

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 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	2	3	4
1	NTC									-	101	211	306	405
2	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	15 GPA	22.5 mL/mx	1452.5 mL	102	208	313	410
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx					
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	15 GAL/AC	22.5 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					
3	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	15 GPA	22.5 mL/mx	1452.5 mL	103	210	307	401
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx					
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	15 GAL/AC	22.5 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	CALLISTO	4	SC	3.0	oz/a	POST	B	15 GAL/AC	2.344 mL/mx					
ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx						
4	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	15 GPA	30.0 mL/mx	1445 mL	104	214	302	412
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx					
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	INDUCE			0.25	% v/v	POST	B	15 GAL/AC	3.75 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	HALEX GT	4.38	CS	64.0	oz/a	POST	B	15 GAL/AC	50.0 mL/mx					
5	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	15 GPA	30.0 mL/mx	1445 mL	105	203	308	404
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx					
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	INDUCE			0.25	% v/v	POST	B	15 GAL/AC	3.75 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	PROWL H20	3.8	SC	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
HALEX GT	4.38	CS	64.0	oz/a	POST	B	15 GAL/AC	50.0 mL/mx						
6	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	106	212	304	402
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	INDUCE			0.25	% v/v	POST	B	15 GAL/AC	3.75 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	HALEX GT	4.38	CS	64.0	oz/a	POST	B	15 GAL/AC	50.0 mL/mx					
7	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx	1358.1 mL	107	205	314	406
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	15 GAL/AC	45.0 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					
8	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx	1355.8 mL	108	206	309	411
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	15 GAL/AC	45.0 mL/mx					
	CALLISTO	4	SC	3.0	oz/a	POST	B	15 GAL/AC	2.344 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					
9	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx	1370 mL	109	207	303	408
	STOREN (A23980)	3.22	ZC	38.4	oz/a	POST	B	15 GAL/AC	30.0 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	LIBERTY	2.34	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
10	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx	1367.7 mL	110	201	305	407
	STOREN (A23980)	3.22	ZC	38.4	oz/a	POST	B	15 GAL/AC	30.0 mL/mx					
	CALLISTO	4	SC	3.0	oz/a	POST	B	15 GAL/AC	2.344 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	LIBERTY	2.34	SL	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
11	ANTHEM MAXX	4.3	SC	2.5	oz/a	PRE	A	15 GPA	1.953 mL/mx	1473 mL	111	213	310	409
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx					
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					

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 Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 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
12	HARNES MAX	3.85	SC	55.0	oz/a	PRE	A	15 GPA	42.97 mL/mx	1432 mL	112	204	312	403
	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1400.8 mL				
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx					
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	CAPRENO	3.45	SC	3.0	oz/a	POST	B	15 GAL/AC	2.344 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					
13	AATREX	4	L	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx		1475 mL	113	209	301
	AMSOL			2.5	% v/v	POST	B	15 GAL/AC	37.5 mL/mx	1368 mL				
	AATREX	4	L	48.0	oz/a	POST	B	15 GAL/AC	37.5 mL/mx					
	KYRO	3.07	CS	45.0	oz/a	POST	B	15 GAL/AC	35.16 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	15 GAL/AC	21.87 mL/mx					
14	AATREX	4	L	64.0	oz/a	POST	B	15 GAL/AC	50.0 mL/mx	1407.8 mL	114	202	311	414
	PROWL H20	3.8	SC	32.0	oz/a	POST	B	15 GAL/AC	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	POST	B	15 GAL/AC	17.19 mL/mx					

Sort Order: Replicate 1

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Trial Comments

STOREN (A23980V) = BICYCLOPYRONE (0.076 LBS/GAL) + MESOTRIONE (0.31 LBS/GAL) + S-METOLACHLOR (2.73 LBS/GAL) + PYROXASULFONE (0.149 LBS/GAL) + BENOXACOR (SAFENER)

HALEX GT = GLYPHOSATE (2.09 LBS/GAL) + S-METOLACHLOR (2.09 LBS/GAL) + MESOTRIONE (0.209 LBS/GAL)
 ANTHEM MAXX = PYROXASULFONE (4.174 LBS/GAL) + FLUTHIACET (0.126 LBS/GAL)
 HARNESS MAX = ACETOCHLOR (3.52 LBS/GAL) + MESOTRIONE (0.33 LBS/GAL) + FURILAZOLE (SAFENER)
 CAPRENO = TEMBOTRIONE (2.88 LBS/GAL) + THIENCARBAZONE (0.57 LBS/GAL) + ISOXADIFEN (SAFENER)

KYRO (GF5040) = ENCAPSULATED ACETOCHLOR (2.78 LBS/GAL) + TOPRAMEZONE (0.046 LBS/GAL) + CLOPYRALID (0.247 LBS/GAL)

HARVEST DATE: 09/05/23
 HARVEST MOISTURE: 15.45%
 YIELDS ADJUSTED TO 15.5%.

HARNES MAXX WAS DIFFICULT TO GET INTO SUSPENSION.

PLOTS 105 MISSING DATA - SPRAYER ERROR?
 MISSING YIELD DATA IN PLOT 101 = COMBINE ERROR
 MISSING YIELD DATA IN PLOTS 106, 202, 411, 412 = LODGING DUE TO HURRICANE IDALIA (08/30/23)

SUMMARY:

- 1) PRE APPLICATIONS OF STOREN PROVIDED EXCELLENT (>93%) CONTROL OF WILD RADISH, VARIOUS ANNUAL GRASSES, AND PALMER AMARANTH WITH NO SIGNIFICANT CORN INJURY.
- 2) POST APPLICATIONS OF STOREN + CALLISTO CAUSED MORE CORN BLEACHING THAN STOREN ALONE.
- 3) GENERALLY WEED CONTROL UP TO MAY 22 WAS EXCELLENT (>90%) WITH ALL TREATMENTS. HOWEVER, GRASS CONTROL ON MAY 22 WAS REDUCED TO 83% WITH THE FOLLOWING TREATMENT:
 #11-ANTHEM MAXX + AATREX (PRE) FB AATREX + ROUNDUP (POST).
- 4) PRE-HARVEST RATINGS (AUGUST 18) INDICATED EXCELLENT CONTROL OF PALMER AMARANTH WITH ALL TREATMENTS BUT REDUCED GRASS CONTROL (<80%) WITH SEVERAL TREATMENTS INCLUDING THE FOLLOWING:
 #2 - STOREN + AATREX (PRE) FB STOREN + AATREX + ROUNDUP (POST) = 79% GRASS CONTROL
 #3 - STOREN + AATREX (PRE) FB STOREN + AATREX + CALLISTO + ROUNDUP (POST) = 74% GRASS CONTROL
 #4 - STOREN + AATREX (PRE) FB HALEX GT + AATREX (POST) = 61% GRASS CONTROL
 #6 - AATREX (PRE) FB HALEX GT + AATREX (POST) = 79% GRASS CONTROL
 #10 - STOREN + CALLISTO + AATREX + LIBERTY (POST) = 66% GRASS CONTROL
 #11 - ANTHEM MAXX + AATREX (PRE) FB AATREX + ROUNDUP (POST) = 31% GRASS CONTROL
 #12 - HARNESS MAX + AATREX (PRE) FB AATREX + CAPRENO + ROUNDUP (POST) = 66% GRASS CONTROL
 #13 - AATREX (PRE) FB AATREX + KYRO + ROUNDUP (POST) = 50% GRASS CONTROL
 #14 - AATREX + PROWL + ROUNDUP (POST) = 54% GRASS CONTROL
- 4) TOTAL WEED COVER AT HARVEST WAS LOWEST NUMERICALLY WITH TRT #8: STOREN + CALLISTO + AATREX + ROUNDUP (POST).
- 5) ALL HERBICIDE TREATED PLOTS HAD GREATER YIELDS THAN THE NTC PLOTS EXCEPT FOR THE FOLLOWING TREATMENTS:
 A) #11 - ANTHEM MAXX + AATREX (PRE) FB ROUNDUP + AATREX (POST)
 B) #12 - HARNESS MAX + AATREX (PRE) FB ROUNDUP + CAPRENO + AATREX (POST)
 C) #14 - AATREX + PROWL + ROUNDUP (POST)
- 6) GREATEST DIFFERENCES IN YIELD OCCURRED BETWEEN NTC (224 BU/A) AND TREATMENT #6 [AATREX (PRE) FB AATREX + HALEX GT (POST)] (274 BU/A). A 50 BU/A DIFFERENCE (50 x \$4.76 = \$238/A).

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Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: HENRY MCLEAN **Title:** _____
Affiliation: _____
Postal Code: _____

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

TRIAL LOCATION

City: _____ **Trial Status:** E
State/Prov.: _____ **Trial Reliability:** _____
Postal Code: _____ **Initiation Date:** _____
Country: _____ **Planned Completion Date:** _____
E-Longitude of LL Corner °: _____ **N-Latitude of LL Corner °:** _____
Altitude of LL Corner: _____ **Unit:** _____ **Angle y-axis to North °:** _____
Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ **Country:** _____
Org: _____ **Phone No:** _____
Address 1: _____ **Fax No:** _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMAPA	PA	LMER AMARANTH
2.	RAPRA	WI	LD RADISH
3.	DIGSP	CR	ABGRASS
4.	PANTE	TX	PANICUM
5.	ELEIN	GO	OSEGRASS
6.	CCHEC	SO	UTHERN SANDBUR

Crop 1: ZEAMA FIELD CORN **Variety:** PIONEER 2042VYHR
Planting Date: Mar-22-23 **Planting Method:** MONOSEM VACCUM
Rate: 33880 SEED/A **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: 36 IN **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

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	Previous Pesticides	Year
1.	PEANUT		2022

MAINTENANCE

Field Prep./Maintenance: 1 TON/A LIME - PREPLANT
 800 LBS/A 5-15-30 - PREPLANT
 SIDEDRESS 122-0-0-15 ON APRIL 11 AND APRIL 24
 AXILO BMZ (MICRO-NUTRIENTS) ON APRIL 20

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

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SOIL DESCRIPTION

% Sand: 94 % OM: 0.61 Texture: SAND
 % Silt: 4 pH: 6.0 Soil Name: TIFTON/DOTHAN
 % Clay: 2 CEC: 2.6 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Mar-24-23		0.4	IN	SPRINKLER - LATERAL MOVE		
2.	Mar-25-23		0.4	IN	RAINFALL		
3.	Mar-27-23		0.125	IN	RAINFALL		
4.	Mar-28-23		0.75	IN	RAINFALL		
5.	Apr-3-23		0.83	IN	RAINFALL		
6.	Apr-7-23		0.45	IN	SPRINKLER - LATERAL MOVE		
7.	Apr-8-23		0.42	IN	RAINFALL		
8.	Apr-14-23		0.11	IN	RAINFALL		
9.	Apr-19-23		0.5	IN	SPRINKLER - LATERAL MOVE		
10.	Apr-25-23		0.25	IN	SPRINKLER - LATERAL MOVE		
11.	Apr-27-23		1.0	IN	RAINFALL		
12.	Apr-29-23		0.65	IN	RAINFALL		
13.	May-11-23		0.5	IN	SPRINKLER - LATERAL MOVE		
14.	May-12-23		2.5	IN	RAINFALL		
15.	May-19-23		0.5	IN	SPRINKLER - LATERAL MOVE		
16.	May-20-23		0.1	IN	RAINFALL		
17.	May-22-23		0.75	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A	B
Application Date:	Mar-23-23	Apr-12-23
Time of Day:	8:00 AM	8:00 AM
Application Method:	BROADCAST	BROADCAST
Application Timing:	PRE	POST
Applic. Placement:	SOIL	FOLIAGE
Air Temp., Unit:	56 F	53 F
% Relative Humidity:	94	81
Wind Velocity, Unit:	1 MPH	2 MPH
Dew Presence (Y/N):	N	Y
Water Hardness:	--	--
Soil Temp., Unit:	60 F	60 F
Soil Moisture:	OPTIMUM	OPTIMUM
% Cloud Cover:	5	10

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ZEAMA,	ZEAMA,
Stage Scale:		V3-V4
Height, Unit:		5, IN

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WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	AMAPA,	AMAPA,
Stage Scale:		0.5-1"
Density, Unit:		
Weed 2 Code, Stage:	RAPRA,	RAPRA,
Stage Scale:		2-3"
Density, Unit:		
Weed 3 Code, Stage:	DIGSP,	DIGSP,
Stage Scale:		1-2"
Density, Unit:		
Weed 4 Code, Stage:	PANTE,	PANTE,
Stage Scale:		1-2"
Density, Unit:		
Weed 5 Code, Stage:	ELEIN,	ELEIN,
Stage Scale:		1-2"
Density, Unit:		
Weed 6 Code, Stage:	CCHEC,	CCHEC,
Stage Scale:		1-2"
Density, Unit:		

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	SAME AS A
Operating Pressure:	38	
Nozzle Type:	AIXR	
Nozzle Size:	11002	
Nozzle Spacing, Unit:	20 IN	
Nozzles/Row:		
Band Width, Unit:		
Boom Length, Unit:	60 IN	
Boom Height, Unit:	20 IN	
Ground Speed, Unit:	3.5 MPH	
Incorporation Equip.:		
Hours to Incorp.:		
Incorp. Depth, Unit:		
Carrier:	WATER	
Spray Volume, Unit:	15 GPA	
Spray pH:		
Propellant:	CO2	
Tank Mix (Y/N):		

Trt No	Treatment Application Comment

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WEED CONTROL IN FIELD CORN WITH STOREN																
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Location: PONDER FARM Investigator: Eric P. Prostko																
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	----- ZEAMA Stunting %	RAPRA ----- Control %	DIGSP ----- Control %	PANTE ----- Control %	Zeama Stunting %	Rapra Control %	Amapa Control %	PANTE Control %	CCHEC Control %	Zeama Stunting		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7	8	9	10
1	NTC						0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	0.0 -
2	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	99.0 a	97.0 b	94.8 bc	0.0 -	99.0 a	99.0 a	93.5 a	99.0 a	2.5 -
	AATREX	4 L		32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
3	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	99.0 a	98.0 ab	94.8 bc	0.0 -	98.0 a	99.0 a	96.8 a	99.0 a	3.8 -
	AATREX	4 L		32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	CALLISTO	4 SC		3.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
4	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	99.0 a	97.0 b	93.3 c	2.5 -	99.0 a	99.0 a	95.8 a	99.0 a	3.8 -
	AATREX	4 L		32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	INDUCE			0.25 % v/v	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	HALEX GT	4.38	CS	64.0 oz/a	POST	B										
5	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	99.0 a	99.0 a	96.3 ab	0.0 -	99.0 a	99.0 a	96.0 a	99.0 a	1.7 -
	AATREX	4 L		32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	INDUCE			0.25 % v/v	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	PROWL H20	3.8	SC	32.0 oz/a	POST	B										
	HALEX GT	4.38	CS	64.0 oz/a	POST	B										
6	AATREX	4 L		32.0 oz/a	PRE	A	0.0 -	86.3 b	0.0 c	0.0 d	0.0 -	81.0 b	87.3 a	18.8 b	68.5 b	6.3 -
	AMSOL			2.5 % v/v	POST	B										
	INDUCE			0.25 % v/v	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	HALEX GT	4.38	CS	64.0 oz/a	POST	B										
7	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	8.8 -
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
8	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	7.5 -
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B										
	CALLISTO	4 SC		3.0 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
9	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	5.0 -
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	LIBERTY	2.34	SL	32.0 oz/a	POST	B										
10	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	8.8 -
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B										
	CALLISTO	4 SC		3.0 oz/a	POST	B										
	AATREX	4 L		48.0 oz/a	POST	B										
	LIBERTY	2.34	SL	32.0 oz/a	POST	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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN																	
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN																	
Location: PONDER FARM Investigator: Eric P. Prostko																	
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date		----- ZEAMA Stunting %	RAPRA ----- Control %	DIGSP ---- Control %	PANTE ---- Control %	Zeama Stunting %	Rapra Control %	Amapa Control %	PANTE Control %	CCHEC Control %	Zeama Stunting		
					Apr-4-23	Apr-4-23	Apr-4-23	Apr-4-23	Apr-11-23	Apr-11-23	Apr-11-23	Apr-11-23	Apr-11-23	Apr-20-23			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Appl Code										
11	ANTHEM MAXX	4.3	SC	2.5	oz/a	PRE	A	0.0 -	96.0 a	97.0 b	97.0 ab	2.5 -	98.0 a	99.0 a	97.0 a	99.0 a	2.5 -
	AATREX	4	L	32.0	oz/a	PRE	A										
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
12	HARNESS MAX	3.85	SC	55.0	oz/a	PRE	A	0.0 -	99.0 a	99.0 a	98.0 a	2.5 -	99.0 a	99.0 a	98.0 a	99.0 a	7.5 -
	AATREX	4	L	32.0	oz/a	PRE	A										
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	CAPRENO	3.45	SC	3.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
13	AATREX	4	L	32.0	oz/a	PRE	A	0.0 -	88.8 b	0.0 c	0.0 d	0.0 -	62.5 c	66.3 b	18.8 b	46.3 c	7.5 -
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	KYRO	3.07	CS	45.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
14	AATREX	4	L	64.0	oz/a	POST	B	0.0 -	0.0 c	0.0 c	0.0 d	0.0 -	0.0 d	0.0 c	0.0 c	0.0 d	5.0 -
	PROWL H20	3.8	SC	32.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	POST	B										
LSD P=.10								3.31	1.49	3.03	2.87	14.87	15.09	17.55	13.79	5.68	
Standard Deviation						0.00	2.77	1.25	2.54	2.40	12.48	12.65	14.72	11.57	4.76		
CV						0.0	5.07	2.98	6.19	448.78	23.75	23.7	33.54	22.85	94.66		
Grand Mean						0.00	54.71	41.93	41.01	0.54	52.54	53.39	43.89	50.63	5.03		

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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Zeama Chlorosis %	Zeama Bleaching %	Rapra Control %	Amapa Control %	Digsp Control %	ELEIN Control %	Pante Control %	CCHEC Control %	Zeama Stunting %		
Rating Data Type					Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-27-23		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	11	12	13	14	15	16	17	18	19
1	NTC						0.0 -	0.0 e	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b	0.0 -
2	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	7.5 bc	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	2.5 -
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
3	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	8.8 b	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 -
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
4	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	5.0 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	2.5 -
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
5	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	5.0 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	5.0 -
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	PROWL H20	3.8	SC	32.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
6	AATREX	4	L	32.0 oz/a	PRE	A	0.0 -	5.0 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	2.5 -
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
7	AMSOL			2.5 % v/v	POST	B	0.0 -	12.5 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	5.0 -
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
8	AMSOL			2.5 % v/v	POST	B	0.0 -	15.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	8.8 -
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
9	AMSOL			2.5 % v/v	POST	B	0.0 -	12.5 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	0.0 -
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	B									
10	AMSOL			2.5 % v/v	POST	B	1.3 -	15.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	5.0 -
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

*Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Zeama	Zeama	Rapra	Amapa	Digsp	ELEIN	Pante	CCHEC	Zeama		
Crop Code						Chlorosis	Bleaching	Control	Control	Control	Control	Control	Control	Stunting		
Rating Data Type						%	%	%	%	%	%	%	%	%		
Rating Unit						Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-27-23		
Rating Date																
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	11	12	13	14	15	16	17	18	19	
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE	A	0.0 -	0.0 e	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 -	
	AATREX	4	L	32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	AATREX	4	L	48.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE	A	1.3 -	2.5 de	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	3.8 -	
	AATREX	4	L	32.0 oz/a	PRE	A										
	AMSOL			2.5 % v/v	POST	B										
	AATREX	4	L	48.0 oz/a	POST	B										
	CAPRENO	3.45	SC	3.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
13	AATREX	4	L	32.0 oz/a	PRE	A	2.5 -	2.5 de	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	0.0 -	
	AMSOL			2.5 % v/v	POST	B										
	AATREX	4	L	48.0 oz/a	POST	B										
	KYRO	3.07	CS	45.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B										
14	AATREX	4	L	64.0 oz/a	POST	B	0.0 -	1.3 e	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	0.0 -	
	PROWL H20	3.8	SC	32.0 oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST	B										
LSD P=.10							1.99	3.41	5.80	
Standard Deviation							1.67	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.86
CV							466.23	43.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.51
Grand Mean							0.36	6.61	91.93	91.93	91.93	91.93	91.93	91.93	91.93	2.68

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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Zeama	Zeama	Rapra	Amapa	Pante	ELEIN	Digsp	CCHEC	Zeama		
Crop Code					Bleaching	Chlorosis	Control	Control	Control	Control	Control	Control	Stunting		
Rating Data Type					%	%	%	%	%	%	%	%	%		
Rating Unit					Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	May-11-23		
Rating Date															
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	20	21	22	23	24	25	26	27	28
1	NTC						0.0 f	0.0 -	0.0 b	0.0 b	0.0 c	0.0 b	0.0 c	0.0 b	0.0 c
2	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	3.8 de	6.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	3.8 bc
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
3	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	7.5 c	6.3 -	99.0 a	99.0 a	98.0 b	99.0 a	99.0 a	99.0 a	3.8 bc
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
4	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	3.8 de	7.5 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 c
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
5	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	5.0 cd	8.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	6.7 ab
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	PROWL H20	3.8	SC	32.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
6	AATREX	4	L	32.0 oz/a	PRE	A	1.3 ef	7.5 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 c
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
7	AMSOL			2.5 % v/v	POST	B	11.3 b	8.8 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	2.5 bc
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
8	AMSOL			2.5 % v/v	POST	B	15.0 a	8.8 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	6.3 ab
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
9	AMSOL			2.5 % v/v	POST	B	5.0 cd	6.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	6.3 ab
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	B									
10	AMSOL			2.5 % v/v	POST	B	12.5 ab	7.5 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	8.8 a
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN																
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN																
Location: PONDER FARM Investigator: Eric P. Prostko																
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date		Zeama Bleaching %	Zeama Chlorosis %	Rapra Control %	Amapa Control %	Pante Control %	ELEIN Control %	Digsp Control %	CCHEC Control %	Zeama Stunting %		
						Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	May-11-23		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	20	21	22	23	24	25	26	27	28
11	ANTHEM MAXX	4.3	SC	2.5	oz/a	PRE	A	0.0 f	6.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	8.8 a
	AATREX	4	L	32.0	oz/a	PRE	A									
	AMSOL			2.5	% v/v	POST	B									
	AATREX	4	L	48.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
12	HARNESS MAX	3.85	SC	55.0	oz/a	PRE	A	0.0 f	6.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 c
	AATREX	4	L	32.0	oz/a	PRE	A									
	AMSOL			2.5	% v/v	POST	B									
	AATREX	4	L	48.0	oz/a	POST	B									
	CAPRENO	3.45	SC	3.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
13	AATREX	4	L	32.0	oz/a	PRE	A	2.5 def	6.3 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	1.3 c
	AMSOL			2.5	% v/v	POST	B									
	AATREX	4	L	48.0	oz/a	POST	B									
	KYRO	3.07	CS	45.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
14	AATREX	4	L	64.0	oz/a	POST	B	2.5 def	3.8 -	99.0 a	99.0 a	99.0 a	99.0 a	96.8 b	99.0 a	2.5 bc
	PROWL H20	3.8	SC	32.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	POST	B									
LSD P=.10								3.35	4.86	.	.	0.65	.	1.45	.	4.81
Standard Deviation								2.81	4.08	0.00	0.00	0.54	0.00	1.22	0.00	4.04
CV								56.2	63.72	0.0	0.0	0.59	0.0	1.33	0.0	104.32
Grand Mean								5.00	6.40	91.93	91.93	91.86	91.93	91.77	91.93	3.87

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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH STOREN															
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN															
Location: PONDER FARM Investigator: Eric P. Prostko															
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Zeama Bleaching %	Zeama Necrosis %	Rapra Control %	Amapa Control %	Pante Control %	Elein Control %	Digsp Control %	CCHEC Control %	Amapa Control %		
					May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-22-23		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	29	30	31	32	33	34	35	36	37
1	NTC						0.0 -	0.0 -	0.0 d	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
2	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	0.0 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
3	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	0.0 -	0.0 -	99.0 a	99.0 a	98.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
4	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	0.0 -	99.0 a	99.0 a	95.5 a	99.0 a	99.0 a	99.0 a	99.0 a
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
5	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	0.0 -	0.0 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	AATREX	4	L	32.0 oz/a	PRE	A									
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	PROWL H20	3.8	SC	32.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
6	AATREX	4	L	32.0 oz/a	PRE	A	0.0 -	0.0 -	99.0 a	99.0 a	96.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	AMSOL			2.5 % v/v	POST	B									
	INDUCE			0.25 % v/v	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	HALEX GT	4.38	CS	64.0 oz/a	POST	B									
7	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	98.0 ab
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
8	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B									
9	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 -	99.0 a	99.0 a	98.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	B									
10	AMSOL			2.5 % v/v	POST	B	0.0 -	0.0 -	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B									
	CALLISTO	4	SC	3.0 oz/a	POST	B									
	AATREX	4	L	48.0 oz/a	POST	B									
	LIBERTY	2.34	SL	32.0 oz/a	POST	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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH STOREN																	
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN																	
Location: PONDER FARM Investigator: Eric P. Prostko																	
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Zeama Bleaching %	Zeama Necrosis %	Rapra Control %	Amapa Control %	Pante Control %	Elein Control %	Digsp Control %	CCHEC Control %	Amapa Control %				
					May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-22-23				
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	29	30	31	32	33	34	35	36	37	
11	ANTHEM MAXX	4.3	SC	2.5	oz/a	PRE	A	0.0 -	0.0 -	93.8 c	99.0 a	85.0 b	99.0 a	99.0 a	99.0 a	96.8 b	
	AATREX	4	L	32.0	oz/a	PRE	A										
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
12	HARNESS MAX	3.85	SC	55.0	oz/a	PRE	A	0.0 -	0.0 -	98.0 a	99.0 a	97.0 a	99.0 a	99.0 a	99.0 a	98.0 ab	
	AATREX	4	L	32.0	oz/a	PRE	A										
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	CAPRENO	3.45	SC	3.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
13	AATREX	4	L	32.0	oz/a	PRE	A	0.0 -	0.0 -	96.0 b	99.0 a	95.8 a	99.0 a	99.0 a	99.0 a	99.0 a	
	AMSOL			2.5	% v/v	POST	B										
	AATREX	4	L	48.0	oz/a	POST	B										
	KYRO	3.07	CS	45.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B										
14	AATREX	4	L	64.0	oz/a	POST	B	0.0 -	0.0 -	95.0 bc	99.0 a	98.0 a	99.0 a	99.0 a	99.0 a	98.0 ab	
	PROWL H20	3.8	SC	32.0	oz/a	POST	B										
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	POST	B										
LSD P=.10								.	.	1.25	.	5.26	.	.	.	1.82	
Standard Deviation								0.00	0.00	1.05	0.00	4.41	0.00	0.00	0.00	0.00	1.53
CV								0.0	0.0	1.16	0.0	4.91	0.0	0.0	0.0	0.0	1.67
Grand Mean								0.00	0.00	90.98	91.93	89.88	91.93	91.93	91.93	91.93	91.55

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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Rapra	Digsp	Amapa	Agrass	TOTAL WEED	-----	-----		
Crop Code					Control	Control	Control	Control	Cover	ZEAMA	ZEAMA		
Rating Data Type					%	%	%	%	%	YIELD	YIELD		
Rating Unit					May-22-23	May-22-23	Aug-18-23	Aug-18-23	Aug-18-23	LBS/PLOT	BU/A		
Rating Date										Sep-5-23	Sep-5-23		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code							
1	NTC						38	39	40	41	42	43	44
							0.0 d	0.0 e	0.0 d	0.0 g	100.0 a	43.0 d	223 d
2	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	99.0 a	98.0 ab	98.0 ab	78.8 abc	32.5 d-g	47.8 bc	248 bc
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
3	STOREN (A23980)	3.22	ZC	28.8 oz/a	PRE	A	99.0 a	97.0 ab	95.0 c	73.8 a-d	43.8 cde	49.5 abc	257 abc
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	STOREN (A23980)	3.22	ZC	28.8 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	CALLISTO	4	SC	3.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
4	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	99.0 a	93.5 abc	98.0 ab	61.3 cde	46.3 cde	50.7 ab	263 ab
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	INDUCE			0.25 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	HALEX GT	4.38	CS	64.0 oz/a	POST	B							
5	STOREN (A23980)	3.22	ZC	38.4 oz/a	PRE	A	99.0 a	97.7 ab	97.7 ab	90.0 a	23.3 efg	48.3 bc	251 bc
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	INDUCE			0.25 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	PROWL H20	3.8	SC	32.0 oz/a	POST	B							
	HALEX GT	4.38	CS	64.0 oz/a	POST	B							
6	AATREX	4	L	32.0 oz/a	PRE	A	99.0 a	92.3 bc	97.0 abc	78.8 abc	38.8 c-f	52.7 a	273 a
	AMSOL			2.5 % v/v	POST	B							
	INDUCE			0.25 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	HALEX GT	4.38	CS	64.0 oz/a	POST	B							
7	AMSOL			2.5 % v/v	POST	B	99.0 a	97.0 ab	99.0 a	83.8 abc	23.8 efg	50.3 ab	261 ab
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
8	AMSOL			2.5 % v/v	POST	B	99.0 a	99.0 a	98.0 ab	88.8 ab	15.0 g	48.3 bc	251 bc
	STOREN (A23980)	3.22	ZC	57.6 oz/a	POST	B							
	CALLISTO	4	SC	3.0 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
9	AMSOL			2.5 % v/v	POST	B	99.0 a	98.0 ab	99.0 a	87.5 ab	20.0 fg	49.3 abc	256 abc
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	LIBERTY	2.34	SL	32.0 oz/a	POST	B							
10	AMSOL			2.5 % v/v	POST	B	98.0 ab	98.0 ab	99.0 a	66.3 b-e	40.0 c-f	49.8 abc	258 abc
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST	B							
	CALLISTO	4	SC	3.0 oz/a	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	LIBERTY	2.34	SL	32.0 oz/a	POST	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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Rapra	Digsp	Amapa	Agrass	TOTAL WEED	-----	-----	
Crop Code						Control	Control	Control	Control	Cover	ZEAMA	ZEAMA	
Rating Data Type						%	%	%	%	%	YIELD	YIELD	
Rating Unit						%	%	%	%	%	LBS/PLOT	BU/A	
Rating Date						May-22-23	May-22-23	Aug-18-23	Aug-18-23	Aug-18-23	Sep-5-23	Sep-5-23	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	38	39	40	41	42	43	44
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE	A	96.0 c	82.5 d	95.8 bc	31.3 f	71.3 b	46.8 bcd	243 bcd
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE	A	99.0 a	90.0 c	96.3 bc	66.3 b-e	45.0 cde	45.8 cd	237 cd
	AATREX	4	L	32.0 oz/a	PRE	A							
	AMSOL			2.5 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	CAPRENO	3.45	SC	3.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
13	AATREX	4	L	32.0 oz/a	PRE	A	98.0 ab	93.5 abc	98.0 ab	50.0 ef	52.5 bcd	47.8 bc	248 bc
	AMSOL			2.5 % v/v	POST	B							
	AATREX	4	L	48.0 oz/a	POST	B							
	KYRO	3.07	CS	45.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST	B							
14	AATREX	4	L	64.0 oz/a	POST	B	97.0 bc	96.0 ab	98.0 ab	53.8 def	56.3 bc	46.7 bcd	242 bcd
	PROWL H20	3.8	SC	32.0 oz/a	POST	B							
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST	B							
LSD P=.10						1.38	5.87	2.36	23.68	23.25	4.06	21.1	
Standard Deviation						1.16	4.92	1.98	19.86	19.50	3.40	17.6	
CV						1.27	5.59	2.19	30.55	44.88	7.03	7.03	
Grand Mean						91.43	88.03	90.62	65.00	43.45	48.32	250.7	

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=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

Could not calculate LSD (% mean diff) for columns 1,13,14,15,16,17,18,22,23,25,27,29,30,32,34,35,36 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN						
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN Location: PONDER FARM Investigator: Eric P. Prostko						
Randomized Complete Block (RCB) AOV For ----- ZEAMA Stunting % Apr-4-23 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	13	0.000000000000	0.000000000000	0.000	1.0000	
Error	38	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control % Apr-4-23 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	126801.428571				
Replicate	3	7.285714	2.428571	0.316	0.8138	
Treatment	13	126501.928571	9730.917582	1265.424	0.0001	
Error	38	292.214286	7.689850			
Randomized Complete Block (RCB) AOV For DIGSP ---- Control % Apr-4-23 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	131343.714286				
Replicate	3	0.857143	0.285714	0.184	0.9069	
Treatment	13	131283.714286	10098.747253	6488.567	0.0001	
Error	38	59.142857	1.556391			
Randomized Complete Block (RCB) AOV For PANTE ----- Control % Apr-4-23 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	125876.775794				
Replicate	3	20.148810	6.716270	1.043	0.3848	
Treatment	13	125611.859127	9662.450702	1500.087	0.0001	
Error	38	244.767857	6.441259			
Randomized Complete Block (RCB) AOV For Zeama Stunting % Apr-11-23 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	283.928571				
Replicate	3	5.357143	1.785714	0.309	0.8188	
Treatment	13	58.928571	4.532967	0.784	0.6713	
Error	38	219.642857	5.780075			
Randomized Complete Block (RCB) AOV For Rapra Control % Apr-11-23 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	127687.928571				
Replicate	3	816.357143	272.119048	1.748	0.1735	
Treatment	13	120956.928571	9304.379121	59.778	0.0001	
Error	38	5914.642857	155.648496			
Randomized Complete Block (RCB) AOV For Amapa Control % Apr-11-23 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	130005.357143				
Replicate	3	334.071429	111.357143	0.695	0.5606	
Treatment	13	123585.857143	9506.604396	59.363	0.0001	
Error	38	6085.428571	160.142857			
Randomized Complete Block (RCB) AOV For PANTE Control % Apr-11-23 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	125665.357143				
Replicate	3	508.785714	169.595238	0.783	0.5110	
Treatment	13	116923.357143	8994.104396	41.512	0.0001	
Error	38	8233.214286	216.663534			
Randomized Complete Block (RCB) AOV For CCHC Control % Apr-11-23 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	124353.125000				
Replicate	3	241.482143	80.494048	0.602	0.6180	
Treatment	13	119027.375000	9155.951923	68.432	0.0001	
Error	38	5084.267857	133.796523			
Randomized Complete Block (RCB) AOV For Zeama Stunting Apr-20-23 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	1686.061508				
Replicate	3	423.958333	141.319444	6.234	0.0015	
Treatment	13	400.644841	30.818834	1.359	0.2239	
Error	38	861.458333	22.669956			

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WEED CONTROL IN FIELD CORN WITH STOREN					
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN Location: PONDER FARM Investigator: Eric P. Prostko					
Randomized Complete Block (RCB) AOV For Zeama Chlorosis % Apr-20-23 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	142.857143			
Replicate	3	7.142857	2.380952	0.859	0.4708
Treatment	13	30.357143	2.335165	0.842	0.6155
Error	38	105.357143	2.772556		
Randomized Complete Block (RCB) AOV For Zeama Bleaching % Apr-20-23 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	1855.357143			
Replicate	3	51.785714	17.261905	2.111	0.1149
Treatment	13	1492.857143	114.835165	14.044	0.0001
Error	38	310.714286	8.176692		
Randomized Complete Block (RCB) AOV For Rapra Control % Apr-20-23 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Amapa Control % Apr-20-23 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Digsp Control % Apr-20-23 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For ELEIN Control % Apr-20-23 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Pante Control % Apr-20-23 (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For CCHC Control % Apr-20-23 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	36403.714286			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	13	36403.714286	2800.285714	0.000	1.0000
Error	38	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Zeama Stunting % Apr-27-23 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	1298.214286			
Replicate	3	51.785714	17.261905	0.730	0.5403
Treatment	13	348.214286	26.785714	1.133	0.3633
Error	38	898.214286	23.637218		
Randomized Complete Block (RCB) AOV For Zeama Bleaching % Apr-27-23 (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	1550.000000			
Replicate	3	25.000000	8.333333	1.056	0.3793
Treatment	13	1225.000000	94.230769	11.936	0.0001
Error	38	300.000000	7.894737		

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WEED CONTROL IN FIELD CORN WITH STOREN						
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN Location: PONDER FARM Investigator: Eric P. Prostko						
Randomized Complete Block (RCB) AOV For Zeama Chlorosis % Apr-27-23 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	926.537698				
Replicate	3	28.720238	9.573413	0.576	0.6344	
Treatment	13	266.121032	20.470849	1.231	0.2962	
Error	38	631.696429	16.623590			
Randomized Complete Block (RCB) AOV For Rapra Control % Apr-27-23 (Data Column 22)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Amapa Control % Apr-27-23 (Data Column 23)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Pante Control % Apr-27-23 (Data Column 24)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36362.857143				
Replicate	3	0.857143	0.285714	0.974	0.4149	
Treatment	13	36350.857143	2796.219780	9535.826	0.0001	
Error	38	11.142857	0.293233			
Randomized Complete Block (RCB) AOV For ELEIN Control % Apr-27-23 (Data Column 25)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Digsp Control % Apr-27-23 (Data Column 26)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36355.982143				
Replicate	3	4.339286	1.446429	0.974	0.4149	
Treatment	13	36295.232143	2791.940934	1880.738	0.0001	
Error	38	56.410714	1.484492			
Randomized Complete Block (RCB) AOV For CCHC Control % Apr-27-23 (Data Column 27)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Zeama Stunting % May-11-23 (Data Column 28)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	1106.150794				
Replicate	3	35.119048	11.706349	0.719	0.5471	
Treatment	13	451.984127	34.768010	2.134	0.0348	
Error	38	619.047619	16.290727			
Randomized Complete Block (RCB) AOV For Zeama Bleaching % May-11-23 (Data Column 29)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	13	0.000000000000	0.000000000000	0.000	1.0000	
Error	38	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For Zeama Necrosis % May-11-23 (Data Column 30)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	13	0.000000000000	0.000000000000	0.000	1.0000	
Error	38	0.000000000000	0.000000000000			

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WEED CONTROL IN FIELD CORN WITH STOREN						
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN Location: PONDER FARM Investigator: Eric P. Prostko						
Randomized Complete Block (RCB) AOV For Rapra Control % May-11-23 (Data Column 31)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	35860.982143				
Replicate	3	0.767857	0.255952	0.232	0.8737	
Treatment	13	35818.232143	2755.248626	2493.904	0.0001	
Error	38	41.982143	1.104793			
Randomized Complete Block (RCB) AOV For Amapa Control % May-11-23 (Data Column 32)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Pante Control % May-11-23 (Data Column 33)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36296.125000				
Replicate	3	75.625000	25.208333	1.294	0.2904	
Treatment	13	35480.375000	2729.259615	140.127	0.0001	
Error	38	740.125000	19.476974			
Randomized Complete Block (RCB) AOV For Elein Control % May-11-23 (Data Column 34)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Digsp Control % May-11-23 (Data Column 35)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For CCHC Control % May-11-23 (Data Column 36)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36403.714286				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	13	36403.714286	2800.285714	0.000	1.0000	
Error	38	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Amapa Control % May-22-23 (Data Column 37)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36227.839286				
Replicate	3	8.196429	2.732143	1.172	0.3330	
Treatment	13	36131.089286	2779.314560	1192.656	0.0001	
Error	38	88.553571	2.330357			
Randomized Complete Block (RCB) AOV For Rapra Control % May-22-23 (Data Column 38)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	36105.714286				
Replicate	3	0.857143	0.285714	0.212	0.8873	
Treatment	13	36053.714286	2773.362637	2060.655	0.0001	
Error	38	51.142857	1.345865			
Randomized Complete Block (RCB) AOV For Digsp Control % May-22-23 (Data Column 39)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	35579.394841				
Replicate	3	270.196429	90.065476	3.719	0.0194	
Treatment	13	34388.978175	2645.306013	109.236	0.0001	
Error	38	920.220238	24.216322			
Randomized Complete Block (RCB) AOV For Amapa Control % Aug-18-23 (Data Column 40)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	54	35602.317460				
Replicate	3	3.142857	1.047619	0.267	0.8487	
Treatment	13	35450.150794	2726.934676	695.349	0.0001	
Error	38	149.023810	3.921679			

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WEED CONTROL IN FIELD CORN WITH STOREN					
Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN Location: PONDER FARM Investigator: Eric P. Prostko					
Randomized Complete Block (RCB) AOV For Agrass Control % Aug-18-23 (Data Column 41)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	50650.000000			
Replicate	3	2725.000000	908.333333	2.303	0.0925
Treatment	13	32937.500000	2533.653846	6.424	0.0001
Error	38	14987.500000	394.407895		
Randomized Complete Block (RCB) AOV For TOTAL WEED Cover % Aug-18-23 (Data Column 42)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	54	42260.317460			
Replicate	3	1677.380952	559.126984	1.470	0.2380
Treatment	13	26131.150794	2010.088523	5.285	0.0001
Error	38	14451.785714	380.310150		
Randomized Complete Block (RCB) AOV For ----- ZEAMA YIELD LBS/PLOT Sep-5-23 (Data Column 43)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	49	678.315476			
Replicate	3	4.815476	1.605159	0.139	0.9359
Treatment	13	292.732143	22.517857	1.952	0.0601
Error	33	380.767857	11.538420		
Randomized Complete Block (RCB) AOV For ----- ZEAMA YIELD BU/A Sep-5-23 (Data Column 44)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	49	18262.604020			
Replicate	3	129.649312	43.216437	0.139	0.9359
Treatment	13	7881.364051	606.258773	1.952	0.0601
Error	33	10251.590658	310.654262		
<u>Rating Unit</u> % = PERCENT <u>ARM Action Codes</u> TY1 = 5.18878276*[43]					

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WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Zeama	Zeama	Zeama	Rapra	Amapa	Digsp	ELEIN	Pante
Crop Code						Stunting	Chlorosis	Bleaching	Control	Control	Control	Control	Control
Rating Data Type						%	%	%	%	%	%	%	%
Rating Unit						Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23
Rating Date						10	11	12	13	14	15	16	17
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot					
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								211	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	102	0.0	0.0	10.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	208	10.0	0.0	0.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	313	0.0	0.0	10.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	410	0.0	0.0	10.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B						
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B						
								Mean =	2.5	0.0	7.5	99.0	99.0
3	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	103	0.0	0.0	15.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	210	10.0	0.0	10.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	307	5.0	0.0	5.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	401	0.0	0.0	5.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B						
	CALLISTO	4	SC	3.0	oz/a	POST	B						
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B						
								Mean =	3.8	0.0	8.8	99.0	99.0
4	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	104	5.0	0.0	5.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	214	5.0	0.0	10.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	302	5.0	0.0	0.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	412	0.0	0.0	5.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B						
	HALEX GT	4.38	CS	64.0	oz/a	POST	B						
								Mean =	3.8	0.0	5.0	99.0	99.0
5	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	105	0.0	0.0	0.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	203	0.0	0.0	0.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	308	5.0	0.0	5.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	404	0.0	0.0	10.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B						
	PROWL H20	3.8	SC	32.0	oz/a	POST	B						
	HALEX GT	4.38	CS	64.0	oz/a	POST	B						
								Mean =	1.7	0.0	5.0	99.0	99.0
6	AATREX	4	L	32.0	oz/a	PRE	A	106	10.0	0.0	5.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	212	0.0	0.0	5.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	304	15.0	0.0	5.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	402	0.0	0.0	5.0	99.0	99.0
	HALEX GT	4.38	CS	64.0	oz/a	POST	B						
								Mean =	6.3	0.0	5.0	99.0	99.0
7	AMSOL			2.5	% v/v	POST	B	107	10.0	0.0	15.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	205	15.0	0.0	10.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	314	10.0	0.0	10.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	406	0.0	0.0	15.0	99.0	99.0
								Mean =	8.8	0.0	12.5	99.0	99.0
8	AMSOL			2.5	% v/v	POST	B	108	10.0	0.0	15.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	206	10.0	0.0	15.0	99.0	99.0
	CALLISTO	4	SC	3.0	oz/a	POST	B	309	10.0	0.0	15.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	411	0.0	0.0	15.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B						
								Mean =	7.5	0.0	15.0	99.0	99.0
9	AMSOL			2.5	% v/v	POST	B	109	10.0	0.0	15.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	38.4	oz/a	POST	B	207	10.0	0.0	10.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	303	0.0	0.0	10.0	99.0	99.0
	LIBERTY	2.34	SL	32.0	oz/a	POST	B	408	0.0	0.0	15.0	99.0	99.0
								Mean =	5.0	0.0	12.5	99.0	99.0

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WEED CONTROL IN FIELD CORN WITH STOREN
 Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Zeama	Zeama	Zeama	Rapra	Amapa	Digsp	ELEIN	Pante	
Crop Code						Stunting	Chlorosis	Bleaching	Control	Control	Control	Control	Control	
Rating Data Type						%	%	%	%	%	%	%	%	
Rating Unit						Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	Apr-20-23	
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	10	11	12	13	14	15	16	17
10	AMSOL			2.5 % v/v	POST B	110	10.0	0.0	15.0	99.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST B	201	10.0	5.0	15.0	99.0	99.0	99.0	99.0	99.0
	CALLISTO	4	SC	3.0 oz/a	POST B	305	15.0	0.0	15.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	407	0.0	0.0	15.0	99.0	99.0	99.0	99.0	99.0
	LIBERTY	2.34	SL	32.0 oz/a	POST B									
						Mean =	8.8	1.3	15.0	99.0	99.0	99.0	99.0	99.0
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE A	111	10.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	PRE A	213	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	310	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	409	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	2.5	0.0	0.0	99.0	99.0	99.0	99.0	99.0
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE A	112	10.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	PRE A	204	20.0	5.0	0.0	99.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	312	0.0	0.0	5.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	403	0.0	0.0	5.0	99.0	99.0	99.0	99.0	99.0
	CAPRENO	3.45	SC	3.0 oz/a	POST B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	7.5	1.3	2.5	99.0	99.0	99.0	99.0	99.0
13	AATREX	4	L	32.0 oz/a	PRE A	113	10.0	0.0	5.0	99.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	209	10.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	301	0.0	10.0	5.0	99.0	99.0	99.0	99.0	99.0
	KYRO	3.07	CS	45.0 oz/a	POST B	413	10.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	7.5	2.5	2.5	99.0	99.0	99.0	99.0	99.0
14	AATREX	4	L	64.0 oz/a	POST B	114	10.0	0.0	5.0	99.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8	SC	32.0 oz/a	POST B	202	10.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST B	311	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
						414	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0
						Mean =	5.0	0.0	1.3	99.0	99.0	99.0	99.0	99.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						CCHEC	Zeama	Zeama	Zeama	Rapra	Amapa	Pante	ELEIN			
Crop Code						Control	Stunting	Bleaching	Chlorosis	Control	Control	Control	Control			
Rating Data Type						%	%	%	%	%	%	%	%			
Rating Unit						Apr-20-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23			
Rating Date																
Trt	Treatment	Form	Form	Rate	Grow	Appl										
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	18	19	20	21	22	23	24	25
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	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	0.0	0.0
2	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	102	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	208	99.0	10.0	5.0	10.0	99.0	99.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	313	99.0	0.0	5.0	10.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	410	99.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
								Mean =	99.0	2.5	3.8	6.3	99.0	99.0	99.0	99.0
3	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE	A	103	99.0	0.0	10.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	210	99.0	5.0	10.0	10.0	99.0	99.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	307	99.0	0.0	5.0	5.0	99.0	99.0	95.0	99.0
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST	B	401	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B									
	CALLISTO	4	SC	3.0	oz/a	POST	B									
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
								Mean =	99.0	1.3	7.5	6.3	99.0	99.0	98.0	99.0
4	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	104	99.0	5.0	0.0	10.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	214	99.0	0.0	10.0	15.0	99.0	99.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	302	99.0	5.0	5.0	0.0	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	412	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B									
	HALEX GT	4.38	CS	64.0	oz/a	POST	B									
								Mean =	99.0	2.5	3.8	7.5	99.0	99.0	99.0	99.0
5	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE	A	105	99.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0	oz/a	PRE	A	203	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	308	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	404	99.0	15.0	5.0	15.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B									
	PROWL H20	3.8	SC	32.0	oz/a	POST	B									
	HALEX GT	4.38	CS	64.0	oz/a	POST	B									
								Mean =	99.0	5.0	5.0	8.3	99.0	99.0	99.0	99.0
6	AATREX	4	L	32.0	oz/a	PRE	A	106	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AMSOL			2.5	% v/v	POST	B	212	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	B	304	99.0	10.0	0.0	15.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	402	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	HALEX GT	4.38	CS	64.0	oz/a	POST	B									
								Mean =	99.0	2.5	1.3	7.5	99.0	99.0	99.0	99.0
7	AMSOL			2.5	% v/v	POST	B	107	99.0	0.0	10.0	5.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	205	99.0	15.0	10.0	10.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	314	99.0	5.0	10.0	15.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B	406	99.0	0.0	15.0	5.0	99.0	99.0	99.0	99.0
								Mean =	99.0	5.0	11.3	8.8	99.0	99.0	99.0	99.0
8	AMSOL			2.5	% v/v	POST	B	108	99.0	15.0	15.0	10.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST	B	206	99.0	10.0	15.0	10.0	99.0	99.0	99.0	99.0
	CALLISTO	4	SC	3.0	oz/a	POST	B	309	99.0	0.0	15.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	411	99.0	10.0	15.0	10.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST	B									
								Mean =	99.0	8.8	15.0	8.8	99.0	99.0	99.0	99.0
9	AMSOL			2.5	% v/v	POST	B	109	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	38.4	oz/a	POST	B	207	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0	oz/a	POST	B	303	99.0	0.0	10.0	5.0	99.0	99.0	99.0	99.0
	LIBERTY	2.34	SL	32.0	oz/a	POST	B	408	99.0	0.0	5.0	10.0	99.0	99.0	99.0	99.0
								Mean =	99.0	0.0	5.0	6.3	99.0	99.0	99.0	99.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN
 Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						CCHEC	Zeama	Zeama	Zeama	Rapra	Amapa	Pante	ELEIN	
Crop Code						Control	Stunting	Bleaching	Chlorosis	Control	Control	Control	Control	
Rating Data Type						%	%	%	%	%	%	%	%	
Rating Unit						Apr-20-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	Apr-27-23	
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	18	19	20	21	22	23	24	25
10	AMSOL			2.5 % v/v	POST B	110	99.0	0.0	15.0	10.0	99.0	99.0	99.0	99.0
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST B	201	99.0	5.0	10.0	5.0	99.0	99.0	99.0	99.0
	CALLISTO	4	SC	3.0 oz/a	POST B	305	99.0	15.0	15.0	10.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	407	99.0	0.0	10.0	5.0	99.0	99.0	99.0	99.0
	LIBERTY	2.34	SL	32.0 oz/a	POST B									
						Mean =	99.0	5.0	12.5	7.5	99.0	99.0	99.0	99.0
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE A	111	99.0	5.0	0.0	0.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	PRE A	213	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	310	99.0	0.0	0.0	10.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	409	99.0	0.0	0.0	10.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	99.0	1.3	0.0	6.3	99.0	99.0	99.0	99.0
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE A	112	99.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	PRE A	204	99.0	15.0	0.0	10.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	312	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	403	99.0	0.0	0.0	10.0	99.0	99.0	99.0	99.0
	CAPRENO	3.45	SC	3.0 oz/a	POST B									
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	99.0	3.8	0.0	6.3	99.0	99.0	99.0	99.0
13	AATREX	4	L	32.0 oz/a	PRE A	113	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	209	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	AATREX	4	L	48.0 oz/a	POST B	301	99.0	0.0	5.0	10.0	99.0	99.0	99.0	99.0
	KYRO	3.07	CS	45.0 oz/a	POST B	413	99.0	0.0	5.0	5.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B									
						Mean =	99.0	0.0	2.5	6.3	99.0	99.0	99.0	99.0
14	AATREX	4	L	64.0 oz/a	POST B	114	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8	SC	32.0 oz/a	POST B	202	99.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST B	311	99.0	0.0	10.0	5.0	99.0	99.0	99.0	99.0
						414	99.0	0.0	0.0	5.0	99.0	99.0	99.0	99.0
						Mean =	99.0	0.0	2.5	3.8	99.0	99.0	99.0	99.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Digsp	CCHEC	Zeama	Zeama	Zeama	Rapra	Amapa	Pante	
Crop Code						Control	Control	Stunting	Bleaching	Necrosis	Control	Control	Control	
Rating Data Type						%	%	%	%	%	%	%	%	
Rating Unit						Apr-27-23	Apr-27-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	26	27	28	29	30	31	32	33
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						306	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						405	0.0	0.0	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	0.0	0.0
2	STOREN (A23980)	3.22 ZC		28.8 oz/a	PRE A	102	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE A	208	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	313	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	STOREN (A23980)	3.22 ZC		28.8 oz/a	POST B	410	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B									
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	3.8	0.0	0.0	99.0	99.0	99.0
3	STOREN (A23980)	3.22 ZC		28.8 oz/a	PRE A	103	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE A	210	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	307	99.0	99.0	10.0	0.0	0.0	99.0	99.0	95.0
	STOREN (A23980)	3.22 ZC		28.8 oz/a	POST B	401	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B									
	CALLISTO	4 SC		3.0 oz/a	POST B									
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	3.8	0.0	0.0	99.0	99.0	98.0
4	STOREN (A23980)	3.22 ZC		38.4 oz/a	PRE A	104	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE A	214	99.0	99.0	0.0	0.0	0.0	99.0	99.0	85.0
	AMSOL			2.5 % v/v	POST B	302	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST B	412	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B									
	HALEX GT	4.38 CS		64.0 oz/a	POST B									
						Mean =	99.0	99.0	1.3	0.0	0.0	99.0	99.0	95.5
5	STOREN (A23980)	3.22 ZC		38.4 oz/a	PRE A	105	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE A	203	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	POST B	308	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST B	404	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B									
	PROWL H20	3.8 SC		32.0 oz/a	POST B									
	HALEX GT	4.38 CS		64.0 oz/a	POST B									
						Mean =	99.0	99.0	6.7	0.0	0.0	99.0	99.0	99.0
6	AATREX	4 L		32.0 oz/a	PRE A	106	99.0	99.0	0.0	0.0	0.0	99.0	99.0	95.0
	AMSOL			2.5 % v/v	POST B	212	99.0	99.0	0.0	0.0	0.0	99.0	99.0	95.0
	INDUCE			0.25 % v/v	POST B	304	99.0	99.0	5.0	0.0	0.0	99.0	99.0	95.0
	AATREX	4 L		48.0 oz/a	POST B	402	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	HALEX GT	4.38 CS		64.0 oz/a	POST B									
						Mean =	99.0	99.0	1.3	0.0	0.0	99.0	99.0	96.0
7	AMSOL			2.5 % v/v	POST B	107	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	STOREN (A23980)	3.22 ZC		57.6 oz/a	POST B	205	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B	314	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B	406	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
						Mean =	99.0	99.0	2.5	0.0	0.0	99.0	99.0	99.0
8	AMSOL			2.5 % v/v	POST B	108	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	STOREN (A23980)	3.22 ZC		57.6 oz/a	POST B	206	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	CALLISTO	4 SC		3.0 oz/a	POST B	309	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B	411	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	6.3	0.0	0.0	99.0	99.0	99.0
9	AMSOL			2.5 % v/v	POST B	109	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	STOREN (A23980)	3.22 ZC		38.4 oz/a	POST B	207	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B	303	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	LIBERTY	2.34 SL		32.0 oz/a	POST B	408	99.0	99.0	10.0	0.0	0.0	99.0	99.0	95.0
						Mean =	99.0	99.0	6.3	0.0	0.0	99.0	99.0	98.0

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WEED CONTROL IN FIELD CORN WITH STOREN
 Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Digsp	CCHEC	Zeama	Zeama	Zeama	Rapra	Amapa	Pante	
Crop Code						Control	Control	Stunting	Bleaching	Necrosis	Control	Control	Control	
Rating Data Type						%	%	%	%	%	%	%	%	
Rating Unit						Apr-27-23	Apr-27-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	May-11-23	
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	26	27	28	29	30	31	32	33
10	AMSOL			2.5 % v/v	POST B	110	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	STOREN (A23980)	3.22 ZC		38.4 oz/a	POST B	201	99.0	99.0	5.0	0.0	0.0	99.0	99.0	99.0
	CALLISTO	4 SC		3.0 oz/a	POST B	305	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B	407	99.0	99.0	10.0	0.0	0.0	99.0	99.0	99.0
	LIBERTY	2.34 SL		32.0 oz/a	POST B									
						Mean =	99.0	99.0	8.8	0.0	0.0	99.0	99.0	99.0
11	ANTHEM MAXX	4.3 SC		2.5 oz/a	PRE A	111	99.0	99.0	10.0	0.0	0.0	95.0	99.0	65.0
	AATREX	4 L		32.0 oz/a	PRE A	213	99.0	99.0	0.0	0.0	0.0	95.0	99.0	90.0
	AMSOL			2.5 % v/v	POST B	310	99.0	99.0	10.0	0.0	0.0	90.0	99.0	95.0
	AATREX	4 L		48.0 oz/a	POST B	409	99.0	99.0	15.0	0.0	0.0	95.0	99.0	90.0
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	8.8	0.0	0.0	93.8	99.0	85.0
12	HARNESS MAX	3.85 SC		55.0 oz/a	PRE A	112	99.0	99.0	0.0	0.0	0.0	99.0	99.0	95.0
	AATREX	4 L		32.0 oz/a	PRE A	204	99.0	99.0	5.0	0.0	0.0	95.0	99.0	95.0
	AMSOL			2.5 % v/v	POST B	312	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	AATREX	4 L		48.0 oz/a	POST B	403	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	CAPRENO	3.45 SC		3.0 oz/a	POST B									
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	1.3	0.0	0.0	98.0	99.0	97.0
13	AATREX	4 L		32.0 oz/a	PRE A	113	99.0	99.0	0.0	0.0	0.0	95.0	99.0	95.0
	AMSOL			2.5 % v/v	POST B	209	99.0	99.0	5.0	0.0	0.0	95.0	99.0	90.0
	AATREX	4 L		48.0 oz/a	POST B	301	99.0	99.0	0.0	0.0	0.0	99.0	99.0	99.0
	KYRO	3.07 CS		45.0 oz/a	POST B	413	99.0	99.0	0.0	0.0	0.0	95.0	99.0	99.0
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B									
						Mean =	99.0	99.0	1.3	0.0	0.0	96.0	99.0	95.8
14	AATREX	4 L		64.0 oz/a	POST B	114	90.0	99.0	0.0	0.0	0.0	95.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	POST B	202	99.0	99.0	0.0	0.0	0.0	95.0	99.0	95.0
	ROUNDUP POWERMAX3	5.88 SL		22.0 oz/a	POST B	311	99.0	99.0	10.0	0.0	0.0	95.0	99.0	99.0
						414	99.0	99.0	0.0	0.0	0.0	95.0	99.0	99.0
						Mean =	96.8	99.0	2.5	0.0	0.0	95.0	99.0	98.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

							Elein	Digsp	CCHEC	Amapa	Rapra	Digsp	Amapa	Agrass	
							Control %	Control %	Control %	Control %	Control %	Control %	Control %	Control %	Control %
							May-11-23	May-11-23	May-11-23	May-22-23	May-22-23	May-22-23	Aug-18-23	Aug-18-23	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot									
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
						211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
						306	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
						405	0.0	0.0	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	0.0	0.0	
2	STOREN (A23980)	3.22 ZC		28.8 oz/a	PRE A	102	99.0	99.0	99.0	99.0	99.0	95.0	99.0	75.0	
	AATREX	4 L		32.0 oz/a	PRE A	208	99.0	99.0	99.0	99.0	99.0	99.0	95.0	75.0	
	AMSOL			2.5 % v/v	POST B	313	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
	STOREN (A23980)	3.22 ZC		28.8 oz/a	POST B	410	99.0	99.0	99.0	99.0	99.0	99.0	99.0	70.0	
	AATREX	4 L		48.0 oz/a	POST B										
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	98.0	98.0	78.8	
3	STOREN (A23980)	3.22 ZC		28.8 oz/a	PRE A	103	99.0	99.0	99.0	99.0	99.0	99.0	95.0	85.0	
	AATREX	4 L		32.0 oz/a	PRE A	210	99.0	99.0	99.0	99.0	99.0	95.0	95.0	70.0	
	AMSOL			2.5 % v/v	POST B	307	99.0	99.0	99.0	99.0	99.0	95.0	95.0	65.0	
	STOREN (A23980)	3.22 ZC		28.8 oz/a	POST B	401	99.0	99.0	99.0	99.0	99.0	99.0	95.0	75.0	
	AATREX	4 L		48.0 oz/a	POST B										
	CALLISTO	4 SC		3.0 oz/a	POST B										
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	97.0	95.0	73.8	
4	STOREN (A23980)	3.22 ZC		38.4 oz/a	PRE A	104	99.0	99.0	99.0	99.0	99.0	95.0	95.0	95.0	
	AATREX	4 L		32.0 oz/a	PRE A	214	99.0	99.0	99.0	99.0	99.0	85.0	99.0	0.0	
	AMSOL			2.5 % v/v	POST B	302	99.0	99.0	99.0	99.0	99.0	95.0	99.0	60.0	
	INDUCE			0.25 % v/v	POST B	412	99.0	99.0	99.0	99.0	99.0	99.0	99.0	90.0	
	AATREX	4 L		48.0 oz/a	POST B										
	HALEX GT	4.38 CS		64.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	93.5	98.0	61.3	
5	STOREN (A23980)	3.22 ZC		38.4 oz/a	PRE A	105	99.0	99.0	99.0	99.0	99.0	95.0	99.0	90.0	
	AATREX	4 L		32.0 oz/a	PRE A	203	99.0	99.0	99.0	99.0	99.0	95.0	99.0	90.0	
	AMSOL			2.5 % v/v	POST B	308	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
	INDUCE			0.25 % v/v	POST B	404	99.0	99.0	99.0	99.0	99.0	99.0	95.0	85.0	
	AATREX	4 L		48.0 oz/a	POST B										
	PROWL H20	3.8 SC		32.0 oz/a	POST B										
	HALEX GT	4.38 CS		64.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	97.7	97.7	90.0	
6	AATREX	4 L		32.0 oz/a	PRE A	106	99.0	99.0	99.0	99.0	99.0	90.0	95.0	80.0	
	AMSOL			2.5 % v/v	POST B	212	99.0	99.0	99.0	99.0	99.0	85.0	95.0	85.0	
	INDUCE			0.25 % v/v	POST B	304	99.0	99.0	99.0	99.0	99.0	95.0	99.0	70.0	
	AATREX	4 L		48.0 oz/a	POST B	402	99.0	99.0	99.0	99.0	99.0	99.0	99.0	80.0	
	HALEX GT	4.38 CS		64.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	92.3	97.0	78.8	
7	AMSOL			2.5 % v/v	POST B	107	99.0	99.0	99.0	99.0	99.0	95.0	99.0	95.0	
	STOREN (A23980)	3.22 ZC		57.6 oz/a	POST B	205	99.0	99.0	99.0	95.0	99.0	99.0	99.0	85.0	
	AATREX	4 L		48.0 oz/a	POST B	314	99.0	99.0	99.0	99.0	99.0	99.0	99.0	60.0	
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B	406	99.0	99.0	99.0	99.0	99.0	95.0	99.0	95.0	
						Mean =	99.0	99.0	99.0	98.0	99.0	97.0	99.0	83.8	
8	AMSOL			2.5 % v/v	POST B	108	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
	STOREN (A23980)	3.22 ZC		57.6 oz/a	POST B	206	99.0	99.0	99.0	99.0	99.0	99.0	95.0	80.0	
	CALLISTO	4 SC		3.0 oz/a	POST B	309	99.0	99.0	99.0	99.0	99.0	99.0	99.0	85.0	
	AATREX	4 L		48.0 oz/a	POST B	411	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
	ROUNDUP POWERMAX3	5.88 SL		28.0 oz/a	POST B										
						Mean =	99.0	99.0	99.0	99.0	99.0	99.0	98.0	88.8	
9	AMSOL			2.5 % v/v	POST B	109	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
	STOREN (A23980)	3.22 ZC		38.4 oz/a	POST B	207	99.0	99.0	99.0	99.0	99.0	95.0	99.0	80.0	
	AATREX	4 L		48.0 oz/a	POST B	303	99.0	99.0	99.0	99.0	99.0	99.0	99.0	80.0	
	LIBERTY	2.34 SL		32.0 oz/a	POST B	408	99.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	
						Mean =	99.0	99.0	99.0	99.0	99.0	98.0	99.0	87.5	

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN
 Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Elein	Digsp	CCHEC	Amapa	Rapra	Digsp	Amapa	Agrass
Crop Code						Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type						%	%	%	%	%	%	%	%
Rating Unit						May-11-23	May-11-23	May-11-23	May-22-23	May-22-23	May-22-23	Aug-18-23	Aug-18-23
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot							
10	AMSOL			2.5 % v/v	POST B	110	99.0	99.0	99.0	99.0	99.0	95.0	65.0
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST B	201	99.0	99.0	99.0	99.0	95.0	99.0	25.0
	CALLISTO	4	SC	3.0 oz/a	POST B	305	99.0	99.0	99.0	99.0	99.0	99.0	85.0
	AATREX	4	L	48.0 oz/a	POST B	407	99.0	99.0	99.0	99.0	99.0	99.0	90.0
	LIBERTY	2.34	SL	32.0 oz/a	POST B								
						Mean =	99.0	99.0	99.0	99.0	98.0	98.0	66.3
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE A	111	99.0	99.0	99.0	99.0	95.0	65.0	10.0
	AATREX	4	L	32.0 oz/a	PRE A	213	99.0	99.0	99.0	99.0	99.0	85.0	30.0
	AMSOL			2.5 % v/v	POST B	310	99.0	99.0	99.0	90.0	95.0	95.0	60.0
	AATREX	4	L	48.0 oz/a	POST B	409	99.0	99.0	99.0	99.0	95.0	85.0	25.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B								
						Mean =	99.0	99.0	99.0	96.8	96.0	82.5	31.3
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE A	112	99.0	99.0	99.0	99.0	99.0	95.0	60.0
	AATREX	4	L	32.0 oz/a	PRE A	204	99.0	99.0	99.0	95.0	99.0	75.0	65.0
	AMSOL			2.5 % v/v	POST B	312	99.0	99.0	99.0	99.0	99.0	95.0	65.0
	AATREX	4	L	48.0 oz/a	POST B	403	99.0	99.0	99.0	99.0	99.0	95.0	75.0
	CAPRENO	3.45	SC	3.0 oz/a	POST B								
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B								
						Mean =	99.0	99.0	99.0	98.0	99.0	90.0	66.3
13	AATREX	4	L	32.0 oz/a	PRE A	113	99.0	99.0	99.0	99.0	99.0	95.0	60.0
	AMSOL			2.5 % v/v	POST B	209	99.0	99.0	99.0	99.0	95.0	85.0	50.0
	AATREX	4	L	48.0 oz/a	POST B	301	99.0	99.0	99.0	99.0	99.0	99.0	10.0
	KYRO	3.07	CS	45.0 oz/a	POST B	413	99.0	99.0	99.0	99.0	99.0	95.0	80.0
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B								
						Mean =	99.0	99.0	99.0	99.0	98.0	93.5	50.0
14	AATREX	4	L	64.0 oz/a	POST B	114	99.0	99.0	99.0	99.0	99.0	95.0	20.0
	PROWL H20	3.8	SC	32.0 oz/a	POST B	202	99.0	99.0	99.0	95.0	99.0	95.0	30.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST B	311	99.0	99.0	99.0	99.0	95.0	95.0	80.0
						414	99.0	99.0	99.0	99.0	95.0	99.0	85.0
						Mean =	99.0	99.0	99.0	98.0	97.0	96.0	53.8

University of Georgia

WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							TOTAL	-----	-----
Crop Code							WEED	ZEAMA	ZEAMA
Rating Data Type							Cover	YIELD	YIELD
Rating Unit							%	LBS/PLOT	BU/A
Rating Date							Aug-18-23	Sep-5-23	Sep-5-23
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg Code Plot	42	43	44
1	NTC					101	100.0	.	.
						211	100.0	44.0	228
						306	100.0	41.0	213
						405	100.0	44.0	228
						Mean =	100.0	43.0	223
2	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE A 102	45.0	53.0	275
	AATREX	4	L	32.0	oz/a	PRE A 208	35.0	50.0	259
	AMSOL			2.5	% v/v	POST B 313	20.0	47.0	244
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST B 410	30.0	41.0	213
	AATREX	4	L	48.0	oz/a	POST B			
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST B			
						Mean =	32.5	47.8	248
3	STOREN (A23980)	3.22	ZC	28.8	oz/a	PRE A 103	20.0	51.0	265
	AATREX	4	L	32.0	oz/a	PRE A 210	40.0	48.0	249
	AMSOL			2.5	% v/v	POST B 307	50.0	46.0	239
	STOREN (A23980)	3.22	ZC	28.8	oz/a	POST B 401	65.0	53.0	275
	AATREX	4	L	48.0	oz/a	POST B			
	CALLISTO	4	SC	3.0	oz/a	POST B			
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST B			
						Mean =	43.8	49.5	257
4	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE A 104	20.0	50.0	259
	AATREX	4	L	32.0	oz/a	PRE A 214	95.0	47.0	244
	AMSOL			2.5	% v/v	POST B 302	45.0	55.0	285
	INDUCE			0.25	% v/v	POST B 412	25.0	.	.
	AATREX	4	L	48.0	oz/a	POST B			
	HALEX GT	4.38	CS	64.0	oz/a	POST B			
						Mean =	46.3	50.7	263
5	STOREN (A23980)	3.22	ZC	38.4	oz/a	PRE A 105	.	.	.
	AATREX	4	L	32.0	oz/a	PRE A 203	15.0	51.0	265
	AMSOL			2.5	% v/v	POST B 308	30.0	45.0	233
	INDUCE			0.25	% v/v	POST B 404	25.0	49.0	254
	AATREX	4	L	48.0	oz/a	POST B			
	PROWL H20	3.8	SC	32.0	oz/a	POST B			
	HALEX GT	4.38	CS	64.0	oz/a	POST B			
						Mean =	23.3	48.3	251
6	AATREX	4	L	32.0	oz/a	PRE A 106	40.0	.	.
	AMSOL			2.5	% v/v	POST B 212	30.0	54.0	280
	INDUCE			0.25	% v/v	POST B 304	40.0	51.0	265
	AATREX	4	L	48.0	oz/a	POST B 402	45.0	53.0	275
	HALEX GT	4.38	CS	64.0	oz/a	POST B			
						Mean =	38.8	52.7	273
7	AMSOL			2.5	% v/v	POST B 107	15.0	47.0	244
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST B 205	15.0	51.0	265
	AATREX	4	L	48.0	oz/a	POST B 314	55.0	49.0	254
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST B 406	10.0	54.0	280
						Mean =	23.8	50.3	261
8	AMSOL			2.5	% v/v	POST B 108	10.0	50.0	259
	STOREN (A23980)	3.22	ZC	57.6	oz/a	POST B 206	25.0	50.0	259
	CALLISTO	4	SC	3.0	oz/a	POST B 309	15.0	45.0	233
	AATREX	4	L	48.0	oz/a	POST B 411	10.0	.	.
	ROUNDUP POWERMAX3	5.88	SL	28.0	oz/a	POST B			
						Mean =	15.0	48.3	251
9	AMSOL			2.5	% v/v	POST B 109	15.0	52.0	270
	STOREN (A23980)	3.22	ZC	38.4	oz/a	POST B 207	25.0	43.0	223
	AATREX	4	L	48.0	oz/a	POST B 303	20.0	54.0	280
	LIBERTY	2.34	SL	32.0	oz/a	POST B 408	20.0	48.0	249
						Mean =	20.0	49.3	256

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WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						TOTAL	-----	-----
Crop Code						WEED	ZEAMA	ZEAMA
Rating Data Type						Cover	YIELD	YIELD
Rating Unit						%	LBS/PLOT	BU/A
Rating Date						Aug-18-23	Sep-5-23	Sep-5-23
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Plot	
						42	43	44
10	AMSOL			2.5 % v/v	POST B	110		254
	STOREN (A23980)	3.22	ZC	38.4 oz/a	POST B	201	40.0	249
	CALLISTO	4	SC	3.0 oz/a	POST B	305	90.0	270
	AATREX	4	L	48.0 oz/a	POST B	407	15.0	259
	LIBERTY	2.34	SL	32.0 oz/a	POST B		15.0	259
						Mean =	40.0	258
11	ANTHEM MAXX	4.3	SC	2.5 oz/a	PRE A	111	40.0	244
	AATREX	4	L	32.0 oz/a	PRE A	213	90.0	270
	AMSOL			2.5 % v/v	POST B	310	75.0	233
	AATREX	4	L	48.0 oz/a	POST B	409	55.0	223
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B		65.0	223
						Mean =	71.3	243
12	HARNESS MAX	3.85	SC	55.0 oz/a	PRE A	112	40.0	228
	AATREX	4	L	32.0 oz/a	PRE A	204	50.0	249
	AMSOL			2.5 % v/v	POST B	312	50.0	218
	AATREX	4	L	48.0 oz/a	POST B	403	40.0	254
	CAPRENO	3.45	SC	3.0 oz/a	POST B		40.0	254
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B			
						Mean =	45.0	237
13	AATREX	4	L	32.0 oz/a	PRE A	113	50.0	244
	AMSOL			2.5 % v/v	POST B	209	50.0	239
	AATREX	4	L	48.0 oz/a	POST B	301	95.0	265
	KYRO	3.07	CS	45.0 oz/a	POST B	413	15.0	244
	ROUNDUP POWERMAX3	5.88	SL	28.0 oz/a	POST B			
						Mean =	52.5	248
14	AATREX	4	L	64.0 oz/a	POST B	114	85.0	244
	PROWL H2O	3.8	SC	32.0 oz/a	POST B	202	65.0	
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	POST B	311	45.0	244
						414	30.0	239
						Mean =	56.3	242

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WEED CONTROL IN FIELD CORN WITH STOREN

Trial ID: CN-12-23 Study Dir.: HENRY MCLEAN
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit
% = PERCENT
ARM Action Codes
TY1 = 5.18878276*[43]