

# University of Tennessee

## Summit Agro Corn Sheildex and Restraint

Trial ID: SA 2022      Location: Jackson  
 Protocol ID: SA 2022    Investigator (Creator):  
 Project ID:              Study Director:  
                                  Sponsor Contact:

Trial Year: 2022

Trt No.	Treatment Type Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Appl Timing	Appl Code	Rep 1	2	3	4	Notes
1	CHK Untreated Check								101	202	304	403	
2	HERB BICEP II MAGNUM	5.5	LBA/GAL	SC	1	qt/a	PRE	A	102	201	303	406	
	HERB BICEP II MAGNUM	5.5	LBA/GAL	SC	1.5	qt/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	1	qt/a	POST	B					
		5.88			1								
3	HERB BICEP II MAGNUM	5.5	LBA/GAL	SC	1	qt/a	PRE	A	103	205	306	402	
	HERB HALEX GT	4.39	LB/GAL	SC	3.65	pt/a	POST	B					
	ADJ NIS	100	%	SL	1	% v/v	POST	B					
4	HERB RESTRAINT	6.498	LBA/GAL	EC	36	oz/a	PRE	A	104	206	302	404	
	HERB AATREX 4L	4	LBA/GAL	SC	1	qt/a	PRE	A					
	ADJ COC	100	%	SL	1	% v/v	PRE	A					
	HERB SHIELDDEX	3.33	LBA/GAL	SC	1.35	oz/a	POST	B					
	HERB AATREX 4L	4	LBA/GAL	SC	1	qt/a	POST	B					
	ADJ COC	100	%	SL	1	% v/v	POST	B					
5	HERB BICEP II MAGNUM	5.5	LBA/GAL	SC	1	qt/a	PRE	A	105	204	305	401	
	HERB SHIELDDEX	3.33	LBA/GAL	SC	1.35	oz/a	POST	B					
	HERB AATREX 4L	4	LBA/GAL	SC	1	qt/a	POST	B					
	ADJ COC	100	%	SL	1	% v/v	POST	B					
6	HERB BICEP II MAGNUM	5.5	LBA/GAL	SC	1	qt/a	PRE	A	106	203	301	405	
	HERB RESTRAINT	6.498	LBA/GAL	EC	36	oz/a	POST	B					
	HERB AATREX 4L	4	LBA/GAL	SC	1	qt/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	1	qt/a	POST	B					
		5.88			1								
	ADJ NIS	100	%	SL	1	% v/v	POST	B					

Sort Order: Replicate 1

# University of Tennessee

## Spray and Mow

Trial ID: cottoninc1      Location: Jackson  
 Protocol ID: cottoninc1    Investigator (Creator):  
 Project ID:                    Study Director:  
    Sponsor Contact:

Trial Year: 2022

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Appl Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	A	101	203	301	403	
2	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE APPL MOW TWO WEEKS AFTER SPRAY	5.88	LB/GAL	SL	32	oz/a	POST	A	102	201	302	401	
3	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE APPL MOW TWO WEEKS AFTER SPRAY HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	AFTER MOW B	A	103	202	303	402	

Sort Order: Replicate 1

# University of Tennessee

## COTTON INC MOW

Trial ID: MOW1      Location: JACKSON  
 Protocol ID: MOW1   Investigator (Creator):  
 Project ID:            Study Director:  
                                  Sponsor Contact:

Trial Year: 2022

Trt No.	Treatment Type Name	Form Conc	Form Unit	Form Type	Rate	Appl Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	CHK Untreated Check								101	204	305	403	
2	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a		A	102	207	303	404	
	HERB ROUNDUP POWERMAX 3	5.88	LB/GAL	SL	32	oz/a		A					
	-GLYPHOSATE	5.88			32								
	CULT MOW 3 DAY AFTER SPRAY												
3	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a		A	103	209	301	406	
	HERB ROUNDUP POWERMAX 3	5.88	LB/GAL	SL	32	oz/a		A					
	-GLYPHOSATE	5.88			32								
	CULT MOW 1 DAY AFTER SPRAY												
4	CULT MOW SPRAY AFTER								104	208	302	407	
	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a		B					
	HERB ROUNDUP POWERMAX 3	5.88	LB/GAL	SL	32	oz/a		B					
	-GLYPHOSATE	5.88			32								
5	CULT MOW SPRAY 1 DAY AFTER								105	206	309	402	
	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a		C					
	HERB ROUNDUP POWERMAX 3	5.88	LB/GAL	SL	32	oz/a		C					
	-GLYPHOSATE	5.88			32								
6	CULT MOW SPRAY 3 DAY AFTER								106	203	307	405	
	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a		D					
	HERB ROUNDUP POWERMAX 3	5.88	LB/GAL	SL	32	oz/a		D					
	-GLYPHOSATE	5.88			32								
7	CULT MOW SPRAY AFTER								107	202	308	401	
	HERB DIREX	4	LBA/GAL	L	32	oz/a		B					
8	CULT MOW SPRAY AFTER								108	201	306	408	
	HERB REVITON	2.83	LB/GAL	SC	3	oz/a		B					
9	CULT MOW SPRAY AFTER								109	205	304	409	
	HERB LIBERTY 280 SL	2.34	LBA/GAL	L	43	oz/a		B					
	-GLUFOSINATE	2.34			43								

Sort Order: Replicate 1

# University of Tennessee

Type PG Year Cty Pl.No. Ver. Rev. Cty Reg No.  
 Trial ID: MKD H 2022 US F44 A 01.0 US US0 001 GEP:  
 Title: ALITE 27 / VALUE OF RESIDUAL / EPOST / EFFICACY  
 GEP Guideline:  
 Short Trial ID: H22F44A-US0001 Licensee:

Trt Typ	Product/Entry Name	Form Conc	Conc Unit	Product FO	Prod Rate	Prod Unit	Appl Code	Appl Time	Rep 1	2	3	Notes
1 C	CHECK						ABC NA2		101	206	308	
2 H	PROWL H2O	455.0 GA/L	CS	16.0 fl oz/a	A	VA			102	208	306	
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
3 H	DIREX 4L	480.0 GA/L	SC	24.0 fl oz/a	A	VA			103	207	302	
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
4 H	DIREX 4L	480.0 GA/L	SC	24.0 fl oz/a	A	VA			104	205	301	
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	OUTLOOK	720.0 GA/L	EC	12.8 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
5 H	DIREX 4L	480.0 GA/L	SC	24.0 fl oz/a	A	VA			105	203	305	
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	OUTLOOK	720.0 GA/L	EC	12.8 fl oz/a	B	NA2						
H	ALITE 27	486.0 GA/L	SC	3.0 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
6 H	ALITE 27	486.0 GA/L	SC	3.0 fl oz/a	A	VA			106	201	303	
H	DIREX 4L	480.0 GA/L	SC	24.0 fl oz/a	A	VA						
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	OUTLOOK	720.0 GA/L	EC	12.8 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
7 H	ALITE 27	486.0 GA/L	SC	3.0 fl oz/a	A	VA			107	204	307	
H	PROWL H2O	455.0 GA/L	CS	32.0 fl oz/a	A	VA						
H	ENGENIA	600.0 GA/L	SL	12.8 fl oz/a	B	NA2						
H	OUTLOOK	720.0 GA/L	EC	12.8 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
S	AEGOS	703.0 GA/L	SL	8.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						
8 H	WARRANT ULTRA	413.0 GA/L	CS	56.0 fl oz/a	A	VA			108	202	304	
H	XTENDIMAX WITH VAPORGRIP TECHN	350.0 GA/L	SL	22.0 fl oz/a	B	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	B	NA2						
H	DUAL II MAGNUM	917.0 GA/L	EC	16.0 fl oz/a	B	NA2						
S	VOLT-EDGE	1270.0 GA/L	SL	20.0 fl oz/a	B	NA2						
H	LIBERTY 280 SL	281.8 GA/L	SL	32.0 fl oz/a	C	NA2						
H	ROUNDUP POWERMAX3	575.0 GA/L	SL	30.0 fl oz/a	C	NA2						
S	AMS2000	100.0 %	SG	1.5 lb/a	C	NA2						

Sort Order: Replicate 1

# University of Tennessee

Type PG Year Cty Pl.No. Ver. Rev. Cty Reg No.  
 Trial ID: MKD H 2022 US F43 A 01.0 US US0 001 GEP:  
 Title: ALITE 27 / FIT @ EPOST / EFFICACY / CROP SAFETY  
 GEP Guideline:  
 Short Trial ID: H22F43A-US0001 Licensee:

Trt Typ	Product/Entry Name	Form Conc	Conc Unit	Product FO	Prod Rate	Prod Unit	Appl Code	Appl Time	Rep 1	2	3	Notes
1 C	CHECK								101	202	305	
2 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	102	201	303	
H	ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	B	NA2				
H	OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	B	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA2				
S	AEGOS	703.0	GA/L	SL	8.0	fl oz/a	B	NA2				
3 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	103	208	307	
H	LIBERTY 280 SL	281.8	GA/L	SL	32.0	fl oz/a	C	NA2				
H	OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	C	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	C	NA2				
S	AMS2000	100.0	%	SG	1.5	lb/a	C	NA2				
4 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	104	206	302	
H	ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	B	NA2				
H	OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	B	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA2				
H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	B	NA2				
S	AEGOS	703.0	GA/L	SL	8.0	fl oz/a	B	NA2				
5 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	105	204	301	
H	LIBERTY 280 SL	281.8	GA/L	SL	32.0	fl oz/a	C	NA2				
H	OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	C	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	C	NA2				
H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	C	NA2				
S	AMS2000	100.0	%	SG	1.5	lb/a	C	NA2				
6 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	106	203	306	
H	ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	B	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA2				
H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	B	NA2				
S	AEGOS	703.0	GA/L	SL	8.0	fl oz/a	B	NA2				
7 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	107	205	308	
H	LIBERTY 280 SL	281.8	GA/L	SL	32.0	fl oz/a	C	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	C	NA2				
H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	C	NA2				
S	AMS2000	100.0	%	SG	1.5	lb/a	C	NA2				
8 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	108	207	304	
H	XTENDIMAX WITH VAPORGRIP TECHN	350.0	GA/L	SL	22.0	fl oz/a	B	NA2				
H	DUAL MAGNUM	915.0	GA/L	EC	16.0	fl oz/a	B	NA2				
H	ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA2				
Y	VAPOR GRIP XTRA											

Sort Order: Replicate 1

# University of Tennessee

Type PG Year Cty Pl.No. Ver. Rev. Cty Reg No.  
 Trial ID: MKD H 2022 US F34 A 01.0 US UTN 001 GEP:  
 Title: ALITE 27 / VALUE OF TWO COMPONENT PRE / EFFICACY  
 GEP Guideline:

Trt Typ	Product/Entry Name	Form Conc	Conc Unit	Product Prod FO Rate	Unit	Appl Code	Appl Time	Rep 1	2	3	Notes	
1 C	CHECK					A	VA	101	203	305		
2 H	DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA	102	205	302	
	H ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	B	NA				
	H OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	B	NA				
	H ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA				
	S AEGOS	703.0	GA/L	SL	8.0	fl oz/a	B	NA				
3 H	PROWL H2O	455.0	GA/L	CS	32.0	fl oz/a	A	VA	103	201	304	
	H ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	B	NA				
	H OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	B	NA				
	H ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	B	NA				
	S AEGOS	703.0	GA/L	SL	8.0	fl oz/a	B	NA				
4 H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	A	VA	104	202	301	
	H DIREX 4L	480.0	GA/L	SC	24.0	fl oz/a	A	VA				
	H ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	C	NA				
	H OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	C	NA				
	H ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	C	NA				
	S AEGOS	703.0	GA/L	SL	8.0	fl oz/a	C	NA				
5 H	ALITE 27	486.0	GA/L	SC	3.0	fl oz/a	A	VA	105	204	303	
	H PROWL H2O	455.0	GA/L	CS	32.0	fl oz/a	A	VA				
	H ENGENIA	600.0	GA/L	SL	12.8	fl oz/a	C	NA				
	H OUTLOOK	720.0	GA/L	EC	12.8	fl oz/a	C	NA				
	H ROUNDUP POWERMAX3	575.0	GA/L	SL	30.0	fl oz/a	C	NA				
	S AEGOS	703.0	GA/L	SL	8.0	fl oz/a	C	NA				

Sort Order: Replicate 1

# University of Tennessee

Trial ID: Alite 27 Bareground 2022	<b>BASF Alite 27 Bareground</b>	Location: JACKSON
Protocol ID: Alite 27 Bareground		Investigator (Creator)
Project ID:		Study Director:
		Sponsor Contact:
		Trial Year: 2022

Trt No.	Treatment Type	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	CHK	CHECK							101	207	314	408	
2	HERB	ALITE 27	4 lb/gal	SL	2 fl oz/a	PRE	A		102	206	313	404	
3	HERB	ALITE 27	4 lb/gal	SL	3 fl oz/a	PRE	A		103	211	306	402	
4	HERB	PROWL H20	3.8 lb/gal	CS	32 fl oz/a	PRE	A		104	201	307	414	
5	HERB	WARRANT	359 gA/L	CS	48 fl oz/a	PRE	A		105	203	311	413	
6	HERB	FLEXSTAR	1.88 lb/gal	SL	17 fl oz/a	PRE	A		106	215	305	409	
7	HERB	DIREX	4 lb/gal	CS	24 fl oz/a	PRE	A		107	213	301	403	
8	HERB	ALITE 27 HERB PROWL H20	4 lb/gal 3.8 lb/gal	SL CS	2 fl oz/a 32 fl oz/a	PRE PRE	A A		108	204	310	415	
9	HERB	ALITE 27 HERB WARRANT	4 lb/gal 359 gA/L	SL CS	2 fl oz/a 48 fl oz/a	PRE PRE	A A		109	205	309	407	
10	HERB	ALITE 27 HERB FLEXSTAR	4 lb/gal 1.88 lb/gal	SL SL	2 fl oz/a 17 fl oz/a	PRE PRE	A A		110	212	304	406	
11	HERB	ALITE 27 HERB DIREX	4 lb/gal 4 lb/gal	SL CS	2 fl oz/a 24 fl oz/a	PRE PRE	A A		111	214	315	401	
12	HERB	ALITE 27 HERB PROWL H20	4 lb/gal 3.8 lb/gal	SL CS	3 fl oz/a 32 fl oz/a	PRE PRE	A A		112	202	303	405	
13	HERB	ALITE 27 HERB WARRANT	4 lb/gal 359 gA/L	SL CS	3 fl oz/a 48 fl oz/a	PRE PRE	A A		113	208	312	410	
14	HERB	ALITE 27 HERB FLEXSTAR	4 lb/gal 1.88 lb/gal	SL SL	3 fl oz/a 17 fl oz/a	PRE PRE	A A		114	210	308	411	
15	HERB	ALITE 27 HERB DIREX	4 lb/gal 4 lb/gal	SL CS	3 fl oz/a 24 fl oz/a	PRE PRE	A A		115	209	302	412	

Sort Order: Replicate 1

# University of Tennessee

Trial ID: valent6402		Location: jackson		valent xtend		Trial Year: 2022	
Protocol ID: valent6402		Investigator (Creator):					
Project ID:		Study Director:					
		Sponsor Contact:					

Trt No.	Treatment Type Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	CHK CHECK								101	203	304	402	
2	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		PRE	A	102	205	303	405	
	HERB FIERCE EZ	3.04	LB/GAL	SC	6 oz/a		PRE	A					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32 oz/a		POST	B					
		5.88			32								
	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		POST	B					
	HERB PERPETUO			SC	6 oz/a		POST	B					
	ADJ IN-PLACE	100	%W/W	L	0.5 % v/v		POST	B					
	ADJ INDUCE	100	%	SF	0.25 % v/v		POST	B					
3	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		PRE	A	103	201	302	401	
	HERB FIERCE MTZ	2.64	LB/GAL	SC	1 pt/a		PRE	A					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32 oz/a		POST	B					
		5.88			32								
	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		POST	B					
	HERB PERPETUO			SC	6 oz/a		POST	B					
	ADJ IN-PLACE	100	%W/W	L	0.5 % v/v		POST	B					
	ADJ INDUCE	100	%	SF	0.25 % v/v		POST	B					
4	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		PRE	A	104	202	301	404	
	HERB BOUNDARY 6.5	6.5	LBA/GAL	EC	32 oz/a		PRE	A					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32 oz/a		POST	B					
		5.88			32								
	HERB XTENDIMAX	2.9	LBAE/GAL	L	22 oz/a		POST	B					
	HERB PREFIX	5.29	LBA/GAL	EC	32 oz/a		POST	B					
	ADJ IN-PLACE	100	%W/W	L	0.5 % v/v		POST	B					
	ADJ INDUCE	100	%	SF	0.25 % v/v		POST	B					
5	HERB XTENDIMAX	2.9	LBAE/GAL	SL	22 oz/a		PRE	A	105	204	305	403	
	HERB ZIDUA PRO			SC	6 oz/a		PRE	A					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32 oz/a		POST	B					
		5.88			32								
	HERB XTENDIMAX	2.9	LBAE/GAL	L	22 oz/a		POST	B					
	ADJ IN-PLACE	100	%W/W	L	0.5 % v/v		POST	B					
	ADJ INDUCE	100	%	SF	0.25 % v/v		POST	B					

Sort Order: Replicate 1



# University of Tennessee

## Evaluating Authority Supreme/Edge and Anthem Maxx for Residual Weed Control in Soybeans

Trial ID: USA-22-069      Location:      Trial Year: 2022  
 Protocol ID: USA-22-069      Investigator (Creator):  
 Project ID:      Study Director:  
    Sponsor Contact:

Conducted Under GEP: No

Trt No.	Treatment Type Name	Form Conc Unit	Form Type	Rate Rate Unit	Appl Timing	Appl Code	Rep 1	2	3	4	Notes
1	CHK UNTREATED CHECK						101	208	305	411	
2	HERB AUTHORITY EDGE	4.25 LB/GAL	SC	7 fl oz/a	PRE	A	102	212	311	409	
3	HERB AUTHORITY EDGE	4.25 LB/GAL	SC	9 fl oz/a	PRE	A	103	210	304	407	
4	HERB AUTHORITY EDGE HERB METRIBUZIN	4.25 LB/GAL 75 %	SC WG	7 fl oz/a 5 oz/a	PRE PRE	A A	104	211	312	404	
5	HERB AUTHORITY SUPREME	4.16 LB/GAL	SC	7 oz/a	PRE	A	105	203	306	408	
6	HERB AUTHORITY EDGE HERB ANTHEM MAXX HERB ENGENIA HERB ROUNDUP POWERMAX	4.25 LB/GAL 4.3 LB/GAL 5 LBAE/GAL L 5.5 LB/GAL	SC SC L SL	7 fl oz/a 4 fl oz/a 12.8 fl oz/a 32 fl oz/a	PRE EPOST EPOST EPOST	A B B B	106	207	303	405	
7	HERB BOUNDARY 6.5EC	6.5 LB/GAL	EC	29 fl oz/a	PRE	A	107	202	309	401	
8	HERB KYBER	2.64 LB/GAL	SC	16 fl oz/a	PRE	A	108	201	307	410	
9	HERB ANTHEM MAXX	4.3 LB/GAL	SC	4 fl oz/a	PRE	A	109	204	301	406	
10	HERB WARRANT	3 LB/GAL	MS	48 oz/a	PRE	A	110	206	302	412	
11	HERB DUAL II MAGNUM	7.64 LB/GAL	EC	21 fl oz/a	PRE	A	111	205	308	403	
12	HERB OUTLOOK	6 LB/GAL	EC	14 fl oz/a	PRE	A	112	209	310	402	

Sort Order: Replicate 1

# University of Tennessee

## Dicamba Paired Soil Residual/Soybean/PRE/Efficacy and Phyto

Trial ID: HN22USADHTAM2    TD Number: LOCALCREATED    Protocol Edition No.: 1.01  
 Project ID: MD-NATIONAL  
 Project Number(s): 0 % PMBRACRE % 100 % PMBRACRE  
 Protocol Developer:  
 License User:

Entry No.	Entry Type	Entry/Trt. Description	Form. Type	AI Conc.	Dose	Dose Unit	Appl. Timing	Appl. Code	Rep 1	2	3	4	Notes
1	PRODUCT	UNTREATED						A	101	209	309	401	
2	PRODUCT	WARRANT	CS	359	1259	g a/ha		A	102	210	312	402	
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
3	PRODUCT	WARRANT	CS	359	1259	g a/ha		A	103	204	308	403	
4	PRODUCT	WARRANT ULTRA HERBICIDE	CS	413	1509	g a/ha		A	104	212	305	404	
5	PRODUCT	FIERCE EZ	SC	364.2	159.7	g a/ha		A	105	214	310	405	
6	PRODUCT	VALOR EZ	SC	480	70.15	g a/ha		A	106	211	311	406	
7	PRODUCT	AUTHORITY MTZ	WG	45	315.2	g a/ha		A	107	206	313	407	
8	PRODUCT	WARRANT	CS	359	1259	g a/ha		A	108	205	307	408	
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
9	PRODUCT	WARRANT	CS	359	1259	g a/ha		A	109	208	303	409	
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
10	PRODUCT	WARRANT ULTRA HERBICIDE	CS	413	1509	g a/ha		A	110	202	301	410	
	PROD_ADJ	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	XL	43.2	0.5	% v/v		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
11	PRODUCT	FIERCE EZ	SC	364.2	159.7	g a/ha		A	111	203	302	411	
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
	PROD_ADJ	INTACT DRIFT CONTROL & FOLIAR AGENT (DFR)	XL	43.2	0.5	% v/v		A					
12	PRODUCT	VALOR EZ	SC	480	70.15	g a/ha		A	112	201	304	412	
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
13	PRODUCT	AUTHORITY MTZ	WG	45	315.2	g a/ha		A	113	213	306	413	
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A					
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					
14	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	562.6	g ae/ha		A	114	207	314	414	
	PROD_ADJ	VAPORGRIP XTRA AGENT	SL	394	1.462	l/ha		A					

Sort Order: Replicate 1

# University of Tennessee

## XtendFlex Soybean Herbicide Recommendations HP22USAMGA

Trial ID: HP22USAMGATAM1    TD Number: LOCALCREATED    Protocol Edition No.: 1.02  
 Project ID: LOCAL\_PROJ  
 Project Number(s): 0 % MDSOYTRA % 100 % MDSOYTRA  
 Protocol Developer:  
 License User:

Entry No.	Entry Type	Entry/Trt. Description	Form. Type	AI Conc.	Dose Unit	Dose	Appl. Timing	Appl. Code	Rep 1	2	3	4	Notes
1	PRODUCT	UNTREATED							101	215	302	407	
2	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	102	214	309	411	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	FIERGE EZ	SC	364.2	159.7	g a/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		EAPOCR B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v		EAPOCR B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		EAPOCR B					
3	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	103	205	313	404	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	FIERGE EZ	SC	364.2	159.7	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	2.338	l/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v		EAPOCR B					
4	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	104	201	311	409	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	AUTHORITY XL	XS	70	159.7	g a/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		EAPOCR B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v		EAPOCR B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		EAPOCR B					
5	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	105	209	301	414	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	AUTHORITY XL	XS	70	159.7	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	655	g a/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v		EAPOCR B					
6	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	106	213	306	402	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	VALOR EZ	SC	480	70.15	g a/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		EAPOCR B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v		EAPOCR B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		EAPOCR B					
7	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	107	203	308	403	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	VALOR EZ	SC	480	70.15	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	655	g a/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
8	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	108	204	307	405	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		A					
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		EAPOCR B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		EAPOCR B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha		EAPOCR B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		EAPOCR B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v		EAPOCR B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		EAPOCR B					

# University of Tennessee

## XtendFlex Soybean Herbicide Recommendations HP22USAMGA

Trial ID: HP22USAMGATAM1    TD Number: LOCALCREATED    Protocol Edition No.: 1.02  
 Project ID: LOCAL\_PROJ  
 Project Number(s): 0 % MDSOYTRA % 100 % MDSOYTRA  
 Protocol Developer:  
 License User:

Entry No.	Entry Type	Entry/Trt. Description	Form. Type	AI Conc.	Dose	Dose Unit	Appl. Timing	Appl. Code	Rep 1	2	3	4	Notes
9	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	109	212	315	412	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		A					
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	655	g a/ha	EAPOCR	B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v	EAPOCR	B					
10	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	110	206	310	401	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		A					
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	655	g a/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v	EAPOCR	B					
11	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	111	202	305	406	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	WARRANT	CS	359	1259	g a/ha		A					
	PRODUCT	MAULER	SL	480	280.6	g a/ha		A					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1260	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT ULTRA HERBICIDE	CS	413	1449	g a/ha	EAPOCR	B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v	EAPOCR	B					
12	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	112	210	303	408	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PRODUCT	WARRANT ULTRA HERBICIDE	CS	413	1449	g a/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha	EAPOCR	B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha	EAPOCR	B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v	EAPOCR	B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v	EAPOCR	B					
13	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	113	207	312	415	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g a/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	WARRANT ULTRA HERBICIDE	CS	413	1449	g a/ha		A					
	PRODUCT	LIBERTY 280 SL	SL	280	2.338	l/ha	EAPOCR	B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v	EAPOCR	B					
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5	% v/v	EAPOCR	B					
14	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha		A	114	208	314	413	
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha		A					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v		A					
	PRODUCT	DFF+FFA+MRB	SC	619	1.111	l/ha		A					
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha	EAPOCR	B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha	EAPOCR	B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v	EAPOCR	B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v	EAPOCR	B					
15	PRODUCT	DFF+FFA+MRB	SC	619	1.111	l/ha		A	115	211	304	410	
	PRODUCT	XTENDIMAX VAPORGRIP	LF	350	1.607	l/ha	EAPOCR	B					
	PRODUCT	VAPORGRIP XTRA AGENT	SL	394	576	g ae/ha	EAPOCR	B					
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263	g ae/ha	EAPOCR	B					
	PRODUCT	WARRANT	CS	359	1259	g a/ha	EAPOCR	B					
	PROD_ADJ	CLASS ACT RIDION	XL	100	1	% v/v	EAPOCR	B					
	PROD_ADJ	INTACT	XL	43.2	0.5	% v/v	EAPOCR	B					

Sort Order: Replicate 1

# University of Tennessee

## XtendFlex Soybean Herbicide Recommendations - No XtendiMax HP22USAMGB

Trial ID: HP22USAMGBTAM1    TD Number: LOCALCREATED    Protocol Edition No.: 1.01  
 Project ID: LOCAL\_PROJ  
 Project Number(s): 0 % MDSOYTRA % 100 % MDSOYTRA  
 Protocol Developer:  
 License User:

Entry No.	Entry Type	Entry/Trt. Description	Form. Type	AI Conc.	Dose Unit	Dose	Appl. Timing	Appl. Code	Rep 1	2	3	4	Notes
1	PRODUCT	UNTREATED							101	210	309	402	
2	PRODUCT	WARRANT	CS	359	1259 g a/ha		PREPRE A		102	204	303	411	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		EAPOCR B						
3	PRODUCT	WARRANT	CS	359	1259 g a/ha		PREPRE A		103	201	310	406	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	LIBERTY 280 SL	SL	280	655 g a/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
4	PRODUCT	WARRANT	CS	359	1259 g a/ha		PREPRE A		104	207	308	409	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	LIBERTY 280 SL	SL	280	655 g a/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
5	PRODUCT	WARRANT	CS	359	1259 g a/ha		PREPRE A		105	208	301	403	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	LIBERTY 280 SL	SL	280	655 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
6	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		PREPRE A		106	203	304	405	
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
7	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		PREPRE A		107	212	305	401	
	PRODUCT	LIBERTY 280 SL	SL	280	655 g ae/ha		EAPOCR B						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
8	PRODUCT	FIERCE EZ	SC	364.2	159.7 g a/ha		PREPRE A		108	202	307	412	
	PRODUCT	LIBERTY 280 SL	SL	280	655 g a/ha		EAPOCR B						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
9	PRODUCT	FIERCE EZ	SC	364.2	159.7 g a/ha		PREPRE A		109	206	302	408	
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
10	PRODUCT	VALOR EZ	SC	480	70.15 g a/ha		PREPRE A		110	211	312	407	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	LIBERTY 280 SL	SL	280	655 g a/ha		EAPOCR B						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
11	PRODUCT	VALOR EZ	SC	480	70.15 g a/ha		PREPRE A		111	205	306	404	
	PRODUCT	MAULER	SL	480	280.6 g a/ha		PREPRE A						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT ULTRA	CS	413	1449 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						
12	PRODUCT	DFF+FFA+MRB	SC	619	1.111 l/ha		PREPRE A		112	209	311	410	
	PRODUCT	LIBERTY 280 SL	SL	280	655 g a/ha		EAPOCR B						
	PRODUCT	ROUNDUP POWERMAX 3	SL	575	1263 g ae/ha		EAPOCR B						
	PRODUCT	WARRANT	CS	359	1259 g a/ha		EAPOCR B						
	FERTIL	N-PAK AMS LIQUID	XL	34	2.5 % v/v		EAPOCR B						

Sort Order: Replicate 1

# University of Tennessee

Trial ID: HELMSOY		Location: JACKSON		<b>PRES ZONE DEFENSE</b>							
Protocol ID: HELM		Investigator (Creator):		Trial Year: 2022							
Project ID:		Study Director:									
		Sponsor Contact:									

Trt No.	Treatment Type	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	CHK	CHECK								101	208	304	408	
2	HERB	ZONE DEFENCE			DG	5 oz/a		PRE	A	102	201	310	401	
3	HERB	ZONE DEFENCE			DG	4 oz/a		PRE	A	103	206	303	409	
	HERB	HELMET	7.8	LB/GAL	EC	1.33 pt/a		PRE	A					
4	HERB	ZONE DEFENCE			DG	5 oz/a		PRE	A	104	205	301	402	
	HERB	HELMET	7.8	LB/GAL	EC	1.33 pt/a		PRE	A					
5	HERB	BOUNDARY 6.5	6.5	LBA/GAL	EC	24 oz/a		PRE	A	105	210	302	403	
6	HERB	ZIDUA	0.85	%AW/W	WG	3.2 oz/a		PRE	A	106	202	308	404	
7	HERB	METRIBUZIN			DF	5 oz/a		PRE	A	107	203	306	405	
8	HERB	PREFIX	5.29	LBA/GAL	EC	32 oz/a		PRE	A	108	204	309	410	
9	HERB	AUTHORITY EDGE	4.25	LBA/GAL	SL	9 oz/a		PRE	A	109	207	305	407	
10	HERB	WARRANT	3	LB/GAL	CS	48 oz/a		PRE	A	110	209	307	406	

Sort Order: Replicate 1

# University of Tennessee

## PRE AND POST

Trial ID: SYN22      Location: JACKSON  
 Protocol ID: SYN    Investigator (Creator):  
 Project ID:            Study Director:  
                                  Sponsor Contact:

Trial Year: 2022

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Appl Unit	Appl Timing	Appl Code	Rep 1	Rep 2	Rep 3	Rep 4	Notes
1	CHK CHECK								101	204	302	407	
2	HERB TENDOVO	4.11	LBA/GAL	ZC	2.1	qt/a	PRE	A	102	201	304	405	
	HERB TAVIUM + VAPORGRIP	406.8	GAE/L	CS	56.5	oz/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	B					
		5.88			32								
3	HERB PREFIX	5.29	LBA/GAL	EC	2	pt/a	PRE	A	103	202	306	403	
	HERB TAVIUM + VAPORGRIP	406.8	GAE/L	CS	56.5	oz/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	B					
		5.88			32								
4	HERB BOUNDARY 6.5	6.5	LBA/GAL	EC	2	pt/a	PRE	A	104	207	303	401	
	HERB TAVIUM + VAPORGRIP	406.8	GAE/L	CS	56.5	oz/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	B					
		5.88			32								
5	HERB VERDICT	5.57	LBA/GAL	EC	5	oz/a	PRE	A	105	206	301	402	
	HERB ZIDUA SC	4.17	LB/GAL	SC	3.2	oz/a	POST	B					
	-PYROXASULFONE	4.17			3.2								
	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	B					
		5.88			32								
6	HERB ZIDUA PRO			SC	6	oz/a	PRE	A	106	203	305	406	
	HERB PYTHON	80	%	WG	0.10	oz/a	POST	B					
	HERB ENGENIA	5	LBAE/GAL	SL	12.8	oz/a	POST	B					
	HERB ROUNDUP POWERMAX 3 -GLYPHOSATE	5.88	LB/GAL	SL	32	oz/a	POST	B					
		5.88			32								
7	HERB TENDOVO	4.11	LBA/GAL	ZC	2.1	qt/a	PRE	A	107	205	307	404	
	HERB SEQUENCE			EW	48	oz/a	POST	B					

Sort Order: Replicate 1