

University of Georgia

ENLIST VS. XTEND WEED CONTROL PROGRAMS
NON-CROP/BARE-GROUND

Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
1	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1450.3 mL	101	213	318	406
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	BRNDN	A	15 GPA	17.19 mL/mx					
	INTACT			0.5	% v/v	BRNDN	A	15 GPA	7.499 mL/mx					
2	LIBERTY	2.34	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1420.3 mL	102	206	308	419
	WARRANT	3	ME	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	BRNDN	A	15 GPA	17.19 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx					
INTACT			0.5	% v/v	POST	B	15 GAL/AC	7.499 mL/mx						
3	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1412.8 mL	103	214	315	409
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	BRNDN	A	15 GPA	17.19 mL/mx					
	INTACT			0.5	% v/v	BRNDN	A	15 GPA	7.499 mL/mx					
	WARRANT	3	ME	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
XTENDIMAX + VG	2.9	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx						
INTACT			0.5	% v/v	POST	B	15 GAL/AC	7.499 mL/mx						
4	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1437.5 mL	104	215	316	414
	WARRANT ULTRA	3.49	CS	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx					
	INTACT			0.5	% v/v	POST	B	15 GAL/AC	7.499 mL/mx					
5	XTENDIMAX + VG	2.9	SL	22.0	oz/a	BRNDN	A	15 GPA	17.19 mL/mx	1412.8 mL	105	212	307	417
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx					
	WARRANT ULTRA	3.49	CS	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	INTACT			0.5	% v/v	BRNDN	A	15 GPA	7.499 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
XTENDIMAX + VG	2.9	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx						
INTACT			0.5	% v/v	POST	B	15 GAL/AC	7.499 mL/mx						
6	VALOR SX	51	WG	2.0	oz/a	BRNDN	A	15 GPA	1.498 g/mx	1467.3 mL	106	217	312	413
	MAULER	4	SC	8.0	oz/a	BRNDN	A	15 GPA	6.249 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	XTENDIMAX + VG	2.9	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx					
INTACT			0.5	% v/v	POST	B	15 GAL/AC	7.499 mL/mx						
7	MON 119151	4	SL	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx	1462.5 mL	107	201	306	410
	MON 119151	4	SL	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
8	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1455.5 mL	108	216	304	420
	ENLIST ONE	3.8	SL	25.0	oz/a	BRNDN	A	15 GPA	19.53 mL/mx					
9	LIBERTY	2.34	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1418.0 mL	109	207	313	401
	WARRANT	3	ME	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	ENLIST ONE	3.8	SL	25.0	oz/a	BRNDN	A	15 GPA	19.53 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
ENLIST ONE	3.8	SL	25.0	oz/a	POST	B	15 GAL/AC	19.53 mL/mx						
10	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1437.5 mL	110	208	320	405
	WARRANT ULTRA	3.49	CS	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	ENLIST ONE	3.8	SL	25.0	oz/a	POST	B	15 GAL/AC	19.53 mL/mx					
11	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1418.0 mL	111	205	311	403
	WARRANT ULTRA	3.49	CS	48.0	oz/a	BRNDN	A	15 GPA	37.5 mL/mx					
	ENLIST ONE	3.8	SL	25.0	oz/a	BRNDN	A	15 GPA	19.53 mL/mx					
	ENLIST ONE	3.8	SL	25.0	oz/a	POST	B	15 GAL/AC	19.53 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
12	LIBERTY	2.34	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1455.5 mL	112	204	305	402
	ENLIST ONE	3.8	SL	25.0	oz/a	BRNDN	A	15 GPA	19.53 mL/mx					
13	ENLIST DUO	3.3	SL	64.0	oz/a	BRNDN	A	15 GPA	49.99 mL/mx	1450.0 mL	113	218	301	407
	ENLIST DUO	3.3	SL	64.0	oz/a	POST	B	15 GAL/AC	49.99 mL/mx					

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Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
14	BALANCE FLEX	2	SC	6.0	oz/a	BRNDN	A	15 GPA	4.687 mL/mx	1470.3 mL	114	211	303	418
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDWN	A	15 GPA	25.0 mL/mx					
	LIBERTY	2.34	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	N-PAK AMS			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
15	XTENDIMAX + VG	2.9	SL	22.0	oz/a	BRNDN	A	15 GPA	17.19 mL/mx	1450.3 mL	115	219	302	408
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx					
	INTACT			0.5	% v/v	BRNDN	A	15 GPA	7.499 mL/mx					
16	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx	1455.5 mL	116	209	319	404
	ENLIST ONE	3.8	SL	25.0	oz/a	BRNDN	A	15 GPA	19.53 mL/mx					
17	ENLIST DUO	3.3	SL	76.0	oz/a	BRNDN	A	15 GPA	59.37 mL/mx	1440.6 mL	117	203	309	411
	ENLIST DUO	3.3	SL	76.0	oz/a	POST	B	15 GAL/AC	59.37 mL/mx					
18	SONIC	70	DF	4.0	oz/a	BRNDN	A	15 GPA	2.996 g/mx	1472.0 mL	118	220	310	416
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	BRNDN	A	15 GPA	25.0 mL/mx					
	ENLIST DUO	3.3	SL	64.0	oz/a	POST	B	15 GAL/AC	49.99 mL/mx					
19	NTC									-	119	210	317	415
20	NTC									-	120	202	314	412

Sort Order: Treatment

Trial Comments

LAST TILLAGE ON APRIL 24, 2019

MON119151 = GLYPHOSATE + DICAMBA

TRT # 15 XTENDIMAX APPLICATION RATE WAS WRONG. SHOULD HAVE BEEN 44 OZ/A.

TRT #16: ENLIST ONE APPLICATION RATE WAS WRONG. SHOULD HAVE BEEN 32 OZ/A.

POST TIMING COMMENTS: WEED SIZE VARIED GREATLY DUE TO SUCCESS OF PRIOR BURNDOWN TRT.

SUMMARY:

1) THE MOST EFFECTIVE BURNDOWN TREATMENTS FOR PALMER AMARANTH WERE THOSE THAT INCLUDED LIBERTY OR WARRANT ULTRA OR VALOR OR SONIC. BURNDOWN APPLICATIONS OF ROUNDUP + XTENDIMAX OR ROUNDUP + ENLIST ONE WERE NOT ADEQUATE.

2) THE BEST PALMER AMARANTH AND WILD RADISH CONTROL PROGRAMS RESULTED FROM A COMBINATION OF BURNDOWN + POST APPLICATIONS. BURNDOWN APPLICATIONS ALONE DID NOT LAST LONG ENOUGH.

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Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: MARK BRAXTON (2019-01-B7-04) **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** RAPRA WILD RADISH
Weed 3. CYPSP NUTSEDGE **4.** DIGSP CRABGRASS

Crop 1: _____ NON-CROP **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: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: _____

Previous: Crops	Pesticides	Year
1. COTTON	2018	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.61 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.6 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On:	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-9-19	_____	0.195	IN	RAINFALL	_____	_____
2.	May-10-19	_____	0.11	IN	RAINFALL	_____	_____
3.	May-11-19	_____	0.65	IN	RAINFALL	_____	_____
4.	May-12-19	_____	0.27	IN	RAINFALL	_____	_____
5.	May-17-19	_____	0.62	IN	RAINFALL	_____	_____
6.	May-20-19	_____	0.3	IN	SPRINKLER - LATERAL MOVE	_____	_____
7.	May-30-19	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
8.	_____	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____	_____
11.	_____	_____	_____	_____	_____	_____	_____

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

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND

Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)
 Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

		A	B	C	D	E	F
Application Date:	May-9-19		May-24-19				
Time of Day:	7:30 AM		7:10 AM				
Application Method:	BROADCAST		BROADCAST				
Application Timing:	BRNDWN		POST				
Applic. Placement:	SOIL		FOLIAGE				
Air Temp., Unit:	67 F		66 F				
% Relative Humidity:	92		92				
Wind Velocity, Unit:	3 MPH		1 MPH				
Dew Presence (Y/N):	Y		Y				
Water Hardness:	--		--				
Soil Temp., Unit:	76 F		74 F				
Soil Moisture:	DRY		OPTIMUM				
% Cloud Cover:	0		0				

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:	AMAPA 1-6"		1-12"				
Stage Scale:							
Density, Unit:							
Weed 2 Stage:	RAPRA 1-3"		1-12"				
Stage Scale:							
Density, Unit:							
Weed 3 Stage:	CYPSP 4-6"		6-10"				
Stage Scale:							
Density, Unit:							
Weed 4 Stage:	DIGSP 1-4"		2-3"				
Stage Scale:							
Density, Unit:							

APPLICATION EQUIPMENT

		A	B	C	D	E	F
Appl. Equipment:	BACKPACK SAME AS A						
Operating Pressure:	38						
Nozzle Type:	TTI						
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.:							
Inc. 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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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND						AMAPA	RAPRA	DIGSP	AMAPA	RAPRA	AMAPA	RAPRA	
Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)						Control	Control	Control	Control	Control	Control	Control	
Location: PONDER FARM Investigator: Eric P. Prostko						Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Weed Code						May-13-19	May-13-19	May-13-19	May-21-19	May-21-19	Jun-4-19	Jun-4-19	
Crop Code													
Rating Data Type													
Rating Unit													
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
1	ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 2.9 SL		32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN	A A A	65.0 f	65.0 bcd	99.0 a	63.8 gh	52.5 e	53.8 f	50.0 c
2	LIBERTY WARRANT XTENDIMAX + VG ROUNDUP P-MAX XTENDIMAX + VG INTACT	2.34 SL 3 ME 2.9 SL 5.5 SL 2.9 SL		32.0 oz/a 48.0 oz/a 22.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN POST POST POST	A A A B B B	83.8 d	20.0 h	99.0 a	93.5 ab	22.5 f	89.8 abc	99.0 a
3	ROUNDUP P-MAX XTENDIMAX + VG INTACT WARRANT ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 2.9 SL 3 ME 5.5 SL 2.9 SL		32.0 oz/a 22.0 oz/a 0.5 % v/v 48.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN BRNDN POST POST POST	A A A A B B B	65.0 f	70.0 abc	99.0 a	65.0 fgh	56.3 e	85.0 cd	98.0 a
4	ROUNDUP P-MAX WARRANT ULTRA ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 3.49 CS 5.5 SL 2.9 SL		32.0 oz/a 48.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN POST POST POST	A A B B B	97.0 a	77.5 a	99.0 a	85.0 bc	98.0 a	87.5 bcd	99.0 a
5	XTENDIMAX + VG ROUNDUP P-MAX WARRANT ULTRA INTACT ROUNDUP P-MAX XTENDIMAX + VG INTACT	2.9 SL 5.5 SL 3.49 CS 5.5 SL 2.9 SL		22.0 oz/a 32.0 oz/a 48.0 oz/a 0.5 % v/v 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN BRNDN POST POST POST	A A A A B B B	93.5 abc	75.0 a	99.0 a	98.0 a	99.0 a	94.8 ab	99.0 a
6	VALOR SX MAULER ROUNDUP P-MAX ROUNDUP P-MAX XTENDIMAX + VG INTACT	51 WG 4 SC 5.5 SL 5.5 SL 2.9 SL		2.0 oz/a 8.0 oz/a 32.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN POST POST POST	A A A B B B	96.0 ab	65.0 bcd	99.0 a	97.0 a	98.0 a	98.0 a	99.0 a
7	MON 119151 MON 119151	4 SL 4 SL		48.0 oz/a 48.0 oz/a	BRNDN POST	A B	62.5 f	65.0 bcd	99.0 a	73.8 def	53.8 e	90.0 abc	99.0 a
8	ROUNDUP P-MAX ENLIST ONE	5.5 SL 3.8 SL		32.0 oz/a 25.0 oz/a	BRNDN BRNDN	A A	65.0 f	61.3 cde	99.0 a	70.0 d-g	70.0 cd	55.0 f	64.8 b
9	LIBERTY WARRANT ENLIST ONE ROUNDUP P-MAX ENLIST ONE	2.34 SL 3 ME 3.8 SL 5.5 SL 3.8 SL		32.0 oz/a 48.0 oz/a 25.0 oz/a 32.0 oz/a 25.0 oz/a	BRNDN BRNDN BRNDN POST POST	A A A B B	85.0 d	30.0 g	99.0 a	78.5 cd	52.5 e	91.3 abc	98.0 a
10	ROUNDUP P-MAX WARRANT ULTRA ROUNDUP P-MAX ENLIST ONE	5.5 SL 3.49 CS 5.5 SL 3.8 SL		32.0 oz/a 48.0 oz/a 32.0 oz/a 25.0 oz/a	BRNDN BRNDN POST POST	A A B B	92.0 abc	77.5 a	99.0 a	85.0 bc	99.0 a	85.0 cd	99.0 a
11	ROUNDUP P-MAX WARRANT ULTRA ENLIST ONE ENLIST ONE ROUNDUP P-MAX	5.5 SL 3.49 CS 3.8 SL 3.8 SL 5.5 SL		32.0 oz/a 48.0 oz/a 25.0 oz/a 25.0 oz/a 32.0 oz/a	BRNDN BRNDN BRNDN POST POST	A A A B B	90.0 bcd	75.0 a	99.0 a	94.5 a	99.0 a	96.0 ab	99.0 a
12	LIBERTY ENLIST ONE	2.34 SL 3.8 SL		32.0 oz/a 25.0 oz/a	BRNDN BRNDN	A A	76.3 e	25.0 gh	99.0 a	75.0 de	50.0 e	52.5 f	50.0 c
13	ENLIST DUO ENLIST DUO	3.3 SL 3.3 SL		64.0 oz/a 64.0 oz/a	BRNDN POST	A B	61.3 f	43.8 f	99.0 a	65.0 fgh	78.5 bc	76.3 e	99.0 a

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 3 because error mean square = 0.

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND							AMAPA	RAPRA	DIGSP	AMAPA	RAPRA	AMAPA	RAPRA
Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)							Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date		Control Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent
						May-13-19	May-13-19	May-13-19	May-21-19	May-21-19	Jun-4-19	Jun-4-19	Jun-4-19
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
14	BALANCE FLEX	2	SC	6.0 oz/a	BRNDN	A	47.5 g	70.0 abc	99.0 a	58.8 h	98.0 a	53.8 f	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDWN	A							
	LIBERTY	2.34	SL	32.0 oz/a	POST	B							
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B							
	N-PAK AMS			2.5 % v/v	POST	B							
15	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A	65.0 f	57.5 de	99.0 a	85.0 bc	52.5 e	52.5 f	50.0 c
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A							
	INTACT			0.5 % v/v	BRNDN	A							
16	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A	75.0 e	52.5 ef	99.0 a	76.3 cd	67.5 d	60.0 f	56.3 c
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A							
17	ENLIST DUO	3.3	SL	76.0 oz/a	BRNDN	A	65.0 f	65.0 bcd	99.0 a	66.3 e-h	82.5 b	85.0 cd	96.8 a
	ENLIST DUO	3.3	SL	76.0 oz/a	POST	B							
18	SONIC	70	DF	4.0 oz/a	BRNDN	A	87.5 cd	71.3 ab	99.0 a	71.3 d-g	99.0 a	80.0 de	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A							
	ENLIST DUO	3.3	SL	64.0 oz/a	POST	B							
19	NTC						0.0 h	0.0 i	0.0 b	0.0 i	0.0 g	0.0 g	0.0 d
20	NTC						0.0 h	0.0 i	0.0 b	0.0 i	0.0 g	0.0 g	0.0 d
LSD	P=.10						6.88	9.96	.	8.79	9.61	8.62	6.55
	Standard Deviation						5.82	8.42	0.00	7.43	8.12	7.29	5.54
	CV						8.49	15.8	0.0	10.61	12.23	10.52	7.13
	Grand Mean						68.61	53.31	89.10	70.08	66.43	69.30	77.69
	Bartlett's X2						17.044	13.698	0.00	21.309	33.932	26.374	23.544
	P(Bartlett's X2)						0.107	0.32	.	0.213	0.001*	0.068	0.001*

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 3 because error mean square = 0.

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND							AMAPA	RAPRA
Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)								
Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code							Control	Control
Crop Code							Percent	Percent
Rating Data Type							Jun-25-19	Jun-25-19
Rating Unit								
Rating Date								
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	8	9
1	ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 2.9 SL		32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN	A A A	31.3 fg	16.3 fg
2	LIBERTY WARRANT XTENDIMAX + VG ROUNDUP P-MAX XTENDIMAX + VG INTACT	2.34 SL 3 ME 2.9 SL 5.5 SL 2.9 SL		32.0 oz/a 48.0 oz/a 22.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN POST POST POST	A A A B B B	92.0 ab	67.5 cd
3	ROUNDUP P-MAX XTENDIMAX + VG INTACT WARRANT ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 2.9 SL 3 ME 5.5 SL 2.9 SL		32.0 oz/a 22.0 oz/a 0.5 % v/v 48.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN BRNDN POST POST POST	A A A A B B B	91.0 ab	75.0 bc
4	ROUNDUP P-MAX WARRANT ULTRA ROUNDUP P-MAX XTENDIMAX + VG INTACT	5.5 SL 3.49 CS 5.5 SL 2.9 SL		32.0 oz/a 48.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN POST POST POST	A A B B B	91.0 ab	97.0 a
5	XTENDIMAX + VG ROUNDUP P-MAX WARRANT ULTRA INTACT ROUNDUP P-MAX XTENDIMAX + VG INTACT	2.9 SL 5.5 SL 3.49 CS 5.5 SL 2.9 SL		22.0 oz/a 32.0 oz/a 48.0 oz/a 0.5 % v/v 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN BRNDN POST POST POST	A A A A B B B	97.0 a	97.0 a
6	VALOR SX MAULER ROUNDUP P-MAX ROUNDUP P-MAX XTENDIMAX + VG INTACT	51 WG 4 SC 5.5 SL 5.5 SL 2.9 SL		2.0 oz/a 8.0 oz/a 32.0 oz/a 32.0 oz/a 22.0 oz/a 0.5 % v/v	BRNDN BRNDN BRNDN POST POST POST	A A A B B B	98.0 a	91.3 ab
7	MON 119151 MON 119151	4 SL 4 SL		48.0 oz/a 48.0 oz/a	BRNDN POST	A B	90.0 ab	82.5 abc
8	ROUNDUP P-MAX ENLIST ONE	5.5 SL 3.8 SL		32.0 oz/a 25.0 oz/a	BRNDN BRNDN	A A	28.8 fg	33.8 ef
9	LIBERTY WARRANT ENLIST ONE ROUNDUP P-MAX ENLIST ONE	2.34 SL 3 ME 3.8 SL 5.5 SL 3.8 SL		32.0 oz/a 48.0 oz/a 25.0 oz/a 32.0 oz/a 25.0 oz/a	BRNDN BRNDN BRNDN POST POST	A A A B B	93.8 ab	91.3 ab
10	ROUNDUP P-MAX WARRANT ULTRA ROUNDUP P-MAX ENLIST ONE	5.5 SL 3.49 CS 5.5 SL 3.8 SL		32.0 oz/a 48.0 oz/a 32.0 oz/a 25.0 oz/a	BRNDN BRNDN POST POST	A A B B	88.5 abc	96.0 a
11	ROUNDUP P-MAX WARRANT ULTRA ENLIST ONE ENLIST ONE ROUNDUP P-MAX	5.5 SL 3.49 CS 3.8 SL 3.8 SL 5.5 SL		32.0 oz/a 48.0 oz/a 25.0 oz/a 25.0 oz/a 32.0 oz/a	BRNDN BRNDN BRNDN POST POST	A A A B B	93.8 ab	96.0 a
12	LIBERTY ENLIST ONE	2.34 SL 3.8 SL		32.0 oz/a 25.0 oz/a	BRNDN BRNDN	A A	20.0 gh	0.0 g
13	ENLIST DUO ENLIST DUO	3.3 SL 3.3 SL		64.0 oz/a 64.0 oz/a	BRNDN POST	A B	67.5 d	87.5 ab

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 3 because error mean square = 0.

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND							AMAPA	RAPRA
Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)								
Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code							-----	-----
Crop Code							Control	Control
Rating Data Type							Percent	Percent
Rating Unit							Jun-25-19	Jun-25-19
Rating Date								
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	8	9
14	BALANCE FLEX	2	SC	6.0 oz/a	BRNDN	A	51.3 e	90.0 ab
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDWN	A		
	LIBERTY	2.34	SL	32.0 oz/a	POST	B		
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B		
	N-PAK AMS			2.5 % v/v	POST	B		
15	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A	5.0 hi	0.0 g
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A		
	INTACT			0.5 % v/v	BRNDN	A		
16	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A	38.8 ef	49.8 de
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A		
17	ENLIST DUO	3.3	SL	76.0 oz/a	BRNDN	A	73.8 cd	87.5 ab
	ENLIST DUO	3.3	SL	76.0 oz/a	POST	B		
18	SONIC	70	DF	4.0 oz/a	BRNDN	A	78.8 bcd	92.5 ab
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A		
	ENLIST DUO	3.3	SL	64.0 oz/a	POST	B		
19	NTC						0.0 i	0.0 g
20	NTC						0.0 i	0.0 g
LSD P=.10							15.04	18.98
Standard Deviation							12.72	16.05
CV							20.69	25.66
Grand Mean							61.50	62.54
Bartlett's X2							52.277	81.742
P(Bartlett's X2)							0.001*	0.001*

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 3 because error mean square = 0.

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND						
Trial ID: SB-01-19		Study Dir.: MARK BRAXTON (2019-01-B7-04)				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-13-19 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	58566.987500				
Replicate	3	29.837500	9.945833	0.293	0.8300	
Treatment	19	56604.737500	2979.196711	87.877	0.0001	
Error	57	1932.412500	33.901974			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-13-19 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	51597.187500				
Replicate	3	160.937500	53.645833	0.756	0.5235	
Treatment	19	47390.937500	2494.259868	35.145	0.0001	
Error	57	4045.312500	70.970395			
Randomized Complete Block (RCB) AOV For DIGSP ----- Control Percent May-13-19 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	70567.200000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	19	70567.200000	3714.063158	0.000	1.0000	
Error	57	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-21-19 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	59393.550000				
Replicate	3	2154.850000	718.283333	12.995	0.0001	
Treatment	19	54088.050000	2846.739474	51.502	0.0001	
Error	57	3150.650000	55.274561			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-21-19 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	81893.550000				
Replicate	3	38.550000	12.850000	0.195	0.8996	
Treatment	19	78093.050000	4110.160526	62.276	0.0001	
Error	57	3761.950000	65.999123			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-4-19 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	66956.800000				
Replicate	3	1168.500000	389.500000	7.334	0.0003	
Treatment	19	62761.300000	3303.226316	62.201	0.0001	
Error	57	3027.000000	53.105263			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent Jun-4-19 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	84797.187500				
Replicate	3	137.437500	45.812500	1.495	0.2257	
Treatment	19	82912.937500	4363.838816	142.396	0.0001	
Error	57	1746.812500	30.645833			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-25-19 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	107680.000000				
Replicate	3	623.100000	207.700000	1.283	0.2889	
Treatment	19	97830.000000	5148.947368	31.808	0.0001	
Error	57	9226.900000	161.875439			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent Jun-25-19 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	79	129531.887500				
Replicate	3	774.637500	258.212500	1.002	0.3984	
Treatment	19	114075.137500	6003.954605	23.309	0.0001	
Error	57	14682.112500	257.580921			
Weed Code						
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.						
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.						

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND												
Trial ID: SB-01-19		Study Dir.: MARK BRAXTON (2019-01-B7-04)										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							AMAPA	RAPRA	DIGSP	AMAPA	RAPRA	AMAPA
Crop Code							-----	-----	-----	-----	-----	-----
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							May-13-19	May-13-19	May-13-19	May-21-19	May-21-19	Jun-4-19
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	1	2	3	4	5	6
1	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 101	65.0	65.0	99.0	75.0	50.0	50.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A 213	65.0	65.0	99.0	50.0	50.0	50.0
	INTACT			0.5 % v/v	BRNDN	A 318	65.0	65.0	99.0	65.0	50.0	65.0
						A 406	65.0	65.0	99.0	65.0	60.0	50.0
						Mean =	65.0	65.0	99.0	63.8	52.5	53.8
2	LIBERTY	2.34	SL	32.0 oz/a	BRNDN	A 102	90.0	20.0	99.0	99.0	0.0	99.0
	WARRANT	3	ME	48.0 oz/a	BRNDN	A 206	85.0	20.0	99.0	95.0	30.0	95.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A 308	75.0	20.0	99.0	95.0	30.0	85.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 419	85.0	20.0	99.0	85.0	30.0	80.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	POST	B						
	INTACT			0.5 % v/v	POST	B						
						Mean =	83.8	20.0	99.0	93.5	22.5	89.8
3	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 103	65.0	85.0	99.0	85.0	50.0	95.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A 214	65.0	65.0	99.0	50.0	50.0	85.0
	INTACT			0.5 % v/v	BRNDN	A 315	65.0	65.0	99.0	60.0	65.0	75.0
	WARRANT	3	ME	48.0 oz/a	BRNDN	A 409	65.0	65.0	99.0	65.0	60.0	85.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B						
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	POST	B						
	INTACT			0.5 % v/v	POST	B						
						Mean =	65.0	70.0	99.0	65.0	56.3	85.0
4	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 104	99.0	85.0	99.0	95.0	99.0	95.0
	WARRANT ULTRA	3.49	CS	48.0 oz/a	BRNDN	A 215	95.0	75.0	99.0	85.0	99.0	90.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 316	95.0	75.0	99.0	75.0	99.0	80.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	POST	B 414	99.0	75.0	99.0	85.0	95.0	85.0
	INTACT			0.5 % v/v	POST	B						
						Mean =	97.0	77.5	99.0	85.0	98.0	87.5
5	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A 105	95.0	85.0	99.0	99.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 212	99.0	65.0	99.0	99.0	99.0	95.0
	WARRANT ULTRA	3.49	CS	48.0 oz/a	BRNDN	A 307	95.0	75.0	99.0	95.0	99.0	90.0
	INTACT			0.5 % v/v	BRNDN	A 417	85.0	75.0	99.0	99.0	99.0	95.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B						
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	POST	B						
	INTACT			0.5 % v/v	POST	B						
						Mean =	93.5	75.0	99.0	98.0	99.0	94.8
6	VALOR SX	51	WG	2.0 oz/a	BRNDN	A 106	99.0	55.0	99.0	99.0	99.0	99.0
	MAULER	4	SC	8.0 oz/a	BRNDN	A 217	95.0	75.0	99.0	95.0	95.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 312	95.0	65.0	99.0	99.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 413	95.0	65.0	99.0	95.0	99.0	95.0
	XTENDIMAX + VG	2.9	SL	22.0 oz/a	POST	B						
	INTACT			0.5 % v/v	POST	B						
						Mean =	96.0	65.0	99.0	97.0	98.0	98.0
7	MON 119151	4	SL	48.0 oz/a	BRNDN	A 107	65.0	65.0	99.0	90.0	50.0	95.0
	MON 119151	4	SL	48.0 oz/a	POST	B 201	65.0	65.0	99.0	75.0	50.0	95.0
						306	65.0	65.0	99.0	65.0	50.0	85.0
						410	55.0	65.0	99.0	65.0	65.0	85.0
						Mean =	62.5	65.0	99.0	73.8	53.8	90.0
8	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 108	65.0	50.0	99.0	85.0	75.0	65.0
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A 216	65.0	65.0	99.0	75.0	75.0	65.0
						304	65.0	65.0	99.0	55.0	65.0	30.0
						420	65.0	65.0	99.0	65.0	65.0	60.0
						Mean =	65.0	61.3	99.0	70.0	70.0	55.0
9	LIBERTY	2.34	SL	32.0 oz/a	BRNDN	A 109	85.0	30.0	99.0	99.0	50.0	95.0
	WARRANT	3	ME	48.0 oz/a	BRNDN	A 207	85.0	30.0	99.0	85.0	50.0	95.0
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A 313	85.0	30.0	99.0	65.0	50.0	90.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 401	85.0	30.0	99.0	65.0	60.0	85.0
	ENLIST ONE	3.8	SL	25.0 oz/a	POST	B						
						Mean =	85.0	30.0	99.0	78.5	52.5	91.3

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ENLIST VS. XTEND WEED CONTROL PROGRAMS NON-CROP/BARE-GROUND												
Trial ID: SB-01-19		Study Dir.: MARK BRAXTON (2019-01-B7-04)										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code		AMAPA		RAPRA		DIGSP		AMAPA		RAPRA		
Crop Code		-----		-----		-----		-----		-----		
Rating Data Type		Control		Control		Control		Control		Control		
Rating Unit		Percent		Percent		Percent		Percent		Percent		
Rating Date		May-13-19		May-13-19		May-13-19		May-21-19		May-21-19		
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	1	2	3	4	5	6
10	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 110	85.0	85.0	99.0	85.0	99.0	85.0
	WARRANT ULTRA	3.49	CS	48.0 oz/a	BRNDN	A 208	99.0	75.0	99.0	90.0	99.0	95.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 320	85.0	75.0	99.0	75.0	99.0	75.0
	ENLIST ONE	3.8	SL	25.0 oz/a	POST	B 405	99.0	75.0	99.0	90.0	99.0	85.0
						Mean =	92.0	77.5	99.0	85.0	99.0	85.0
11	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 111	85.0	85.0	99.0	99.0	99.0	95.0
	WARRANT ULTRA	3.49	CS	48.0 oz/a	BRNDN	A 205	95.0	65.0	99.0	99.0	99.0	99.0
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A 311	85.0	75.0	99.0	85.0	99.0	95.0
	ENLIST ONE	3.8	SL	25.0 oz/a	POST	B 403	95.0	75.0	99.0	95.0	99.0	95.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B						
						Mean =	90.0	75.0	99.0	94.5	99.0	96.0
12	LIBERTY	2.34	SL	32.0 oz/a	BRNDN	A 112	85.0	20.0	99.0	85.0	50.0	60.0
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A 204	60.0	30.0	99.0	65.0	50.0	50.0
						305	85.0	20.0	99.0	85.0	50.0	50.0
						402	75.0	30.0	99.0	65.0	50.0	50.0
						Mean =	76.3	25.0	99.0	75.0	50.0	52.5
13	ENLIST DUO	3.3	SL	64.0 oz/a	BRNDN	A 113	65.0	65.0	99.0	85.0	85.0	85.0
	ENLIST DUO	3.3	SL	64.0 oz/a	POST	B 218	65.0	30.0	99.0	65.0	65.0	85.0
						301	65.0	30.0	99.0	60.0	99.0	75.0
						407	50.0	50.0	99.0	50.0	65.0	60.0
						Mean =	61.3	43.8	99.0	65.0	78.5	76.3
14	BALANCE FLEX	2	SC	6.0 oz/a	BRNDN	A 114	50.0	75.0	99.0	65.0	99.0	65.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDWN	A 211	50.0	75.0	99.0	60.0	99.0	50.0
	LIBERTY	2.34	SL	32.0 oz/a	POST	B 303	40.0	65.0	99.0	50.0	95.0	40.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	POST	B 418	50.0	65.0	99.0	60.0	99.0	60.0
	N-PAK AMS			2.5 % v/v	POST	B						
						Mean =	47.5	70.0	99.0	58.8	98.0	53.8
15	XTENDIMAX + VG	2.9	SL	22.0 oz/a	BRNDN	A 115	65.0	65.0	99.0	85.0	50.0	50.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 219	65.0	50.0	99.0	95.0	50.0	50.0
	INTACT			0.5 % v/v	BRNDN	A 302	65.0	50.0	99.0	75.0	50.0	50.0
						408	65.0	65.0	99.0	85.0	60.0	60.0
						Mean =	65.0	57.5	99.0	85.0	52.5	52.5
16	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 116	75.0	30.0	99.0	90.0	95.0	65.0
	ENLIST ONE	3.8	SL	25.0 oz/a	BRNDN	A 209	65.0	65.0	99.0	75.0	65.0	65.0
						319	65.0	65.0	99.0	75.0	50.0	60.0
						404	95.0	50.0	99.0	65.0	60.0	50.0
						Mean =	75.0	52.5	99.0	76.3	67.5	60.0
17	ENLIST DUO	3.3	SL	76.0 oz/a	BRNDN	A 117	65.0	65.0	99.0	75.0	85.0	95.0
	ENLIST DUO	3.3	SL	76.0 oz/a	POST	B 203	65.0	65.0	99.0	65.0	95.0	95.0
						309	65.0	65.0	99.0	65.0	65.0	85.0
						411	65.0	65.0	99.0	60.0	85.0	65.0
						Mean =	65.0	65.0	99.0	66.3	82.5	85.0
18	SONIC	70	DF	4.0 oz/a	BRNDN	A 118	85.0	85.0	99.0	80.0	99.0	95.0
	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	BRNDN	A 220	85.0	65.0	99.0	65.0	99.0	75.0
	ENLIST DUO	3.3	SL	64.0 oz/a	POST	B 310	95.0	85.0	99.0	75.0	99.0	85.0
						416	85.0	50.0	99.0	65.0	99.0	65.0
						Mean =	87.5	71.3	99.0	71.3	99.0	80.0
19	NTC					119	0.0	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0	0.0
						317	0.0	0.0	0.0	0.0	0.0	0.0
						415	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
20	NTC					120	0.0	0.0	0.0	0.0	0.0	0.0
						202	0.0	0.0	0.0	0.0	0.0	0.0
						314	0.0	0.0	0.0	0.0	0.0	0.0
						412	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0

University of Georgia

ENLIST VS. XTEND WEED CONTROL PROGRAMS
NON-CROP/BARE-GROUND

Trial ID: SB-01-19 Study Dir.: MARK BRAXTON (2019-01-B7-04)
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.