

University of Georgia

TROPICAL SPIDERWORT CONTROL

BAREGROUND

Trial ID: TSW-01-22 Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM
 Location: SUMTER COUNTY Investigator: Eric P. Prostko

Reps: 3

Plots: 7 by 25 feet

Appl. Amount: 15 GAL/AC

Mix Size: 1.5 L (total for 3 plots; minimum=0.6843 L)

Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Amt to Measure	Diluent	Rep 1	2	3
1	STRONGARM INDUCE	84	WG	0.45 oz/a 0.25 % v/v		POST1 A POST1 A		0.337 g/mx 3.75 mL/mx	1495.9 mL	101	219	320
2	STRONGARM INDUCE	84	WG	0.30 oz/a 0.25 % v/v		POST1 A POST1 A		0.2247 g/mx 3.75 mL/mx	1496.0 mL	102	204	318
3	GRAMOXONE STORM DUAL MAGNUM	2 SL 4 SL 7.62 EC		12.0 oz/a 16.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A		9.375 mL/mx 12.5 mL/mx 12.5 mL/mx	1465.6 mL	103	215	317
4	GRAMOXONE STORM OUTLOOK	2 SL 4 SL 6 EC		12.0 oz/a 16.0 oz/a 12.8 oz/a		POST1 A POST1 A POST1 A		9.375 mL/mx 12.5 mL/mx 10.0 mL/mx	1468.1 mL	104	205	319
5	GRAMOXONE STORM WARRANT INDUCE	2 SL 4 SL 3 ME		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A		9.375 mL/mx 12.5 mL/mx 37.5 mL/mx 3.75 mL/mx	1436.9 mL	105	214	305
6	GRAMOXONE STORM ZIDUA INDUCE	2 SL 4 SL 4.17 SC		12.0 oz/a 16.0 oz/a 2.5 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A		9.375 mL/mx 12.5 mL/mx 1.953 mL/mx 3.75 mL/mx	1472.4 mL	106	201	314
7	GRAMOXONE STORM ANTHEM FLEX INDUCE	2 SL 4 SL 4 SC		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A		9.375 mL/mx 12.5 mL/mx 2.344 mL/mx 3.75 mL/mx	1472.0 mL	107	213	308
8	ROUNDUP PMAX3 PURSUIT	5.88 SL 2 AS		25.0 oz/a 4.0 oz/a		POST1 A POST1 A		19.53 mL/mx 3.125 mL/mx	1477.3 mL	108	202	307
9	ROUNDUP PMAX3 CLASSIC	5.88 SL 25 DG		25.0 oz/a 0.5 oz/a		POST1 A POST1 A		19.53 mL/mx 0.3745 g/mx	1480.1 mL	109	218	306
10	ROUNDUP PMAX3 FIRSTRATE	5.88 SL 84 WG		25.0 oz/a 0.3 oz/a		POST1 A POST1 A		19.53 mL/mx 0.2247 g/mx	1480.2 mL	110	220	301
11	LAUDIS AGRIDEX	3.5 SC		3.0 oz/a 1.0 % v/v		POST1 A POST1 A		2.344 mL/mx 15.0 mL/mx	1482.7 mL	111	207	309
12	IMPACT AGRIDEX	2.87 SC		1.25 oz/a 1.0 % v/v		POST1 A POST1 A		0.9766 mL/mx 15.0 mL/mx	1484.0 mL	112	208	316
13	SHIELDDEX AGRIDEX	3.33 SC		1.25 oz/a 1.0 % v/v		POST1 A POST1 A		0.9766 mL/mx 15.0 mL/mx	1484.0 mL	113	212	303
14	CALLISTO AGRIDEX	4 SC		3.0 oz/a 1.0 % v/v		POST1 A POST1 A		2.344 mL/mx 15.0 mL/mx	1482.7 mL	114	210	311
15	BROADLOOM AGRIDEX	4 SC		32.0 oz/a 1.0 % v/v		POST1 A POST1 A		25.0 mL/mx 15.0 mL/mx	1460 mL	115	217	304
16	GRAMOXONE STORM DUAL MAGNUM CADRE DUAL MAGNUM	2 SL 4 SL 7.62 EC 2 AS 7.62 EC		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B		9.375 mL/mx 12.5 mL/mx 12.5 mL/mx 3.125 mL/mx 12.5 mL/mx	1465.6 mL 1484.4 mL	116	206	312
17	GRAMOXONE STORM OUTLOOK CADRE OUTLOOK	2 SL 4 SL 6 EC 2 AS 6 EC		12.0 oz/a 16.0 oz/a 10.5 oz/a 4.0 oz/a 10.5 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B		9.375 mL/mx 12.5 mL/mx 8.203 mL/mx 3.125 mL/mx 8.203 mL/mx	1469.9 mL 1488.7 mL	117	209	310

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TROPICAL SPIDERWORT CONTROL												
BAREGROUND												
Trial ID: TSW-01-22			Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM									
Location: SUMTER COUNTY			Investigator: Eric P. Prostko									

Reps: 3

Plots: 7 by 25 feet

Appl. Amount: 15 GAL/AC

Mix Size: 1.5 L (total for 3 plots; minimum=0.6843 L)

Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	2	3
18	GRAMOXONE	2	SL	12.0 oz/a		POST1	A	9.375 mL/mx	1472.4 mL	118	203	313
	STORM	4	SL	16.0 oz/a		POST1	A	12.5 mL/mx				
	ZIDUA	4.17	SC	2.5 oz/a		POST1	A	1.953 mL/mx				
	INDUCE			0.25 % v/v		POST1	A	3.75 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST2	B	3.125 mL/mx	1491.2 mL			
	ZIDUA	4.17	SC	2.5 oz/a		POST2	B	1.953 mL/mx				
	INDUCE			0.25 % v/v		POST2	B	3.75 mL/mx				
19	ENLIST ONE	3.8	SL	32.0 oz/a		POST1	A	25.0 mL/mx	1475 mL	119	216	302
20	AIM	2	EC	1.5 oz/a		POST1	A	1.172 mL/mx	1483.8 mL	120	211	315
	AGRIDEX			1.0 % v/v		POST1	A	15.0 mL/mx				

Sort Order: Treatment

Trial Comments

COMBE DENSITY WAS ~ 3/FT2

STORM = ACIFLUORFEN (1.33 LBS/GAL) + BENTAZON (2.67 LBS/GAL)

ANTHEM FLEX = CARFENTRAZONE (0.267 LBS/GAL) + PYROXASULFONE (3.733 LBS/GAL))

MISSING DATA IN PLOT 306 DUE TO APPLICATION ERROR

A TRUE NTC WAS NOT INCLUDED IN TREATMENTS BUT BORDER BEDS AROUND TEST AND 1-2 FT UNTREATED AREAS (RUNNING CHECKS) IN BETWEEN PLOTS WERE USED TO VISUALLY ESTIMATE COMBE CONTROL.

TAPOUT 0.97SL @ 16 OZ/A + INDUCE @ 0.25% V/V WAS APPLIED OVER ALL PLOTS TO CONTROL GRASSES (08/05/22).

SUMMARY FROM RATINGS OBTAINED ON AUGUST 30 (35 DAYS AFTER POST1 AND 25 DAYS AFTER POST2):

- 1) STRONGARM AND BROADLOOM DID NOT CONTROL CARPETWEED (DATA NOT REPORTED).
- 2) STRONGARM @ 0.3 OZ/A OR 0.45 OZ/A + INDUCE PROVIDED AT LEAST 90% CONTROL OF COMBE.
- 3) SINGLE APPLICATIONS OF GRAMOXONE + STORM + OUTLOOK OR GRAMOXONE + STORM + ZIDUA WERE LESS EFFECTIVE THAN GRAMOXONE + STORM + WARRANT OR DUAL. WHEN SEQUENTIAL APPLICATIONS WERE APPLIED, THERE WAS NO DIFFERENCE IN CONTROL BETWEEN GROUP 15'S.
- 4) ROUNDUP + PURSUIT PROVIDED 88% CONTROL OF COMBE AND WAS MORE EFFECTIVE THAN ROUNDUP + CLASSIC (60% CONTROL) OR ROUNDUP + FIRSTRATE (63% CONTROL).
- 5) CALLISTO (72% CONTROL) WAS MORE ACTIVE ON COMBE THAN THE OTHER HPPD'S (LAUDIS - 0% CONTROL, IMPACT-43% CONTROL, SHIELDDEX-13% CONTROL).
- 6) INITIALLY, SINGLE APPLICATIONS OF ENLIST ONE OR AIM PROVIDED EXCELLENT CONTROL OF COMBE (91%+) BUT BY AUGUST 30, CONTROL DROPPED TO 53-67%. THIS RE-CONFIRMS PREVIOUS RESULTS THAT SPLIT APPLICATIONS OF THESE HERBICIDES ARE NEEDED FOR OPTIMUM COMBE CONTROL.
- 7) BROADLOOM (BENTAZONE) PROVIDED 77% CONTROL OF COMBE. IT WAS BETTER THAN ANTICIPATED.

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TROPICAL SPIDERWORT CONTROL

BAREGROUND

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 Location: SUMTER COUNTY Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BILL STARR

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: E

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.	COMBE	TR	OPICAL SPIDERWORT

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: 7 FT Plot Length, Unit: 25 FT Reps: 3

Site Type: _____

Tillage Type: _____ Study Design: RACOB

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.			

MAINTENANCE

Field Prep./Maintenance:

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

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BAREGROUND

Trial ID: TSW-01-22

Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM

Location: SUMTER 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	B
Application Date:	Jul-26-22	Aug-5-22
Time of Day:	10:15 AM	8:37 AM
Application Method:	BROADCAST	BROADCAST
Application Timing:	POST	POST2
Applic. Placement:	FOLIAGE	FOLIAGE
Air Temp., Unit:	85 F	78 F
% Relative Humidity:	67	86
Wind Velocity, Unit:	5 MPH	0 MPH
Dew Presence (Y/N):	N	N
Water Hardness:	--	--
Soil Temp., Unit:	85 F	F
Soil Moisture:		OPTIMUM
% Cloud Cover:	5	0

CROP STAGE AT EACH APPLICATION

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

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	COMBE,	COMBE,
Stage Scale:	1-3"	1-2"
Density, Unit:		

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TROPICAL SPIDERWORT CONTROL**BAREGROUND**

Trial ID: TSW-01-22

Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM

Location: SUMTER COUNTY

Investigator: Eric P. Prostko

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	SAME AS A
Operating Pressure:	35	
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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TROPICAL SPIDERWORT CONTROL BAREGROUND									
Trial ID: TSW-01-22		Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM							
Location: SUMTER COUNTY		Investigator: Eric P. Prostko							
Weed Code					Combe	Combe	Combe		
Crop Code					-----	-----	-----		
Part Rated									
Rating Data Type					Control	Control	Control		
Rating Unit					%	%	%		
Rating Date					Aug-5-22	Aug-17-22	Aug-30-22		
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate	Grow Unit	Appl Stg	Code	
1	STRONGARM INDUCE	84	WG	0.45 oz/a 0.25 % v/v		POST1 A POST1 A			
2	STRONGARM INDUCE	84	WG	0.30 oz/a 0.25 % v/v		POST1 A POST1 A			
3	GRAMOXONE STORM DUAL MAGNUM	2 SL 4 SL 7.62 EC		12.0 oz/a 16.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A			
4	GRAMOXONE STORM OUTLOOK	2 SL 4 SL 6 EC		12.0 oz/a 16.0 oz/a 12.8 oz/a		POST1 A POST1 A POST1 A			
5	GRAMOXONE STORM WARRANT INDUCE	2 SL 4 SL 3 ME		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A			
6	GRAMOXONE STORM ZIDUA INDUCE	2 SL 4 SL 4.17 SC		12.0 oz/a 16.0 oz/a 2.5 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A			
7	GRAMOXONE STORM ANTHEM FLEX INDUCE	2 SL 4 SL 4 SC		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A			
8	ROUNDUP PMAX3 PURSUIT	5.88 SL 2 AS		25.0 oz/a 4.0 oz/a		POST1 A POST1 A			
9	ROUNDUP PMAX3 CLASSIC	5.88 SL 25 DG		25.0 oz/a 0.5 oz/a		POST1 A POST1 A			
10	ROUNDUP PMAX3 FIRSTRATE	5.88 SL 84 WG		25.0 oz/a 0.3 oz/a		POST1 A POST1 A			
11	LAUDIS AGRIDEX	3.5 SC		3.0 oz/a 1.0 % v/v		POST1 A POST1 A			
12	IMPACT AGRIDEX	2.87 SC		1.25 oz/a 1.0 % v/v		POST1 A POST1 A			
13	SHIELDDEX AGRIDEX	3.33 SC		1.25 oz/a 1.0 % v/v		POST1 A POST1 A			
14	CALLISTO AGRIDEX	4 SC		3.0 oz/a 1.0 % v/v		POST1 A POST1 A			
15	BROADLOOM AGRIDEX	4 SC		32.0 oz/a 1.0 % v/v		POST1 A POST1 A			
16	GRAMOXONE STORM DUAL MAGNUM CADRE DUAL MAGNUM	2 SL 4 SL 7.62 EC 2 AS 7.62 EC		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B			
17	GRAMOXONE STORM OUTLOOK CADRE OUTLOOK	2 SL 4 SL 6 EC 2 AS 6 EC		12.0 oz/a 16.0 oz/a 10.5 oz/a 4.0 oz/a 10.5 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B			

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=1,2,3

^Calculated from residual.

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TROPICAL SPIDERWORT CONTROL										
BAREGROUND										
Trial ID: TSW-01-22		Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM								
Location: SUMTER COUNTY		Investigator: Eric P. Prostko								
Weed Code						Combe	Combe	Combe		
Crop Code						----	----	----		
Part Rated										
Rating Data Type						Control	Control	Control		
Rating Unit						%	%	%		
Rating Date						Aug-5-22	Aug-17-22	Aug-30-22		
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3
18	GRAMOXONE	2	SL	12.0 oz/a		POST1 A		95.0 a	99.0 a	97.7 a
	STORM	4	SL	16.0 oz/a		POST1 A				
	ZIDUA	4.17	SC	2.5 oz/a		POST1 A				
	INDUCE			0.25 % v/v		POST1 A				
	CADRE	2	AS	4.0 oz/a		POST2 B				
	ZIDUA	4.17	SC	2.5 oz/a		POST2 B				
	INDUCE			0.25 % v/v		POST2 B				
19	ENLIST ONE	3.8	SL	32.0 oz/a		POST1 A		91.7 ab	76.7 ef	66.7 def
20	AIM	2	EC	1.5 oz/a		POST1 A		95.0 a	71.7 fg	53.3 gh
	AGRIDEX			1.0 % v/v		POST1 A				
LSD P=.10						5.81	8.31	11.00		
Standard Deviation						4.22	6.03	7.98		
CV						5.21	7.46	11.03		
Grand Mean						81.04	80.92	72.38		
Bartlett's X2^						.	.	.		
P(Bartlett's X2)						.	.	.		

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=1,2,3

^Calculated from residual.

TROPICAL SPIDERWORT CONTROL BAREGROUND						
Trial ID: TSW-01-22		Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM				
Location: SUMTER COUNTY		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For Combe ----- Control % Aug-5-22 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	58	26966.145833				
Replicate	2	3.958333	1.979167	0.111	0.8951	
Treatment	19	26303.645833	1384.402412	77.782	0.0001	
Error	37	658.541667	17.798423			
Randomized Complete Block (RCB) AOV For Combe ----- Control % Aug-17-22 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	58	28614.583333				
Replicate	2	103.233333	51.616667	1.417	0.2552	
Treatment	19	27163.916667	1429.679825	39.258	0.0001	
Error	37	1347.433333	36.417117			
Randomized Complete Block (RCB) AOV For Combe ----- Control % Aug-30-22 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	58	45546.183333				
Replicate	2	60.933333	30.466667	0.478	0.6238	
Treatment	19	43126.850000	2269.834211	35.611	0.0001	
Error	37	2358.400000	63.740541			
Rating Unit % = PERCENT						

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BAREGROUND

Trial ID: TSW-01-22

Study Dir.: STARR/MCALLISTER/CREWS/R. PRIUM

Location: SUMTER COUNTY

Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								Combe ----- Control % Aug-5-22	Combe ----- Control % Aug-17-22	Combe ---- Control % Aug-30-22
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code Plot	1	2	3
1	STRONGARM INDUCE	84	WG	0.45 oz/a 0.25 % v/v		POST1 A POST1 A	101 219 320 Mean =	95.0 85.0 85.0 88.3	99.0 95.0 95.0 96.3	95.0 95.0 90.0 93.3
2	STRONGARM INDUCE	84	WG	0.30 oz/a 0.25 % v/v		POST1 A POST1 A	102 204 318 Mean =	90.0 75.0 85.0 83.3	99.0 85.0 95.0 93.0	95.0 85.0 90.0 90.0
3	GRAMOXONE STORM DUAL MAGNUM	2 4 7.62	SL SL EC	12.0 oz/a 16.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A	103 215 317 Mean =	95.0 95.0 95.0 95.0	95.0 99.0 99.0 97.7	95.0 90.0 95.0 93.3
4	GRAMOXONE STORM OUTLOOK	2 4 6	SL SL EC	12.0 oz/a 16.0 oz/a 12.8 oz/a		POST1 A POST1 A POST1 A	104 205 319 Mean =	95.0 95.0 95.0 95.0	90.0 90.0 95.0 91.7	65.0 85.0 90.0 80.0
5	GRAMOXONE STORM WARRANT INDUCE	2 4 3	SL SL ME	12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A	105 214 305 Mean =	95.0 90.0 95.0 93.3	99.0 95.0 99.0 97.7	99.0 85.0 95.0 93.0
6	GRAMOXONE STORM ZIDUA INDUCE	2 4 4.17	SL SL SC	12.0 oz/a 16.0 oz/a 2.5 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A	106 201 314 Mean =	90.0 95.0 95.0 93.3	99.0 85.0 95.0 93.0	85.0 70.0 85.0 80.0
7	GRAMOXONE STORM ANTHEM FLEX INDUCE	2 4 4	SL SL SC	12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A	107 213 308 Mean =	95.0 90.0 95.0 93.3	95.0 90.0 95.0 93.3	90.0 85.0 90.0 88.3
8	ROUNDUP PMAX3 PURSUIT	5.88 2	SL AS	25.0 oz/a 4.0 oz/a		POST1 A POST1 A	108 202 307 Mean =	55.0 55.0 65.0 58.3	85.0 65.0 65.0 71.7	90.0 85.0 90.0 88.3
9	ROUNDUP PMAX3 CLASSIC	5.88 25	SL DG	25.0 oz/a 0.5 oz/a		POST1 A POST1 A	109 218 306 Mean =	65.0 70.0 67.5	80.0 80.0 80.0	60.0 60.0 60.0
10	ROUNDUP PMAX3 FIRSTRATE	5.88 84	SL WG	25.0 oz/a 0.3 oz/a		POST1 A POST1 A	110 220 301 Mean =	65.0 65.0 65.0 65.0	65.0 65.0 65.0 65.0	60.0 65.0 65.0 63.3
11	LAUDIS AGRIDEX	3.5	SC	3.0 oz/a 1.0 % v/v		POST1 A POST1 A	111 207 309 Mean =	10.0 10.0 10.0 10.0	0.0 10.0 30.0 13.3	0.0 0.0 0.0 0.0
12	IMPACT AGRIDEX	2.87	SC	1.25 oz/a 1.0 % v/v		POST1 A POST1 A	112 208 316 Mean =	55.0 70.0 60.0 61.7	60.0 65.0 60.0 61.7	45.0 45.0 40.0 43.3

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Location: SUMTER COUNTY

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						Combe ----- Control % Aug-5-22	Combe ----- Control % Aug-17-22	Combe ----- Control % Aug-30-22
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code Plot	
1	2	3	4	5	6	7	8	9
13	SHIELDEX AGRIDEX	3.33	SC	1.25 oz/a 1.0 % v/v		POST1 A POST1 A	113 212 303 Mean =	55.0 65.0 65.0 61.7
								40.0 45.0 50.0 45.0
14	CALLISTO AGRIDEX	4	SC	3.0 oz/a 1.0 % v/v		POST1 A POST1 A	114 210 311 Mean =	95.0 95.0 85.0 91.7
								95.0 85.0 85.0 88.3
15	BROADLOOM AGRIDEX	4	SC	32.0 oz/a 1.0 % v/v		POST1 A POST1 A	115 217 304 Mean =	95.0 95.0 95.0 95.0
								85.0 95.0 80.0 86.7
16	GRAMOXONE STORM DUAL MAGNUM CADRE DUAL MAGNUM	2 4 7.62 2 7.62	SL SL EC AS EC	12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B	116 206 312 Mean =	95.0 95.0 90.0 93.3
								99.0 99.0 99.0 99.0
17	GRAMOXONE STORM OUTLOOK CADRE OUTLOOK	2 4 6 2 6	SL SL EC AS EC	12.0 oz/a 16.0 oz/a 10.5 oz/a 4.0 oz/a 10.5 oz/a		POST1 A POST1 A POST1 A POST2 B POST2 B	117 209 310 Mean =	95.0 90.0 95.0 93.3
								99.0 95.0 99.0 97.7
18	GRAMOXONE STORM ZIDUA INDUCE CADRE ZIDUA INDUCE	2 4 4.17 2 4.17	SL SL SC AS SC	12.0 oz/a 16.0 oz/a 2.5 oz/a 0.25 % v/v 4.0 oz/a 2.5 oz/a 0.25 % v/v		POST1 A POST1 A POST1 A POST1 A POST2 B POST2 B POST2 B	118 203 313 Mean =	95.0 95.0 95.0 95.0
								99.0 99.0 99.0 99.0
19	ENLIST ONE	3.8	SL	32.0 oz/a		POST1 A	119 216 302 Mean =	85.0 95.0 95.0 91.7
								85.0 75.0 70.0 76.7
20	AIM AGRIDEX	2	EC	1.5 oz/a 1.0 % v/v		POST1 A POST1 A	120 211 315 Mean =	95.0 95.0 95.0 95.0
								75.0 65.0 75.0 71.7
								50.0 50.0 60.0 53.3

Rating Unit

% = PERCENT