSO	2.83 SC		2.0 oz/a 1.0 % v/v	POST A POST A		
3 REVITON ROUNDUP POWERMAX 3 MSO	2.83 SC 5.88 SL		1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A		
4 SHARPEN ROUNDUP POWERMAX 3 MSO	2.85 SC 5.88 SL		1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A		
5 REVITON ROUNDUP POWERMAX 3 VALOR SX MSO	2.83 SC 5.88 SL 51 WG		1.0 oz/a 22.0 oz/a 2.0 oz/a 1.0 % v/v	POST A POST A POST A POST A		
6 ROUNDUP POWERMAX 3 VALOR SX ENLIST ONE	5.88 SL 51 WG 3.8 SL		22.0 oz/a 2.0 oz/a 16.0 oz/a	POST A POST A POST A		
LSD P=.10	6.43	4.38	4.37	4.12	8.19	.
Standard Deviation	5.19	3.54	3.53	3.32	6.60	0.00
CV	7.08	7.25	4.73	4.44	18.65	0.0
Grand Mean	73.33	48.75	74.63	74.79	35.42	66.00
Bartlett's X2^	11.923	1.778	25.501	21.517	7.007	.
P(Bartlett's X2)	0.036*	0.879	0.00*	0.001*	0.22	.

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 11,12,14,15 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP											
Trial ID:		BD-01B-21		Study Dir.:		SCOTT AKIN					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	Sprar ----- Control Percent Apr-13-21 21 DA-A	Rapra ----- Control Percent Apr-27-21 35 DA-A	Steme ----- Control Percent Apr-27-21 35 DA-A	Sprar ----- Control Percent Apr-27-21 35 DA-A		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	12	13	14	15
1	NTC							0.0 b	0.0 b	0.0 b	0.0 b
2	REVITON MSO	2.83	SC	2.0 oz/a 1.0 % v/v	POST A POST A			0.0 b	0.0 b	0.0 b	0.0 b
3	REVITON ROUNDUP POWERMAX 3 MSO	2.83 5.88	SC SL	1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A			99.0 a	15.0 a	99.0 a	99.0 a
4	SHARPEN ROUNDUP POWERMAX 3 MSO	2.85 5.88	SC SL	1.0 oz/a 22.0 oz/a 1.0 % v/v	POST A POST A POST A			99.0 a	18.8 a	99.0 a	99.0 a
5	REVITON ROUNDUP POWERMAX 3 VALOR SX MSO	2.83 5.88 51	SC SL WG	1.0 oz/a 22.0 oz/a 2.0 oz/a 1.0 % v/v	POST A POST A POST A POST A			99.0 a	20.0 a	99.0 a	99.0 a
6	ROUNDUP POWERMAX 3 VALOR SX ENLIST ONE	5.88 51 3.8	SL WG SL	22.0 oz/a 2.0 oz/a 16.0 oz/a	POST A POST A POST A			99.0 a	20.0 a	99.0 a	99.0 a
LSD P=.10								.	7.67	.	.
Standard Deviation								0.00	6.19	0.00	0.00
CV								0.0	50.33	0.0	0.0
Grand Mean								66.00	12.29	66.00	66.00
Bartlett's X2^								.	5.392	.	.
P(Bartlett's X2)								.	0.37	.	.

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 11,12,14,15 because error mean square = 0.  
^Calculated from residual.

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						
Trial ID:	BD-01B-21	Study Dir.:	SCOTT AKIN			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For RAPRA ----- CONTROL PERCENT Mar-26-21 3 DA-A (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	2733.333333				
Replicate	3	500.000000	166.666667	3.571	0.0396	
Treatment	5	1533.333333	306.666667	6.571	0.0020	
Error	15	700.000000	46.666667			
Randomized Complete Block (RCB) AOV For STEME ----- CONTROL PERCENT Mar-26-21 3 DA-A (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	16373.958333				
Replicate	3	119.791667	39.930556	0.800	0.5131	
Treatment	5	15505.208333	3101.041667	62.107	0.0001	
Error	15	748.958333	49.930556			
Randomized Complete Block (RCB) AOV For SPRAR ----- CONTROL PERCENT Mar-26-21 3 DA-A (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	19450.000000				
Replicate	3	75.000000	25.000000	0.330	0.8040	
Treatment	5	18237.500000	3647.500000	48.099	0.0001	
Error	15	1137.500000	75.833333			
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Mar-30-21 7 DA-A (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	13898.958333				
Replicate	3	53.125000	17.708333	0.876	0.4753	
Treatment	5	13542.708333	2708.541667	134.031	0.0001	
Error	15	303.125000	20.208333			
Randomized Complete Block (RCB) AOV For Steme ----- Control Percent Mar-30-21 7 DA-A (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	24690.625000				
Replicate	3	478.125000	159.375000	3.883	0.0308	
Treatment	5	23596.875000	4719.375000	114.990	0.0001	
Error	15	615.625000	41.041667			
Randomized Complete Block (RCB) AOV For Sprar ----- Control Percent Mar-30-21 7 DA-A (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	27333.333333				
Replicate	3	58.333333	19.444444	0.722	0.5545	
Treatment	5	26870.833333	5374.166667	199.454	0.0001	
Error	15	404.166667	26.944444			
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Apr-6-21 14 DA-A (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	12412.500000				
Replicate	3	87.500000	29.166667	2.333	0.1153	
Treatment	5	12137.500000	2427.500000	194.200	0.0001	
Error	15	187.500000	12.500000			
Randomized Complete Block (RCB) AOV For Steme ----- Control Percent Apr-6-21 14 DA-A (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	33335.625000				
Replicate	3	6.125000	2.041667	0.164	0.9189	
Treatment	5	33142.875000	6628.575000	532.772	0.0001	
Error	15	186.625000	12.441667			
Randomized Complete Block (RCB) AOV For Sprar ----- Control Percent Apr-6-21 14 DA-A (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	33513.958333				
Replicate	3	15.125000	5.041667	0.457	0.7166	
Treatment	5	33333.208333	6666.641667	603.771	0.0001	
Error	15	165.625000	11.041667			
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Apr-13-21 21 DA-A (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	11645.833333				
Replicate	3	470.833333	156.944444	3.599	0.0387	
Treatment	5	10520.833333	2104.166667	48.248	0.0001	
Error	15	654.166667	43.611111			

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						
Trial ID:	BD-01B-21	Study Dir.:	SCOTT AKIN			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Steme ----- Control Percent Apr-13-21 21 DA-A (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	52272.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	5	52272.000000	10454.400000	0.000	1.0000	
Error	15	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Sprar ----- Control Percent Apr-13-21 21 DA-A (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	52272.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	5	52272.000000	10454.400000	0.000	1.0000	
Error	15	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Apr-27-21 35 DA-A (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	2898.958333				
Replicate	3	444.791667	148.263889	3.875	0.0310	
Treatment	5	1880.208333	376.041667	9.828	0.0003	
Error	15	573.958333	38.263889			
Randomized Complete Block (RCB) AOV For Steme ----- Control Percent Apr-27-21 35 DA-A (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	52272.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	5	52272.000000	10454.400000	0.000	1.0000	
Error	15	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Sprar ----- Control Percent Apr-27-21 35 DA-A (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	23	52272.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	5	52272.000000	10454.400000	0.000	1.0000	
Error	15	0.000000	0.000000			
<b>Weed Code</b>						
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.						
STEME = CHICKWEED, COMMON / STELLARIA MEDIA (L.) VILL./CYR.						
SPRAR = SPURRY, CORN / SPERGULA ARVENSIS L.						



# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						RAPRA	STEME	SPRAR	Rapra	Steme				
Trial ID: BD-01B-21      Study Dir.: SCOTT AKIN Location: PONDER FARM      Investigator: Eric P. Prostko						-----	-----	-----	-----	-----				
Weed Code						CONTROL	CONTROL	CONTROL	Control	Control				
Crop Code						PERCENT	PERCENT	PERCENT	Percent	Percent				
Rating Data Type						Mar-26-21	Mar-26-21	Mar-26-21	Mar-30-21	Mar-30-21				
Rating Unit						3 DA-A	3 DA-A	3 DA-A	7 DA-A	7 DA-A				
Rating Date														
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Appl Code	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	
							302			0.0	0.0	0.0	0.0	
							404			0.0	0.0	0.0	0.0	
							Mean =			0.0	0.0	0.0	0.0	
2	REVITON MSO	2.83 SC		2.0 oz/a	POST A	POST A	102		30.0	65.0	65.0	65.0	65.0	
				1.0 % v/v	POST A	POST A	204		10.0	50.0	65.0	65.0	65.0	
							303		20.0	65.0	75.0	60.0	50.0	
							406		10.0	50.0	50.0	65.0	60.0	
							Mean =		17.5	57.5	63.8	63.8	60.0	
3	REVITON ROUNDUP POWERMAX 3 MSO	2.83 SC		1.0 oz/a	POST A	POST A	103		30.0	65.0	75.0	75.0	75.0	
		5.88 SL		22.0 oz/a	POST A	POST A	201		10.0	65.0	65.0	60.0	95.0	
				1.0 % v/v	POST A	POST A	304		20.0	65.0	75.0	65.0	85.0	
							403		10.0	65.0	85.0	65.0	75.0	
							Mean =		17.5	65.0	75.0	66.3	82.5	
4	SHARPEN ROUNDUP POWERMAX 3 MSO	2.85 SC		1.0 oz/a	POST A	POST A	104		30.0	75.0	75.0	65.0	75.0	
		5.88 SL		22.0 oz/a	POST A	POST A	205		20.0	85.0	85.0	60.0	95.0	
				1.0 % v/v	POST A	POST A	306		20.0	75.0	75.0	65.0	75.0	
							402		20.0	65.0	85.0	60.0	95.0	
							Mean =		22.5	75.0	80.0	62.5	85.0	
5	REVITON ROUNDUP POWERMAX 3 VALOR SX MSO	2.83 SC		1.0 oz/a	POST A	POST A	105		40.0	85.0	85.0	75.0	85.0	
		5.88 SL		22.0 oz/a	POST A	POST A	206		20.0	65.0	85.0	60.0	95.0	
				2.0 oz/a	POST A	POST A	301		30.0	75.0	75.0	65.0	90.0	
		51 WG		1.0 % v/v	POST A	POST A	405		10.0	65.0	65.0	65.0	85.0	
							Mean =		25.0	72.5	77.5	66.3	88.8	
6	ROUNDUP POWERMAX 3 VALOR SX ENLIST ONE	5.88 SL		22.0 oz/a	POST A	POST A	106		10.0	50.0	50.0	50.0	85.0	
				2.0 oz/a	POST A	POST A	202		20.0	65.0	65.0	60.0	95.0	
		3.8 SL		16.0 oz/a	POST A	POST A	305		20.0	65.0	75.0	60.0	75.0	
							401		20.0	65.0	65.0	60.0	85.0	
							Mean =		17.5	61.3	63.8	57.5	85.0	

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						Sprar	Rapra	Steme	Sprar	Rapra	
Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN						-----	-----	----	----	-----	
Location: PONDER FARM Investigator: Eric P. Prostko						Control	Control	Control	Control	Control	
Rating Data Type						Percent	Percent	Pecent	Percent	Percent	
Rating Unit						Mar-30-21	Apr-6-21	Apr-6-21	Apr-6-21	Apr-13-21	
Rating Date						7 DA-A	14 DA-A	14 DA-A	14 DA-A	21 DA-A	
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code 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
						404	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	REVITON MSO	2.83 SC		2.0 oz/a	POST A	102	75.0	50.0	65.0	65.0	30.0
				1.0 % v/v	POST A	204	65.0	50.0	50.0	50.0	20.0
						303	85.0	50.0	50.0	50.0	30.0
						406	70.0	50.0	50.0	50.0	20.0
						Mean =	73.8	50.0	53.8	53.8	25.0
3	REVITON	2.83 SC		1.0 oz/a	POST A	103	85.0	60.0	95.0	95.0	50.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	201	95.0	50.0	99.0	99.0	30.0
	MSO			1.0 % v/v	POST A	304	85.0	60.0	99.0	99.0	30.0
						403	95.0	60.0	99.0	99.0	30.0
						Mean =	90.0	57.5	98.0	98.0	35.0
4	SHARPEN	2.85 SC		1.0 oz/a	POST A	104	90.0	60.0	95.0	99.0	50.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	205	95.0	50.0	99.0	99.0	20.0
	MSO			1.0 % v/v	POST A	306	95.0	50.0	99.0	99.0	30.0
						402	95.0	60.0	99.0	99.0	30.0
						Mean =	93.8	55.0	98.0	99.0	32.5
5	REVITON	2.83 SC		1.0 oz/a	POST A	105	90.0	75.0	99.0	99.0	75.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	206	95.0	65.0	99.0	99.0	60.0
	VALOR SX	51 WG		2.0 oz/a	POST A	301	90.0	65.0	99.0	99.0	65.0
	MSO			1.0 % v/v	POST A	405	95.0	65.0	99.0	99.0	60.0
						Mean =	92.5	67.5	99.0	99.0	65.0
6	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	106	85.0	60.0	99.0	99.0	50.0
	VALOR SX	51 WG		2.0 oz/a	POST A	202	95.0	60.0	99.0	99.0	60.0
	ENLIST ONE	3.8 SL		16.0 oz/a	POST A	305	95.0	65.0	99.0	99.0	60.0
						401	85.0	65.0	99.0	99.0	50.0
						Mean =	90.0	62.5	99.0	99.0	55.0

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS WITH REVITON - BAREGROUND/NON-CROP						Steme	Sprar	Rapra	Steme	Sprar	
Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN						-----	-----	-----	-----	-----	
Location: PONDER FARM Investigator: Eric P. Prostko						Control	Control	Control	Control	Control	
Rating Data Type						Percent	Percent	Percent	Percent	Percent	
Rating Unit						Apr-13-21	Apr-13-21	Apr-27-21	Apr-27-21	Apr-27-21	
Rating Date						21 DA-A	21 DA-A	35 DA-A	35 DA-A	35 DA-A	
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	11	12	13	14	15
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
						404	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	REVITON MSO	2.83 SC		2.0 oz/a	POST A	102	0.0	0.0	0.0	0.0	0.0
				1.0 % v/v	POST A	204	0.0	0.0	0.0	0.0	0.0
						303	0.0	0.0	0.0	0.0	0.0
						406	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
3	REVITON	2.83 SC		1.0 oz/a	POST A	103	99.0	99.0	20.0	99.0	99.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	201	99.0	99.0	0.0	99.0	99.0
	MSO			1.0 % v/v	POST A	304	99.0	99.0	20.0	99.0	99.0
						403	99.0	99.0	20.0	99.0	99.0
						Mean =	99.0	99.0	15.0	99.0	99.0
4	SHARPEN	2.85 SC		1.0 oz/a	POST A	104	99.0	99.0	20.0	99.0	99.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	205	99.0	99.0	10.0	99.0	99.0
	MSO			1.0 % v/v	POST A	306	99.0	99.0	25.0	99.0	99.0
						402	99.0	99.0	20.0	99.0	99.0
						Mean =	99.0	99.0	18.8	99.0	99.0
5	REVITON	2.83 SC		1.0 oz/a	POST A	105	99.0	99.0	20.0	99.0	99.0
	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	206	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51 WG		2.0 oz/a	POST A	301	99.0	99.0	20.0	99.0	99.0
	MSO			1.0 % v/v	POST A	405	99.0	99.0	20.0	99.0	99.0
						Mean =	99.0	99.0	20.0	99.0	99.0
6	ROUNDUP POWERMAX 3	5.88 SL		22.0 oz/a	POST A	106	99.0	99.0	30.0	99.0	99.0
	VALOR SX	51 WG		2.0 oz/a	POST A	202	99.0	99.0	0.0	99.0	99.0
	ENLIST ONE	3.8 SL		16.0 oz/a	POST A	305	99.0	99.0	30.0	99.0	99.0
						401	99.0	99.0	20.0	99.0	99.0
						Mean =	99.0	99.0	20.0	99.0	99.0

# University of Georgia

PREPLANT BURNDOWN WEED CONTROL PROGRAMS  
WITH REVITON - BAREGROUND/NON-CROP  
Trial ID: BD-01B-21 Study Dir.: SCOTT AKIN  
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code  
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.  
STEME = CHICKWEED, COMMON / STELLARIA MEDIA (L.) VILL./CYR.  
SPRAR = SPURRY, CORN / SPERGULA ARVENSIS L.