

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
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	204	302	407
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST B		15 GAL/AC	8.594 mL/mx	1401.7 mL	102	210	311	409
	AATREX	4	L	32.0 oz/a	EPOST B		15 GAL/AC	25.0 mL/mx					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST B		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	EPOST B		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	EPOST B		15 GAL/AC	37.5 mL/mx					
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST B		15 GAL/AC	8.594 mL/mx	1420.5 mL	103	209	304	410
	CLARITY	4	SL	8.0 oz/a	EPOST B		15 GAL/AC	6.25 mL/mx					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST B		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	EPOST B		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	EPOST B		15 GAL/AC	37.5 mL/mx					
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST B		15 GAL/AC	8.594 mL/mx	1399.4 mL	104	212	303	408
	AATREX	4	L	32.0 oz/a	EPOST B		15 GAL/AC	25.0 mL/mx					
	CALLISTO	4	SC	3.0 oz/a	EPOST B		15 GAL/AC	2.344 mL/mx					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST B		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	EPOST B		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	EPOST B		15 GAL/AC	37.5 mL/mx					
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST B		15 GAL/AC	8.594 mL/mx	1401.1 mL	105	203	308	412
	AATREX	4	L	32.0 oz/a	EPOST B		15 GAL/AC	25.0 mL/mx					
	ARMEZON	2.8	SC	0.75 oz/a	EPOST B		15 GAL/AC	0.5859 mL/mx					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST B		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	EPOST B		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	EPOST B		15 GAL/AC	37.5 mL/mx					
6	SURTAIN	1.628	SC	11.0 oz/a	PRE A		15 GPA	8.594 mL/mx	1466.4 mL	106	211	312	402
	AATREX	4	L	32.0 oz/a	PRE A		15 GPA	25.0 mL/mx					
	AATREX	4	L	32.0 oz/a	POST C		15 GAL/AC	25.0 mL/mx	1410.3 mL				
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST C		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	POST C		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	POST C		15 GAL/AC	37.5 mL/mx					
7	SURTAIN	1.628	SC	11.0 oz/a	PRE A		15 GPA	8.594 mL/mx	1491.4 mL	107	202	305	411
	STATUS	57.1	DG	5.0 oz/a	POST C		15 GAL/AC	3.745 g/mx	1430 mL				
	ZIDUA	4.17	SC	2.0 oz/a	POST C		15 GAL/AC	1.562 mL/mx					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST C		15 GAL/AC	23.44 mL/mx					
	INDUCE			0.25 % v/v	POST C		15 GAL/AC	3.75 mL/mx					
	AMSOL			2.5 % v/v	POST C		15 GAL/AC	37.5 mL/mx					
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST B		15 GAL/AC	46.87 mL/mx	1386.9 mL	108	207	310	405
	AATREX	4	L	32.0 oz/a	EPOST B		15 GAL/AC	25.0 mL/mx					
	AMSOL			2.5 % v/v	EPOST B		15 GAL/AC	37.5 mL/mx					
	INDUCE			0.25 % v/v	EPOST B		15 GAL/AC	3.75 mL/mx					
9	OUTLOOK	6	EC	12.5 oz/a	PRE A		15 GPA	9.766 mL/mx	1490.2 mL	109	205	301	404
	ARMEZON	2.8	SC	1.0 oz/a	POST C		15 GAL/AC	0.7812 mL/mx	1432.3 mL				
	AATREX	4	L	64.0 oz/a	POST C		15 GAL/AC	50.0 mL/mx					
	ZIDUA	4.17	SC	2.5 oz/a	POST C		15 GAL/AC	1.953 mL/mx					
	AGRIDEX			1.0 % v/v	POST C		15 GAL/AC	15.0 mL/mx					
10	WARRANT	3	ME	48.0 oz/a	PRE A		15 GPA	37.5 mL/mx	1462.5 mL	110	208	306	401
	LAUDIS	3.5	SC	3.0 oz/a	POST C		15 GAL/AC	2.344 mL/mx	1407.7 mL				
	AATREX	4	L	64.0 oz/a	POST C		15 GAL/AC	50.0 mL/mx					
	PROWL H20	3.8	SC	32.0 oz/a	POST C		15 GAL/AC	25.0 mL/mx					
	AGRIDEX			1.0 % v/v	POST C		15 GAL/AC	15.0 mL/mx					
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE A		15 GPA	12.5 mL/mx	1487.5 mL	111	201	309	403
	CALLISTO	4	SC	3.0 oz/a	POST C		15 GAL/AC	2.344 mL/mx	1407.7 mL				
	AATREX	4	L	64.0 oz/a	POST C		15 GAL/AC	50.0 mL/mx					
	PROWL H20	3.8	SC	32.0 oz/a	POST C		15 GAL/AC	25.0 mL/mx					
	AGRIDEX			1.0 % v/v	POST C		15 GAL/AC	15.0 mL/mx					

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25

Study Dir.: J. SMITH

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
12	ROUNDUP P-MAX3	5.88	SL	30.0	oz/a	EPOST B		15 GAL/AC	23.44 mL/mx	1401.6 mL	112	206	307	406
	AATREX		4 L	64.0	oz/a	EPOST B		15 GAL/AC	50.0 mL/mx					
	PROWL H20	3.8	SC	32.0	oz/a	EPOST B		15 GAL/AC	25.0 mL/mx					

Sort Order: Treatment

Trial Comments

SURTAIN = SAFLUFENACIL (0.626 LBS/GAL) + PYROXASULFONE (1.002 LBS/GAL)

HALEX GT = S-MOC (2.09 LBS/GAL) + MESOTRIONE (0.209 LBS/GAL) + GLYPHOSATE (2.09 LBS/GAL)

STATUS = DIFLUFENZOPYR (17.1%) + DICAMBA (40.0%)

MISSING YIELD DATA IN PLOTS 104,204,304,404 DUE TO COMBINE PROBLEMS

HARVEST DATE: 08/27/25
HARVEST MOISTURE: 15.12%
YIELDS ADJUSTED TO 15.5%

SUMMARY:

1) CORN STAND WAS NOT REDUCED BY ANY HERBICIDE TREATMENT (P=0.5747).

2) PRE AN EPOST APPLICATIONS OF SURTAIN CAUSED MINIMAL CORN INJURY (<10%).

3) CORN PLANT HEIGHTS WERE REDUCED BY THE FOLLOWING TREATMENTS:

A) SURTAIN + ATRAZINE (PRE) FB ROUNDUP + ATRAZINE (POST)
B) SURTAIN (PRE) FB STATUS + ROUNDUP (POST)
C) OUTLOOK (PRE) FB ARMEZON + ATRAZINE + ZIDUA (POST)

4) PRE APPLICATIONS OF OUTLOOK, WARRANT, AND DUAL MAGNUM WERE NOT EFFECTIVE ON WILD RADISH.

5) GENERALLY, SURTAIN WEED CONTROL PROGRAMS WERE COMPARABLE TO CURRENT STANDARD PROGRAMS OF HALEX GT + ATRAZINE OR ROUNDUP + ATRAZINE + PROWL.

6) AT HARVEST (AUGUST 19), PALMER AMARANTH CONTROL EXCEEDED 95% WITH ALL TREATMENTS. NO DIFFERENCES IN TOTAL WEED COVER WERE OBSERVED BETWEEN HERBICIDE TREATED PLOTS AT THIS TIME.

7) NO DIFFERENCES IN CORN YIELD WERE OBSERVED (P=0.1586).

Study Director: J. SMITH

Affiliation:

Postal Code:

Title:

Investigator: Eric P. Prostko

Affiliation:

Postal Code:

Title:

City:

State/Prov.:

Postal Code:

Country:

E-Longitude of LL Corner °:

Altitude of LL Corner:

Directions:

TRIAL LOCATION

Unit:

Trial Status:

Trial Reliability:

Initiation Date:

Planned Completion Date:

N-Latitude of LL Corner °:

Angle y-axis to North °:

E

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25

Study Dir.: J. SMITH

Location: PONDER FARM

Investigator: Eric P. Prostko

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.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	MOLVE	CA	RPETWEED

Crop 1: ZEAMA

FIELD CORN

Variety: PIONEER P2042VYHR

Planting Date: Apr-3-25

Planting Method: MONOSEM

Rate: 31114 S/A

Depth: 2 IN

Perennial Age: _____

Row Spacing: 36 IN

Spacing Within Row: _____

Seed Bed: _____

Soil Temperature: _____

Soil Moisture: OPTIMUM

Emergence Date: _____

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT

Reps: 4

Site Type: _____

Tillage Type: CONVENTIONAL

Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A 5-15-30 - PREPLANT
AXILO BMZ @ 2 LBS/A: APRIL 17
50-0-0 LBS/A: APRIL 22
83-0-0-10 LBS/A ON APRIL 30, MAY 6, MAY 14

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

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

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-4-25		0.3	IN	SPRINKLER - LATERAL MOVE		

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	Date	Time	Amount	Unit	Type	Interval	Unit
2.	Apr-7-25		4.9	IN	RAINFALL		
3.	Apr-11-25		0.1	IN	RAINFALL		
4.	Apr-15-25		0.2	IN	SPRINKLER - LATERAL MOVE		
5.	Apr-17-25		0.3	IN	SPRINKLER - LATERAL MOVE		
6.	Apr-27-25		0.8	IN	RAINFALL		
7.	May-1-25		0.5	IN	SPRINKLER - LATERAL MOVE		
8.	May-3-25		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	May-6-25		0.5	IN	SPRINKLER - LATERAL MOVE		
10.	May-9-25		0.47	IN	RAINFALL		
11.	May-10-25		0.11	IN	RAINFALL		
12.	May-11-25		0.42	IN	RAINFALL		
13.	May-16-25		0.5	IN	SPRINKLER - LATERAL MOVE		
14.	May-18-25		0.15	IN	SPRINKLER - LATERAL MOVE		
15.	May-19-25		0.4	IN	SPRINKLER - LATERAL MOVE		
16.	May-21-25		0.5	IN	SPRINKLER - LATERAL MOVE		
17.	May-21-25		0.3	IN	RAINFALL		
18.	May-23-25		0.5	IN	SPRINKLER - LATERAL MOVE		
19.	May-26-25		0.5	IN	SPRINKLER - LATERAL MOVE		

Overall Moisture Conditions:

Closest Weather Station:

Distance:

Unit:

APPLICATION DESCRIPTION			
	A	B	C
Application Date:	Apr-4-25	Apr-17-25	Apr-27-25
Time of Day:	7:00 AM	6:45 AM	6:45 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EPOST	POST
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE
Air Temp., Unit:	66 F	48 F	65 F
% Relative Humidity:	99	87	95
Wind Velocity, Unit:	1 MPH	0 MPH	0 MPH
Dew Presence (Y/N):	Y	Y	Y
Water Hardness:	--	--	--
Soil Temp., Unit:	70 F	56 F	70 F
Soil Moisture:	OPTIMUM	OPTIMUM	DRY
% Cloud Cover:	10	5	5

CROP STAGE AT EACH APPLICATION			
	A	B	C
Crop 1 Code, Stage:	ZEAMA,	ZEAMA,	ZEAMA,
Stage Scale:		V2-V3	V5-V6
Height, Unit:		2, IN	8, IN

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Investigator: Eric P. Prostko

WEED STAGE AT EACH APPLICATION			
	A	B	C
Weed 1 Code, Stage:	AGRAS,	AGRAS,	AGRAS,
Stage Scale:			
Density, Unit:		1 IN	1-3 IN
Weed 2 Code, Stage:	AMAPA,	AMAPA,	AMAPA,
Stage Scale:			
Density, Unit:		0.5 IN	1-2 IN
Weed 3 Code, Stage:	RAPRA,	RAPRA,	RAPRA,
Stage Scale:			
Density, Unit:		1 IN	1-3 IN
Weed 4 Code, Stage:	MOLVE,	MOLVE,	MOLVE,
Stage Scale:			
Density, Unit:		1 IN	1 IN

APPLICATION EQUIPMENT			
	A	B	C
Appl. Equipment:	BACKPACK	SAME AS A	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:	20 IN		
Boom Height, Unit:	20 IN		
Ground Speed, Unit:	3.5 MPH		
Incorporation Equip.:			
Hours to Incorp.:			
Incorp. Depth, Unit:			
Carrier:	WATER		
Spray Volume, Unit:	15 GPA		
Spray pH:			
Propellant:	CO2		
Tank Mix (Y/N):			

Trt No	Treatment Application Comment

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WEED CONTROL IN FIELD CORN WITH SURTAIN										
Trial ID: CN-06-25		Study Dir.: J. SMITH								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						-----	-----	RAPRA	AGRASS	-----
Crop Code						ZEAMA	ZEAMA	-----	-----	-----
Rating Data Type						STUNTING	NECROSS	CONTROL	CONTROL	STUNTING
Rating Unit						%	%	%	%	%
Rating Date						Apr-17-25	Apr-17-25	Apr-17-25	Apr-17-25	Apr-25-25
Trt	Treatment	Form	Form	Rate	Grow	1	2	3	4	5
No.	Name	Conc	Type	Rate	Unit	Stg				6
1	NTC						0.0 c	0.0 na	0.0 c	0.0 c
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 c	0.0 na	0.0 c	1.3 c
	AATREX	4 L		32.0 oz/a	EPOST					0.0 b
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 c	0.0 na	0.0 c	2.5 bc
	CLARITY	4 L		8.0 oz/a	EPOST					0.0 b
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 c	0.0 na	0.0 c	2.5 bc
	AATREX	4 L		32.0 oz/a	EPOST					0.0 b
	CALLISTO	4 SC		3.0 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 c	0.0 na	0.0 c	1.3 c
	AATREX	4 L		32.0 oz/a	EPOST					2.5 a
	ARMEZON	2.8	SC	0.75 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
6	SURTAIN	1.628	SC	11.0 oz/a	PRE		5.0 a	0.0 na	86.8 a	99.0 a
	AATREX	4 L		32.0 oz/a	PRE					6.3 a
	AATREX	4 L		32.0 oz/a	POST					0.0 b
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST					
	INDUCE			0.25 % v/v	POST					
	AMSOL			2.5 % v/v	POST					
7	SURTAIN	1.628	SC	11.0 oz/a	PRE		6.3 a	0.0 na	99.0 a	99.0 a
	STATUS	57.1	DG	5.0 oz/a	POST					7.5 a
	ZIDUA	4.17	SC	2.0 oz/a	POST					0.0 b
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST					
	INDUCE			0.25 % v/v	POST					
	AMSOL			2.5 % v/v	POST					
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST		0.0 c	0.0 na	0.0 c	1.3 c
	AATREX	4 L		32.0 oz/a	EPOST					0.0 b
	AMSOL			2.5 % v/v	EPOST					
	INDUCE			0.25 % v/v	EPOST					
9	OUTLOOK	6	EC	12.5 oz/a	PRE		5.0 a	0.0 na	37.5 b	95.5 ab
	ARMEZON	2.8	SC	1.0 oz/a	POST					7.5 a
	AATREX	4 L		64.0 oz/a	POST					0.0 b
	ZIDUA	4.17	SC	2.5 oz/a	POST					
	AGRINDEX			1.0 % v/v	POST					
10	WARRANT	3	ME	48.0 oz/a	PRE		0.0 c	0.0 na	37.5 b	92.0 b
	LAUDIS	3.5	SC	3.0 oz/a	POST					1.3 c
	AATREX	4 L		64.0 oz/a	POST					0.0 b
	PROWL H20	3.8	SC	32.0 oz/a	POST					
	AGRINDEX			1.0 % v/v	POST					

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code						-----	-----	RAPRA	AGRASS	-----	-----	
Crop Code						ZEAMA	ZEAMA	-----	-----	ZEAMA	ZEAMA	
Rating Data Type						STUNTING	NECROSS	CONTROL	CONTROL	STUNTING	BLEACHING	
Rating Unit						%	%	%	%	%	%	
Rating Date						Apr-17-25	Apr-17-25	Apr-17-25	Apr-17-25	Apr-25-25	Apr-25-25	
Trt	Treatment	Form	Form	Rate	Grow	1	2	3	4	5	6	
No.	Name	Conc	Type	Rate	Unit	Stg						
11	DUAL II MAGNUM	7.62	EC	16.0	oz/a	PRE	2.5 b	0.0 na	25.0 b	99.0 a	1.3 c	0.0 b
	CALLISTO	4	SC	3.0	oz/a	POST						
	AATREX	4	L	64.0	oz/a	POST						
	PROWL H2O	3.8	SC	32.0	oz/a	POST						
	AGRIDEX			1.0	% v/v	POST						
12	ROUNDUP P-MAX3	5.88	SL	30.0	oz/a	EPOST	0.0 c	0.0 na	0.0 c	0.0 c	5.0 ab	0.0 b
	AATREX	4	L	64.0	oz/a	EPOST						
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST						
LSD P=.10						2.45	.	18.02	3.79	3.57	1.00	
Standard Deviation						2.05	0.00	15.06	3.17	2.98	0.83	
CV						130.89	0.0	63.24	7.84	95.47	400.0	
Grand Mean						1.56	0.00	23.81	40.38	3.13	0.21	
Replicate F						0.457	NaN	0.833	0.407	0.702	1.000	
Replicate Prob(F)						0.7144	NaN	0.4854	0.7487	0.5575	0.4051	
Treatment F						5.740	NaN	22.383	995.032	3.255	3.000	
Treatment Prob(F)						0.0001	NaN	0.0001	0.0001	0.0042	0.0071	

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date						----- ZEAMA NECROSIS % Apr-25-25	AMAPA ----- CONTROL % Apr-25-25	RAPRA ----- CONTROL % Apr-25-25	AGRASS ----- CONTROL % Apr-25-25	----- ZEAMA STAND #/5 FT May-1-25	----- ZEAMA HGT1 CM May-1-25
Trt	Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	7	8	9	10	11	12
1	NTC					0.0 na	0.0 c	0.0 c	0.0 c	10.5 -	29.3 -
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	99.0 a	11.0 -	31.8 -
	AATREX		4 L	32.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	98.0 a	11.0 -	26.8 -
	CLARITY		4 SL	8.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	99.0 a	11.5 -	29.8 -
	AATREX		4 L	32.0 oz/a	EPOST						
	CALLISTO		4 SC	3.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	99.0 a	10.8 -	28.8 -
	AATREX		4 L	32.0 oz/a	EPOST						
	ARMEZON		2.8 SC	0.75 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	0.0 na	99.0 a	99.0 a	88.5 a	10.8 -	25.5 -
	AATREX		4 L	32.0 oz/a	PRE						
	AATREX		4 L	32.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	0.0 na	99.0 a	98.0 b	94.5 a	10.8 -	25.5 -
	STATUS		57.1 DG	5.0 oz/a	POST						
	ZIDUA		4.17 SC	2.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	99.0 a	11.3 -	30.8 -
	AATREX		4 L	32.0 oz/a	EPOST						
	AMSOL			2.5 % v/v	EPOST						
	INDUCE			0.25 % v/v	EPOST						
9	OUTLOOK		6 EC	12.5 oz/a	PRE	0.0 na	97.0 a	0.0 c	95.0 a	11.8 -	28.5 -
	ARMEZON		2.8 SC	1.0 oz/a	POST						
	AATREX		4 L	64.0 oz/a	POST						
	ZIDUA		4.17 SC	2.5 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
10	WARRANT		3 ME	48.0 oz/a	PRE	0.0 na	86.8 b	0.0 c	61.3 b	11.5 -	25.3 -
	LAUDIS		3.5 SC	3.0 oz/a	POST						
	AATREX		4 L	64.0 oz/a	POST						
	PROWL H20		3.8 SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN											
Trial ID: CN-06-25		Study Dir.: J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						-----	AMAPA	RAPRA	AGRASS	-----	-----
Crop Code						ZEAMA	-----	-----	-----	ZEAMA	ZEAMA
Rating Data Type						NECROSIS	CONTROL	CONTROL	CONTROL	STAND	HGT1
Rating Unit						%	%	%	%	#/5 FT	CM
Rating Date						Apr-25-25	Apr-25-25	Apr-25-25	Apr-25-25	May-1-25	May-1-25
Trt	Treatment	Form	Form	Rate	Grow	7	8	9	10	11	12
No.	Name	Conc	Type	Rate	Unit						
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	0.0 na	94.5 ab	0.0 c	93.0 a	11.0 -	28.3 -
	CALLISTO	4	SC	3.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	PROWL H2O	3.8	SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	0.0 na	99.0 a	99.0 a	99.0 a	11.0 -	29.3 -
	AATREX	4	L	64.0 oz/a	EPOST						
	PROWL H2O	3.8	SC	32.0 oz/a	EPOST						
LSD P=.10						.	8.56	0.69	15.32	0.95	5.51
Standard Deviation						0.00	7.15	0.58	12.80	0.79	4.60
CV						0.0	8.02	0.88	14.99	7.19	16.27
Grand Mean						0.00	89.19	65.92	85.44	11.06	28.27
Replicate F						NaN	1.691	1.000	1.180	3.110	0.334
Replicate Prob(F)						NaN	0.1879	0.4051	0.3323	0.0395	0.8006
Treatment F						NaN	62.694	28441.000	20.410	0.872	0.849
Treatment Prob(F)						NaN	0.0001	0.0001	0.0001	0.5747	0.5950

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^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date						----- ZEAMA HGT2 CM May-1-25	----- ZEAMA HGT3 CM May-1-25	----- ZEAMA HGT4 CM May-1-25	----- ZEAMA HGT5 CM May-1-25	----- ZEAMA HGT-AVG CM May-1-25	----- ZEAMA STUNTING % May-2-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	13	14	15	16	17	18
1	NTC					32.0 a	31.0 abc	31.3 -	32.3 a	31.2 a	0.0 e
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	31.3 a	32.0 abc	28.5 -	29.5 ab	30.6 a	7.5 cd
	AATREX	4 L		32.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	29.0 ab	32.5 ab	31.0 -	28.3 abc	29.5 a	8.8 cd
	CLARITY	4	SL	8.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	30.3 a	28.5 b-e	31.3 -	28.0 abc	29.6 a	5.0 de
	AATREX	4 L		32.0 oz/a	EPOST						
	CALLISTO	4	SC	3.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	32.8 a	27.5 cde	28.8 -	28.0 abc	29.2 ab	7.5 cd
	AATREX	4 L		32.0 oz/a	EPOST						
	ARMEZON	2.8	SC	0.75 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	25.0 b	24.5 e	29.0 -	23.5 d	25.5 c	20.0 a
	AATREX	4 L		32.0 oz/a	PRE						
	AATREX	4 L		32.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	24.8 b	26.0 de	24.8 -	24.0 cd	25.0 c	17.5 ab
	STATUS	57.1	DG	5.0 oz/a	POST						
	ZIDUA	4.17	SC	2.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	31.8 a	32.0 abc	31.3 -	31.0 ab	31.4 a	5.0 de
	AATREX	4 L		32.0 oz/a	EPOST						
	AMSOL			2.5 % v/v	EPOST						
	INDUCE			0.25 % v/v	EPOST						
9	OUTLOOK	6	EC	12.5 oz/a	PRE	24.8 b	27.3 cde	24.8 -	24.8 cd	26.0 bc	12.5 bc
	ARMEZON	2.8	SC	1.0 oz/a	POST						
	AATREX	4 L		64.0 oz/a	POST						
	ZIDUA	4.17	SC	2.5 oz/a	POST						
	AGRINDEX			1.0 % v/v	POST						
10	WARRANT	3	ME	48.0 oz/a	PRE	31.0 a	33.5 a	29.8 -	30.0 ab	29.9 a	10.0 cd
	LAUDIS	3.5	SC	3.0 oz/a	POST						
	AATREX	4 L		64.0 oz/a	POST						
	PROWL H20	3.8	SC	32.0 oz/a	POST						
	AGRINDEX			1.0 % v/v	POST						

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Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date						----- ZEAMA HGT2 CM May-1-25	----- ZEAMA HGT3 CM May-1-25	----- ZEAMA HGT4 CM May-1-25	----- ZEAMA HGT5 CM May-1-25	----- ZEAMA HGT-AVG CM May-1-25	----- ZEAMA STUNTING % May-2-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	13	14	15	16	17	18
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	29.0 ab	30.5 a-d	30.5 -	29.3 ab	29.5 a	11.3 c
	CALLISTO	4	SC	3.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	PROWL H2O	3.8	SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	29.3 ab	31.3 abc	29.5 -	27.5 bcd	29.4 ab	11.3 c
	AATREX	4	L	64.0 oz/a	EPOST						
	PROWL H2O	3.8	SC	32.0 oz/a	EPOST						
LSD P=.10						5.17	4.89	5.22	4.26	3.37	5.10
Standard Deviation						4.32	4.09	4.36	3.56	2.82	4.27
CV						14.77	13.76	14.94	12.71	9.75	44.03
Grand Mean						29.23	29.71	29.19	28.00	28.88	9.69
Replicate F						0.642	0.368	2.214	1.737	1.182	1.937
Replicate Prob(F)						0.5937	0.7768	0.1049	0.1786	0.3314	0.1428
Treatment F						1.810	1.973	1.114	2.354	2.365	6.565
Treatment Prob(F)						0.0924	0.0650	0.3820	0.0284	0.0277	0.0001

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Missing data estimates are included in columns: Average=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

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^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN										
Trial ID: CN-06-25		Study Dir.: J. SMITH								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						----- ZEAMA	AMAPA	RAPRA	AGRASS	MOLVE
Crop Code						----- NECROSIS	----- CONTROL	----- CONTROL	----- CONTROL	----- CONTROL
Rating Data Type						%	%	%	%	%
Rating Unit						May-2-25	May-2-25	May-2-25	May-2-25	May-2-25
Rating Date										May-13-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	19	20	21	22	23
1	NTC					0.0 na	0.0 na	0.0 c	0.0 c	0.0 na
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	AATREX	4 L		32.0 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	CLARITY	4 L	SL	8.0 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	AATREX	4 L		32.0 oz/a	EPOST					
	CALLISTO	4 SC		3.0 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	AATREX	4 L		32.0 oz/a	EPOST					
	ARMEZON	2.8	SC	0.75 oz/a	EPOST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST					
	INDUCE			0.25 % v/v	EPOST					
	AMSOL			2.5 % v/v	EPOST					
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	AATREX	4 L		32.0 oz/a	PRE					
	AATREX	4 L		32.0 oz/a	POST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST					
	INDUCE			0.25 % v/v	POST					
	AMSOL			2.5 % v/v	POST					
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	STATUS	57.1	DG	5.0 oz/a	POST					
	ZIDUA	4.17	SC	2.0 oz/a	POST					
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST					
	INDUCE			0.25 % v/v	POST					
	AMSOL			2.5 % v/v	POST					
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	AATREX	4 L		32.0 oz/a	EPOST					
	AMSOL			2.5 % v/v	EPOST					
	INDUCE			0.25 % v/v	EPOST					
9	OUTLOOK	6	EC	12.5 oz/a	PRE	0.0 na	99.0 na	99.0 a	98.0 b	99.0 na
	ARMEZON	2.8	SC	1.0 oz/a	POST					
	AATREX	4 L		64.0 oz/a	POST					
	ZIDUA	4.17	SC	2.5 oz/a	POST					
	AGRIDEX			1.0 % v/v	POST					
10	WARRANT	3	ME	48.0 oz/a	PRE	0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	LAUDIS	3.5	SC	3.0 oz/a	POST					
	AATREX	4 L		64.0 oz/a	POST					
	PROWL H20	3.8	SC	32.0 oz/a	POST					
	AGRIDEX			1.0 % v/v	POST					

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Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

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^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN											
Trial ID: CN-06-25		Study Dir.: J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						-----	AMAPA	RAPRA	AGRASS	MOLVE	-----
Crop Code						ZEAMA	-----	-----	-----	-----	ZEAMA
Rating Data Type						NECROSIS	CONTROL	CONTROL	CONTROL	CONTROL	STUNTING
Rating Unit						%	%	%	%	%	%
Rating Date						May-2-25	May-2-25	May-2-25	May-2-25	May-2-25	May-13-25
Trt	Treatment	Form	Form	Rate	Grow	19	20	21	22	23	24
No.	Name	Conc	Type	Rate	Unit						
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	0.0 na	99.0 na	99.0 a	98.0 b	99.0 na	6.3 cd
	CALLISTO	4	SC	3.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	PROWL H2O	3.8	SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	0.0 na	99.0 na	98.0 b	99.0 a	99.0 na	0.0 d
	AATREX	4	L	64.0 oz/a	EPOST						
	PROWL H2O	3.8	SC	32.0 oz/a	EPOST						
LSD P=.10						.	.	0.69	0.99	.	7.14
Standard Deviation						0.00	0.00	0.58	0.83	0.00	5.97
CV						0.0	0.0	0.64	0.91	0.0	112.35
Grand Mean						0.00	90.75	90.67	90.58	90.75	5.31
Replicate F						NaN	NaN	1.000	0.647	NaN	1.106
Replicate Prob(F)						NaN	NaN	0.4051	0.5904	NaN	0.3604
Treatment F						NaN	NaN	9784.000	4739.779	NaN	4.661
Treatment Prob(F)						NaN	NaN	0.0001	0.0001	NaN	0.0003

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=32.33

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University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN											
Trial ID: CN-06-25		Study Dir.: J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code					-----	AMAPA	RAPRA	AGRASS	MOLVE	AMAPA	
Crop Code					ZEAMA	-----	-----	-----	-----	-----	
Rating Data Type					NECROSIS	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					%	%	%	%	%	%	
Rating Date					May-13-25	May-13-25	May-13-25	May-13-25	May-13-25	Aug-19-25	
Trt	Treatment	Form	Form	Rate	Grow	25	26	27	28	29	30
No.	Name	Conc	Type	Rate	Unit	Stg					
1	NTC						0.0 na	0.0 na	0.0 d	0.0 c	0.0 c
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 na	99.0 na	97.0 ab	97.0 a	99.0 na
	AATREX	4	L	32.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 na	99.0 na	99.0 a	98.0 a	99.0 na
	CLARITY	4	SL	8.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 na	99.0 na	98.0 a	98.0 a	99.0 na
	AATREX	4	L	32.0 oz/a	EPOST						
	CALLISTO	4	SC	3.0 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST		0.0 na	99.0 na	99.0 a	96.8 a	99.0 na
	AATREX	4	L	32.0 oz/a	EPOST						
	ARMEZON	2.8	SC	0.75 oz/a	EPOST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST						
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
6	SURTAIN	1.628	SC	11.0 oz/a	PRE		0.0 na	99.0 na	94.5 bc	95.5 a	99.0 na
	AATREX	4	L	32.0 oz/a	PRE						
	AATREX	4	L	32.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
7	SURTAIN	1.628	SC	11.0 oz/a	PRE		0.0 na	99.0 na	99.0 a	99.0 a	99.0 na
	STATUS	57.1	DG	5.0 oz/a	POST						
	ZIDUA	4.17	SC	2.0 oz/a	POST						
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST						
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST		0.0 na	99.0 na	96.0 ab	88.8 b	99.0 na
	AATREX	4	L	32.0 oz/a	EPOST						
	AMSOL			2.5 % v/v	EPOST						
	INDUCE			0.25 % v/v	EPOST						
9	OUTLOOK	6	EC	12.5 oz/a	PRE		0.0 na	99.0 na	98.0 a	98.0 a	99.0 na
	ARMEZON	2.8	SC	1.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	ZIDUA	4.17	SC	2.5 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
10	WARRANT	3	ME	48.0 oz/a	PRE		0.0 na	99.0 na	98.0 a	94.5 a	99.0 na
	LAUDIS	3.5	SC	3.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	PROWL H2O	3.8	SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH SURTAIN											
Trial ID: CN-06-25		Study Dir.: J. SMITH									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						-----	AMAPA	RAPRA	AGRASS	MOLVE	AMAPA
Crop Code						ZEAMA	-----	-----	-----	-----	-----
Rating Data Type						NECROSIS	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%	%	%
Rating Date						May-13-25	May-13-25	May-13-25	May-13-25	May-13-25	Aug-19-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	25	26	27	28	29	30
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	0.0 na	99.0 na	98.0 a	95.5 a	99.0 na	99.0 a
	CALLISTO	4	SC	3.0 oz/a	POST						
	AATREX	4	L	64.0 oz/a	POST						
	PROWL H20	3.8	SC	32.0 oz/a	POST						
	AGRIDEX			1.0 % v/v	POST						
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	0.0 na	99.0 na	92.5 c	94.5 a	99.0 na	95.5 b
	AATREX	4	L	64.0 oz/a	EPOST						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST						
LSD P=.10						.	.	3.37	5.53	.	3.38
Standard Deviation						0.00	0.00	2.81	4.62	0.00	2.83
CV						0.0	0.0	3.16	5.25	0.0	3.16
Grand Mean						0.00	90.75	89.08	87.96	90.75	89.44
Replicate F						NaN	NaN	0.870	0.522	NaN	1.322
Replicate Prob(F)						NaN	NaN	0.4665	0.6701	NaN	0.2838
Treatment F						NaN	NaN	399.509	145.212	NaN	397.197
Treatment Prob(F)						NaN	NaN	0.0001	0.0001	NaN	0.0001

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date						TOTAL WEED COVER % Aug-19-25	----- ZEAMA YIELD LBS/PLOT Aug-27-25	----- ZEAMA YIELD BU/A Aug-27-25
Trt	Treatment	Form	Form	Rate	Grow	31	32	33
No.	Name	Conc	Type	Rate	Unit	Stg		
1	NTC						85.0 a	45.7 - 237.9 -
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST		33.8 b	49.5 - 257.8 -
	AATREX	4 L		32.0 oz/a	EPOST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST			
	INDUCE			0.25 % v/v	EPOST			
	AMSOL			2.5 % v/v	EPOST			
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST		22.5 b	44.7 - 232.7 -
	CLARITY	4	SL	8.0 oz/a	EPOST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST			
	INDUCE			0.25 % v/v	EPOST			
	AMSOL			2.5 % v/v	EPOST			
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST		22.5 b	49.7 - 258.7 -
	AATREX	4 L		32.0 oz/a	EPOST			
	CALLISTO	4	SC	3.0 oz/a	EPOST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST			
	INDUCE			0.25 % v/v	EPOST			
	AMSOL			2.5 % v/v	EPOST			
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST		22.5 b	49.3 - 256.5 -
	AATREX	4 L		32.0 oz/a	EPOST			
	ARMEZON	2.8	SC	0.75 oz/a	EPOST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST			
	INDUCE			0.25 % v/v	EPOST			
	AMSOL			2.5 % v/v	EPOST			
6	SURTAIN	1.628	SC	11.0 oz/a	PRE		31.3 b	49.0 - 255.2 -
	AATREX	4 L		32.0 oz/a	PRE			
	AATREX	4 L		32.0 oz/a	POST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST			
	INDUCE			0.25 % v/v	POST			
	AMSOL			2.5 % v/v	POST			
7	SURTAIN	1.628	SC	11.0 oz/a	PRE		21.3 b	49.0 - 255.2 -
	STATUS	57.1	DG	5.0 oz/a	POST			
	ZIDUA	4.17	SC	2.0 oz/a	POST			
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST			
	INDUCE			0.25 % v/v	POST			
	AMSOL			2.5 % v/v	POST			
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST		27.5 b	49.8 - 259.1 -
	AATREX	4 L		32.0 oz/a	EPOST			
	AMSOL			2.5 % v/v	EPOST			
	INDUCE			0.25 % v/v	EPOST			
9	OUTLOOK	6	EC	12.5 oz/a	PRE		20.0 b	52.0 - 270.9 -
	ARMEZON	2.8	SC	1.0 oz/a	POST			
	AATREX	4 L		64.0 oz/a	POST			
	ZIDUA	4.17	SC	2.5 oz/a	POST			
	AGRIDEX			1.0 % v/v	POST			
10	WARRANT	3	ME	48.0 oz/a	PRE		23.8 b	50.0 - 260.5 -
	LAUDIS	3.5	SC	3.0 oz/a	POST			
	AATREX	4 L		64.0 oz/a	POST			
	PROWL H20	3.8	SC	32.0 oz/a	POST			
	AGRIDEX			1.0 % v/v	POST			

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=32.33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
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-19-25	Aug-27-25	Aug-27-25
Trt	Treatment	Form	Form	Rate	Grow	31	32	33
No.	Name	Conc	Type	Rate Unit	Stg			
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	20.0 b	50.0 -	260.5 -
	CALLISTO	4	SC	3.0 oz/a	POST			
	AATREX	4	L	64.0 oz/a	POST			
	PROWL H2O	3.8	SC	32.0 oz/a	POST			
	AGRIDEX			1.0 % v/v	POST			
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	22.5 b	49.5 -	257.8 -
	AATREX	4	L	64.0 oz/a	EPOST			
	PROWL H2O	3.8	SC	32.0 oz/a	EPOST			
LSD P=.10						16.58	3.76	19.59
Standard Deviation						13.85	3.13	16.30
CV						47.15	6.39	6.39
Grand Mean						29.38	49.00	255.24
Replicate F						1.336	3.795	3.795
Replicate Prob(F)						0.2795	0.0207	0.0207
Treatment F						6.791	1.577	1.577
Treatment Prob(F)						0.0001	0.1586	0.1586

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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Missing data estimates are included in columns: Average=32,33

Could not calculate LSD (% mean diff) or mean separation letters for columns 2,7,19,20,23,25,26,29 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH SURTAIN	
Trial ID: CN-06-25	Study Dir.: J. SMITH
Location: PONDER FARM	Investigator: Eric P. Prostko
<u>Rating Unit</u> % = PERCENT CM = CENTIMETER <u>ARM Action Codes</u> T1 = ([C12]+[C13]+[C14]+[C15]+[C16])/5 TY2 = 5.20903466*[C32]	

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							----- ZEAMA STUNTING %	----- ZEAMA NECROSS %	RAPRA ----- CONTROL %	AGRASS ----- CONTROL %	----- ZEAMA STUNTING %
Crop Code							Apr-17-25	Apr-17-25	Apr-17-25	Apr-17-25	Apr-25-25
Rating Data Type											
Rating Unit											
Rating Date											
Trt	Treatment	Form	Form	Rate	Grow	Plot	1	2	3	4	5
No.	Name	Conc	Type	Rate	Unit	Stg					
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						204	0.0	0.0	0.0	0.0	0.0
						302	0.0	0.0	0.0	0.0	0.0
						407	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102	0.0	0.0	0.0	0.0	5.0
	AATREX	4	L	32.0 oz/a	EPOST	210	0.0	0.0	0.0	0.0	0.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311	0.0	0.0	0.0	0.0	0.0
	INDUCE			0.25 % v/v	EPOST	409	0.0	0.0	0.0	0.0	0.0
	AMSOL			2.5 % v/v	EPOST						
						Mean =	0.0	0.0	0.0	0.0	1.3
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103	0.0	0.0	0.0	0.0	0.0
	CLARITY	4	SL	8.0 oz/a	EPOST	209	0.0	0.0	0.0	0.0	5.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304	0.0	0.0	0.0	0.0	0.0
	INDUCE			0.25 % v/v	EPOST	410	0.0	0.0	0.0	0.0	5.0
	AMSOL			2.5 % v/v	EPOST						
						Mean =	0.0	0.0	0.0	0.0	2.5
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104	0.0	0.0	0.0	0.0	5.0
	AATREX	4	L	32.0 oz/a	EPOST	212	0.0	0.0	0.0	0.0	0.0
	CALLISTO	4	SC	3.0 oz/a	EPOST	303	0.0	0.0	0.0	0.0	0.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408	0.0	0.0	0.0	0.0	5.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
						Mean =	0.0	0.0	0.0	0.0	2.5
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105	0.0	0.0	0.0	0.0	0.0
	AATREX	4	L	32.0 oz/a	EPOST	203	0.0	0.0	0.0	0.0	0.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308	0.0	0.0	0.0	0.0	0.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412	0.0	0.0	0.0	0.0	5.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
						Mean =	0.0	0.0	0.0	0.0	1.3
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106	10.0	0.0	99.0	99.0	10.0
	AATREX	4	L	32.0 oz/a	PRE	211	0.0	0.0	50.0	99.0	0.0
	AATREX	4	L	32.0 oz/a	POST	312	5.0	0.0	99.0	99.0	10.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402	5.0	0.0	99.0	99.0	5.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
						Mean =	5.0	0.0	86.8	99.0	6.3
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107	10.0	0.0	99.0	99.0	10.0
	STATUS	57.1	DG	5.0 oz/a	POST	202	5.0	0.0	99.0	99.0	10.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305	5.0	0.0	99.0	99.0	5.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411	5.0	0.0	99.0	99.0	5.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
						Mean =	6.3	0.0	99.0	99.0	7.5
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108	0.0	0.0	0.0	0.0	0.0
	AATREX	4	L	32.0 oz/a	EPOST	207	0.0	0.0	0.0	0.0	5.0
	AMSOL			2.5 % v/v	EPOST	310	0.0	0.0	0.0	0.0	0.0
	INDUCE			0.25 % v/v	EPOST	405	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	1.3

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							----- ZEAMA STUNTING % Apr-17-25	----- ZEAMA NECROSS % Apr-17-25	RAPRA ----- CONTROL % Apr-17-25	AGRASS ----- CONTROL % Apr-17-25	----- ZEAMA STUNTING % Apr-25-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Plot	1	2	3	4	5
9	OUTLOOK	6 EC		12.5 oz/a	PRE	109	5.0	0.0	50.0	99.0	5.0
	ARMEZON	2.8 SC		1.0 oz/a	POST	205	10.0	0.0	50.0	99.0	10.0
	AATREX	4 L		64.0 oz/a	POST	301	5.0	0.0	50.0	99.0	10.0
	ZIDUA	4.17 SC		2.5 oz/a	POST	404	0.0	0.0	0.0	85.0	5.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						5.0	0.0	37.5	95.5	7.5
10	WARRANT	3 ME		48.0 oz/a	PRE	110	0.0	0.0	50.0	85.0	5.0
	LAUDIS	3.5 SC		3.0 oz/a	POST	208	0.0	0.0	0.0	99.0	0.0
	AATREX	4 L		64.0 oz/a	POST	306	0.0	0.0	50.0	85.0	0.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	401	0.0	0.0	50.0	99.0	0.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						0.0	0.0	37.5	92.0	1.3
11	DUAL II MAGNUM	7.62 EC		16.0 oz/a	PRE	111	0.0	0.0	50.0	99.0	0.0
	CALLISTO	4 SC		3.0 oz/a	POST	201	0.0	0.0	50.0	99.0	5.0
	AATREX	4 L		64.0 oz/a	POST	309	5.0	0.0	0.0	99.0	0.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	403	5.0	0.0	0.0	99.0	0.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						2.5	0.0	25.0	99.0	1.3
12	ROUNDUP P-MAX3	5.88 SL		30.0 oz/a	EPOST	112	0.0	0.0	0.0	0.0	5.0
	AATREX	4 L		64.0 oz/a	EPOST	206	0.0	0.0	0.0	0.0	5.0
	PROWL H2O	3.8 SC		32.0 oz/a	EPOST	307	0.0	0.0	0.0	0.0	0.0
						406	0.0	0.0	0.0	0.0	10.0
	Mean =						0.0	0.0	0.0	0.0	5.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	AMAPA	RAPRA	AGRASS	
Crop Code							ZEAMA	ZEAMA	-----	-----	-----	
Rating Data Type							BLEACHING	NECROSIS	CONTROL	CONTROL	CONTROL	
Rating Unit							%	%	%	%	%	
Rating Date							Apr-25-25	Apr-25-25	Apr-25-25	Apr-25-25	Apr-25-25	
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	6	7	8	9	10
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							204	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							407	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102		0.0	0.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	210		0.0	0.0	99.0	99.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	409		0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	EPOST							
							Mean =	0.0	0.0	99.0	99.0	99.0
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103		0.0	0.0	99.0	99.0	99.0
	CLARITY	4	SL	8.0 oz/a	EPOST	209		0.0	0.0	99.0	99.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304		0.0	0.0	99.0	99.0	95.0
	INDUCE			0.25 % v/v	EPOST	410		0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	EPOST							
							Mean =	0.0	0.0	99.0	99.0	98.0
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104		0.0	0.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	212		0.0	0.0	99.0	99.0	99.0
	CALLISTO	4	SC	3.0 oz/a	EPOST	303		0.0	0.0	99.0	99.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST							
	AMSOL			2.5 % v/v	EPOST							
							Mean =	0.0	0.0	99.0	99.0	99.0
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105		5.0	0.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	203		5.0	0.0	99.0	99.0	99.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308		0.0	0.0	99.0	99.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST							
	AMSOL			2.5 % v/v	EPOST							
							Mean =	2.5	0.0	99.0	99.0	99.0
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106		0.0	0.0	99.0	99.0	85.0
	AATREX	4	L	32.0 oz/a	PRE	211		0.0	0.0	99.0	99.0	85.0
	AATREX	4	L	32.0 oz/a	POST	312		0.0	0.0	99.0	99.0	85.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST							
	AMSOL			2.5 % v/v	POST							
							Mean =	0.0	0.0	99.0	99.0	88.5
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107		0.0	0.0	99.0	99.0	85.0
	STATUS	57.1	DG	5.0 oz/a	POST	202		0.0	0.0	99.0	99.0	95.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305		0.0	0.0	99.0	95.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	POST							
	AMSOL			2.5 % v/v	POST							
							Mean =	0.0	0.0	99.0	98.0	94.5
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108		0.0	0.0	99.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	207		0.0	0.0	99.0	99.0	99.0
	AMSOL			2.5 % v/v	EPOST	310		0.0	0.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	405		0.0	0.0	99.0	99.0	99.0
							Mean =	0.0	0.0	99.0	99.0	99.0

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							----- ZEAMA BLEACHING % Apr-25-25	----- ZEAMA NECROSIS % Apr-25-25	AMAPA ----- CONTROL % Apr-25-25	RAPRA ----- CONTROL % Apr-25-25	AGRASS ----- CONTROL % Apr-25-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Plot	6	7	8	9	10
9	OUTLOOK	6	EC	12.5 oz/a	PRE	109	0.0	0.0	99.0	0.0	95.0
	ARMEZON	2.8	SC	1.0 oz/a	POST	205	0.0	0.0	99.0	0.0	95.0
	AATREX	4	L	64.0 oz/a	POST	301	0.0	0.0	95.0	0.0	95.0
	ZIDUA	4.17	SC	2.5 oz/a	POST	404	0.0	0.0	95.0	0.0	95.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						0.0	0.0	97.0	0.0	95.0
10	WARRANT	3	ME	48.0 oz/a	PRE	110	0.0	0.0	99.0	0.0	75.0
	LAUDIS	3.5	SC	3.0 oz/a	POST	208	0.0	0.0	99.0	0.0	75.0
	AATREX	4	L	64.0 oz/a	POST	306	0.0	0.0	99.0	0.0	0.0
	PROWL H2O	3.8	SC	32.0 oz/a	POST	401	0.0	0.0	50.0	0.0	95.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						0.0	0.0	86.8	0.0	61.3
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	111	0.0	0.0	99.0	0.0	75.0
	CALLISTO	4	SC	3.0 oz/a	POST	201	0.0	0.0	95.0	0.0	99.0
	AATREX	4	L	64.0 oz/a	POST	309	0.0	0.0	99.0	0.0	99.0
	PROWL H2O	3.8	SC	32.0 oz/a	POST	403	0.0	0.0	85.0	0.0	99.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						0.0	0.0	94.5	0.0	93.0
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	112	0.0	0.0	99.0	99.0	99.0
	AATREX	4	L	64.0 oz/a	EPOST	206	0.0	0.0	99.0	99.0	99.0
	PROWL H2O	3.8	SC	32.0 oz/a	EPOST	307	0.0	0.0	99.0	99.0	99.0
						406	0.0	0.0	99.0	99.0	99.0
	Mean =						0.0	0.0	99.0	99.0	99.0

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	-----	-----	-----	-----
Crop Code							ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA
Rating Data Type							STAND	HGT1	HGT2	HGT3	HGT4	HGT5
Rating Unit							#/5 FT	CM	CM	CM	CM	CM
Rating Date							May-1-25	May-1-25	May-1-25	May-1-25	May-1-25	May-1-25
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot					
1	NTC						101	12.0	36.0	41.0	33.0	31.0
							204	11.0	29.0	30.0	32.0	34.0
							302	10.0	26.0	33.0	34.0	31.0
							407	9.0	26.0	24.0	25.0	31.0
							Mean =	10.5	29.3	32.0	31.0	31.3
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102	102	11.0	36.0	30.0	32.0	28.0
	AATREX	4	L	32.0 oz/a	EPOST	210	210	11.0	21.0	29.0	34.0	28.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311	311	10.0	39.0	37.0	36.0	32.0
	INDUCE			0.25 % v/v	EPOST	409	409	12.0	31.0	29.0	26.0	26.0
	AMSOL			2.5 % v/v	EPOST							30.0
							Mean =	11.0	31.8	31.3	32.0	28.5
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103	103	11.0	28.0	32.0	31.0	33.0
	CLARITY	4	SL	8.0 oz/a	EPOST	209	209	10.0	29.0	32.0	34.0	27.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304	304	11.0	26.0	24.0	34.0	33.0
	INDUCE			0.25 % v/v	EPOST	410	410	12.0	24.0	28.0	31.0	31.0
	AMSOL			2.5 % v/v	EPOST							25.0
							Mean =	11.0	26.8	29.0	32.5	31.0
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104	104	11.0	31.0	26.0	25.0	26.0
	AATREX	4	L	32.0 oz/a	EPOST	212	212	11.0	31.0	35.0	29.0	26.0
	CALLISTO	4	SC	3.0 oz/a	EPOST	303	303	12.0	28.0	27.0	27.0	37.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408	408	12.0	29.0	33.0	33.0	36.0
	INDUCE			0.25 % v/v	EPOST							32.0
	AMSOL			2.5 % v/v	EPOST							
							Mean =	11.5	29.8	30.3	28.5	31.3
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105	105	11.0	24.0	34.0	27.0	24.0
	AATREX	4	L	32.0 oz/a	EPOST	203	203	11.0	27.0	27.0	27.0	24.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308	308	11.0	30.0	34.0	30.0	36.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412	412	10.0	34.0	36.0	26.0	31.0
	INDUCE			0.25 % v/v	EPOST							28.0
	AMSOL			2.5 % v/v	EPOST							
							Mean =	10.8	28.8	32.8	27.5	28.8
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106	106	11.0	22.0	24.0	24.0	20.0
	AATREX	4	L	32.0 oz/a	PRE	211	211	10.0	32.0	26.0	26.0	33.0
	AATREX	4	L	32.0 oz/a	POST	312	312	11.0	24.0	26.0	22.0	34.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402	402	11.0	24.0	24.0	26.0	29.0
	INDUCE			0.25 % v/v	POST							25.0
	AMSOL			2.5 % v/v	POST							
							Mean =	10.8	25.5	25.0	24.5	29.0
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107	107	11.0	24.0	20.0	21.0	24.0
	STATUS	57.1	DG	5.0 oz/a	POST	202	202	11.0	23.0	25.0	25.0	22.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305	305	10.0	26.0	24.0	28.0	29.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411	411	11.0	29.0	30.0	30.0	24.0
	INDUCE			0.25 % v/v	POST							26.0
	AMSOL			2.5 % v/v	POST							
							Mean =	10.8	25.5	24.8	26.0	24.8
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108	108	12.0	25.0	29.0	33.0	32.0
	AATREX	4	L	32.0 oz/a	EPOST	207	207	11.0	27.0	28.0	27.0	25.0
	AMSOL			2.5 % v/v	EPOST	310	310	11.0	37.0	31.0	28.0	36.0
	INDUCE			0.25 % v/v	EPOST	405	405	11.0	34.0	39.0	40.0	32.0
							Mean =	11.3	30.8	31.8	32.0	31.3

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							----- ZEAMA STAND #/5 FT May-1-25	----- ZEAMA HGT1 CM May-1-25	----- ZEAMA HGT2 CM May-1-25	----- ZEAMA HGT3 CM May-1-25	----- ZEAMA HGT4 CM May-1-25	----- ZEAMA HGT5 CM May-1-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Plot	11	12	13	14	15	16
9	OUTLOOK	6	EC	12.5 oz/a	PRE	109	14.0	27.0	23.0	30.0	25.0	26.0
	ARMEZON	2.8	SC	1.0 oz/a	POST	205	11.0	26.0	22.0	25.0	24.0	22.0
	AATREX	4	L	64.0 oz/a	POST	301	10.0	29.0	24.0	32.0	28.0	28.0
	ZIDUA	4.17	SC	2.5 oz/a	POST	404	12.0	32.0	30.0	22.0	22.0	23.0
	AGRIDEX			1.0 % v/v	POST							
	Mean =						11.8	28.5	24.8	27.3	24.8	24.8
10	WARRANT	3	ME	48.0 oz/a	PRE	110	13.0	26.0	36.0	35.0	24.0	30.0
	LAUDIS	3.5	SC	3.0 oz/a	POST	208	11.0	26.0	31.0	36.0	32.0	29.0
	AATREX	4	L	64.0 oz/a	POST	306	10.0	23.0	25.0	26.0	24.0	26.0
	PROWL H20	3.8	SC	32.0 oz/a	POST	401	12.0	26.0	32.0	37.0	39.0	35.0
	AGRIDEX			1.0 % v/v	POST							
	Mean =						11.5	25.3	31.0	33.5	29.8	30.0
11	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	111	11.0	32.0	32.0	31.0	34.0	26.0
	CALLISTO	4	SC	3.0 oz/a	POST	201	11.0	28.0	28.0	26.0	28.0	27.0
	AATREX	4	L	64.0 oz/a	POST	309	11.0	30.0	30.0	33.0	29.0	37.0
	PROWL H20	3.8	SC	32.0 oz/a	POST	403	11.0	23.0	26.0	32.0	31.0	27.0
	AGRIDEX			1.0 % v/v	POST							
	Mean =						11.0	28.3	29.0	30.5	30.5	29.3
12	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	112	11.0	39.0	33.0	33.0	36.0	27.0
	AATREX	4	L	64.0 oz/a	EPOST	206	11.0	29.0	23.0	24.0	25.0	30.0
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	307	11.0	24.0	31.0	32.0	25.0	27.0
						406	11.0	25.0	30.0	36.0	32.0	26.0
	Mean =						11.0	29.3	29.3	31.3	29.5	27.5

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	-----	AMAPA	RAPRA
Crop Code							ZEAMA	ZEAMA	ZEAMA	-----	-----
Rating Data Type							HGT-AVG	STUNTING	NECROSIS	CONTROL	CONTROL
Rating Unit							CM	%	%	%	%
Rating Date							May-1-25	May-2-25	May-2-25	May-2-25	May-2-25
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit	Stg	Plot				
1	NTC						101	35.4	0.0	0.0	0.0
							204	31.4	0.0	0.0	0.0
							302	31.0	0.0	0.0	0.0
							407	26.8	0.0	0.0	0.0
							Mean =	31.2	0.0	0.0	0.0
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102	102	30.4	10.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	EPOST	210	210	29.0	10.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311	311	34.6	5.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST	409	409	28.4	5.0	0.0	99.0
	AMSOL			2.5 % v/v	EPOST						
							Mean =	30.6	7.5	0.0	99.0
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103	103	30.2	10.0	0.0	99.0
	CLARITY	4 L	SL	8.0 oz/a	EPOST	209	209	29.6	10.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304	304	30.4	5.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST	410	410	27.8	10.0	0.0	99.0
	AMSOL			2.5 % v/v	EPOST						
							Mean =	29.5	8.8	0.0	99.0
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104	104	27.2	10.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	EPOST	212	212	29.4	5.0	0.0	99.0
	CALLISTO	4 SC		3.0 oz/a	EPOST	303	303	29.0	5.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408	408	32.6	0.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
							Mean =	29.6	5.0	0.0	99.0
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105	105	27.2	10.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	EPOST	203	203	26.2	10.0	0.0	99.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308	308	32.2	10.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412	412	31.0	0.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
							Mean =	29.2	7.5	0.0	99.0
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106	106	21.8	25.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	211	211	28.4	15.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	POST	312	312	26.2	20.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402	402	25.6	20.0	0.0	99.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
							Mean =	25.5	20.0	0.0	99.0
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107	107	21.8	30.0	0.0	99.0
	STATUS	57.1	DG	5.0 oz/a	POST	202	202	23.6	15.0	0.0	99.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305	305	26.8	15.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411	411	27.8	10.0	0.0	99.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
							Mean =	25.0	17.5	0.0	99.0
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108	108	30.6	5.0	0.0	99.0
	AATREX	4 L		32.0 oz/a	EPOST	207	207	26.4	10.0	0.0	99.0
	AMSOL			2.5 % v/v	EPOST	310	310	34.0	5.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST	405	405	34.4	0.0	0.0	99.0
							Mean =	31.4	5.0	0.0	99.0

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							----- ZEAMA HGT-AVG CM May-1-25	----- ZEAMA STUNTING % May-2-25	----- ZEAMA NECROSIS % May-2-25	AMAPA ----- CONTROL % May-2-25	RAPRA ----- CONTROL % May-2-25	
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	17	18	19	20	21
9	OUTLOOK	6	EC	12.5	oz/a	PRE	109	26.2	5.0	0.0	99.0	99.0
	ARMEZON	2.8	SC	1.0	oz/a	POST	205	23.8	20.0	0.0	99.0	99.0
	AATREX	4	L	64.0	oz/a	POST	301	28.2	10.0	0.0	99.0	99.0
	ZIDUA	4.17	SC	2.5	oz/a	POST	404	25.8	15.0	0.0	99.0	99.0
	AGRIDEX			1.0	% v/v	POST						
	Mean =							26.0	12.5	0.0	99.0	99.0
10	WARRANT	3	ME	48.0	oz/a	PRE	110	30.2	10.0	0.0	99.0	99.0
	LAUDIS	3.5	SC	3.0	oz/a	POST	208	30.8	10.0	0.0	99.0	99.0
	AATREX	4	L	64.0	oz/a	POST	306	24.8	15.0	0.0	99.0	99.0
	PROWL H2O	3.8	SC	32.0	oz/a	POST	401	33.8	5.0	0.0	99.0	99.0
	AGRIDEX			1.0	% v/v	POST						
	Mean =							29.9	10.0	0.0	99.0	99.0
11	DUAL II MAGNUM	7.62	EC	16.0	oz/a	PRE	111	31.0	10.0	0.0	99.0	99.0
	CALLISTO	4	SC	3.0	oz/a	POST	201	27.4	10.0	0.0	99.0	99.0
	AATREX	4	L	64.0	oz/a	POST	309	31.8	10.0	0.0	99.0	99.0
	PROWL H2O	3.8	SC	32.0	oz/a	POST	403	27.8	15.0	0.0	99.0	99.0
	AGRIDEX			1.0	% v/v	POST						
	Mean =							29.5	11.3	0.0	99.0	99.0
12	ROUNDUP P-MAX3	5.88	SL	30.0	oz/a	EPOST	112	33.6	10.0	0.0	99.0	95.0
	AATREX	4	L	64.0	oz/a	EPOST	206	26.2	15.0	0.0	99.0	99.0
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST	307	27.8	10.0	0.0	99.0	99.0
							406	29.8	10.0	0.0	99.0	99.0
	Mean =							29.4	11.3	0.0	99.0	98.0

University of Georgia

WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							AGRASS	MOLVE	-----	-----	AMAPA
Crop Code							-----	-----	ZEAMA	ZEAMA	-----
Rating Data Type							CONTROL	CONTROL	STUNTING	NECROSIS	CONTROL
Rating Unit							%	%	%	%	%
Rating Date							May-2-25	May-2-25	May-13-25	May-13-25	May-13-25
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit	Stg	Plot				
1	NTC						101	0.0	0.0	0.0	0.0
							204	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0
							407	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102		99.0	99.0	0.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	210		99.0	99.0	10.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311		99.0	99.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST	409		99.0	99.0	5.0	99.0
	AMSOL			2.5 % v/v	EPOST					0.0	99.0
							Mean =	99.0	99.0	3.8	99.0
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103		99.0	99.0	0.0	99.0
	CLARITY	4	SL	8.0 oz/a	EPOST	209		99.0	99.0	5.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304		99.0	99.0	5.0	99.0
	INDUCE			0.25 % v/v	EPOST	410		99.0	99.0	10.0	99.0
	AMSOL			2.5 % v/v	EPOST					0.0	99.0
							Mean =	99.0	99.0	5.0	99.0
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104		99.0	99.0	0.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	212		99.0	99.0	0.0	99.0
	CALLISTO	4	SC	3.0 oz/a	EPOST	303		99.0	99.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408		99.0	99.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST					0.0	99.0
	AMSOL			2.5 % v/v	EPOST					0.0	99.0
							Mean =	99.0	99.0	0.0	99.0
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105		99.0	99.0	0.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	203		99.0	99.0	0.0	99.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308		99.0	99.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412		99.0	99.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST					0.0	99.0
	AMSOL			2.5 % v/v	EPOST					0.0	99.0
							Mean =	99.0	99.0	0.0	99.0
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106		99.0	99.0	30.0	99.0
	AATREX	4	L	32.0 oz/a	PRE	211		99.0	99.0	10.0	99.0
	AATREX	4	L	32.0 oz/a	POST	312		99.0	99.0	15.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402		99.0	99.0	20.0	99.0
	INDUCE			0.25 % v/v	POST					0.0	99.0
	AMSOL			2.5 % v/v	POST					0.0	99.0
							Mean =	99.0	99.0	18.8	99.0
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107		99.0	99.0	30.0	99.0
	STATUS	57.1	DG	5.0 oz/a	POST	202		99.0	99.0	5.0	99.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305		99.0	99.0	15.0	99.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411		99.0	99.0	10.0	99.0
	INDUCE			0.25 % v/v	POST					0.0	99.0
	AMSOL			2.5 % v/v	POST					0.0	99.0
							Mean =	99.0	99.0	15.0	99.0
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108		99.0	99.0	0.0	99.0
	AATREX	4	L	32.0 oz/a	EPOST	207		99.0	99.0	0.0	99.0
	AMSOL			2.5 % v/v	EPOST	310		99.0	99.0	0.0	99.0
	INDUCE			0.25 % v/v	EPOST	405		99.0	99.0	0.0	99.0
							Mean =	99.0	99.0	0.0	99.0

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							AGRASS ----- CONTROL % May-2-25	MOLVE ----- CONTROL % May-2-25	----- ZEAMA STUNTING % May-13-25	----- ZEAMA NECROSIS % May-13-25	AMAPA ----- CONTROL % May-13-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Plot	22	23	24	25	26
9	OUTLOOK	6 EC		12.5 oz/a	PRE	109	95.0	99.0	15.0	0.0	99.0
	ARMEZON	2.8 SC		1.0 oz/a	POST	205	99.0	99.0	5.0	0.0	99.0
	AATREX	4 L		64.0 oz/a	POST	301	99.0	99.0	5.0	0.0	99.0
	ZIDUA	4.17 SC		2.5 oz/a	POST	404	99.0	99.0	20.0	0.0	99.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						98.0	99.0	11.3	0.0	99.0
10	WARRANT	3 ME		48.0 oz/a	PRE	110	99.0	99.0	0.0	0.0	99.0
	LAUDIS	3.5 SC		3.0 oz/a	POST	208	99.0	99.0	0.0	0.0	99.0
	AATREX	4 L		64.0 oz/a	POST	306	99.0	99.0	15.0	0.0	99.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	401	99.0	99.0	0.0	0.0	99.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						99.0	99.0	3.8	0.0	99.0
11	DUAL II MAGNUM	7.62 EC		16.0 oz/a	PRE	111	99.0	99.0	0.0	0.0	99.0
	CALLISTO	4 SC		3.0 oz/a	POST	201	99.0	99.0	0.0	0.0	99.0
	AATREX	4 L		64.0 oz/a	POST	309	99.0	99.0	5.0	0.0	99.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	403	95.0	99.0	20.0	0.0	99.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						98.0	99.0	6.3	0.0	99.0
12	ROUNDUP P-MAX3	5.88 SL		30.0 oz/a	EPOST	112	99.0	99.0	0.0	0.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST	206	99.0	99.0	0.0	0.0	99.0
	PROWL H2O	3.8 SC		32.0 oz/a	EPOST	307	99.0	99.0	0.0	0.0	99.0
						406	99.0	99.0	0.0	0.0	99.0
	Mean =						99.0	99.0	0.0	0.0	99.0

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							RAPRA ----- CONTROL % May-13-25	AGRASS ----- CONTROL % May-13-25	MOLVE ----- CONTROL % May-13-25	AMAPA ----- CONTROL % Aug-19-25	TOTAL WEED COVER % Aug-19-25
Trt	Treatment	Form	Form	Rate	Grow	Plot	27	28	29	30	31
No.	Name	Conc	Type	Rate	Unit	Stg					
1	NTC					101	0.0	0.0	0.0	0.0	95.0
						204	0.0	0.0	0.0	0.0	95.0
						302	0.0	0.0	0.0	0.0	75.0
						407	0.0	0.0	0.0	0.0	75.0
						Mean =	0.0	0.0	0.0	0.0	85.0
2	SURTAIN	1.628	SC	11.0 oz/a	EPOST	102	99.0	99.0	99.0	99.0	10.0
	AATREX	4	L	32.0 oz/a	EPOST	210	95.0	95.0	99.0	99.0	65.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	311	99.0	99.0	99.0	95.0	50.0
	INDUCE			0.25 % v/v	EPOST	409	95.0	95.0	99.0	99.0	10.0
	AMSOL			2.5 % v/v	EPOST						
						Mean =	97.0	97.0	99.0	98.0	33.8
3	SURTAIN	1.628	SC	11.0 oz/a	EPOST	103	99.0	99.0	99.0	95.0	10.0
	CLARITY	4	SL	8.0 oz/a	EPOST	209	99.0	99.0	99.0	99.0	20.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	304	99.0	95.0	99.0	95.0	20.0
	INDUCE			0.25 % v/v	EPOST	410	99.0	99.0	99.0	99.0	40.0
	AMSOL			2.5 % v/v	EPOST						
						Mean =	99.0	98.0	99.0	97.0	22.5
4	SURTAIN	1.628	SC	11.0 oz/a	EPOST	104	99.0	99.0	99.0	99.0	15.0
	AATREX	4	L	32.0 oz/a	EPOST	212	95.0	95.0	99.0	95.0	50.0
	CALLISTO	4	SC	3.0 oz/a	EPOST	303	99.0	99.0	99.0	95.0	15.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	408	99.0	99.0	99.0	99.0	10.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
						Mean =	98.0	98.0	99.0	97.0	22.5
5	SURTAIN	1.628	SC	11.0 oz/a	EPOST	105	99.0	99.0	99.0	95.0	20.0
	AATREX	4	L	32.0 oz/a	EPOST	203	99.0	90.0	99.0	95.0	25.0
	ARMEZON	2.8	SC	0.75 oz/a	EPOST	308	99.0	99.0	99.0	99.0	15.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	EPOST	412	99.0	99.0	99.0	99.0	30.0
	INDUCE			0.25 % v/v	EPOST						
	AMSOL			2.5 % v/v	EPOST						
						Mean =	99.0	96.8	99.0	97.0	22.5
6	SURTAIN	1.628	SC	11.0 oz/a	PRE	106	99.0	99.0	99.0	99.0	25.0
	AATREX	4	L	32.0 oz/a	PRE	211	95.0	99.0	99.0	90.0	50.0
	AATREX	4	L	32.0 oz/a	POST	312	99.0	85.0	99.0	99.0	40.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	402	85.0	99.0	99.0	99.0	10.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
						Mean =	94.5	95.5	99.0	96.8	31.3
7	SURTAIN	1.628	SC	11.0 oz/a	PRE	107	99.0	99.0	99.0	95.0	25.0
	STATUS	57.1	DG	5.0 oz/a	POST	202	99.0	99.0	99.0	99.0	15.0
	ZIDUA	4.17	SC	2.0 oz/a	POST	305	99.0	99.0	99.0	99.0	20.0
	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	411	99.0	99.0	99.0	99.0	25.0
	INDUCE			0.25 % v/v	POST						
	AMSOL			2.5 % v/v	POST						
						Mean =	99.0	99.0	99.0	98.0	21.3
8	HALEX GT	4.389	SC	60.0 oz/a	EPOST	108	95.0	95.0	99.0	99.0	25.0
	AATREX	4	L	32.0 oz/a	EPOST	207	99.0	85.0	99.0	95.0	20.0
	AMSOL			2.5 % v/v	EPOST	310	95.0	85.0	99.0	95.0	50.0
	INDUCE			0.25 % v/v	EPOST	405	95.0	90.0	99.0	99.0	15.0
						Mean =	96.0	88.8	99.0	97.0	27.5

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WEED CONTROL IN FIELD CORN WITH SURTAIN

Trial ID: CN-06-25 Study Dir.: J. SMITH
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							RAPRA ----- CONTROL % May-13-25	AGRASS ----- CONTROL % May-13-25	MOLVE ----- CONTROL % May-13-25	AMAPA ----- CONTROL % Aug-19-25	TOTAL WEED COVER % Aug-19-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Plot	27	28	29	30	31
9	OUTLOOK	6 EC		12.5 oz/a	PRE	109	99.0	99.0	99.0	99.0	20.0
	ARMEZON	2.8 SC		1.0 oz/a	POST	205	99.0	99.0	99.0	99.0	15.0
	AATREX	4 L		64.0 oz/a	POST	301	99.0	99.0	99.0	99.0	20.0
	ZIDUA	4.17 SC		2.5 oz/a	POST	404	95.0	95.0	99.0	99.0	25.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						98.0	98.0	99.0	99.0	20.0
10	WARRANT	3 ME		48.0 oz/a	PRE	110	99.0	99.0	99.0	99.0	20.0
	LAUDIS	3.5 SC		3.0 oz/a	POST	208	95.0	95.0	99.0	99.0	15.0
	AATREX	4 L		64.0 oz/a	POST	306	99.0	85.0	99.0	99.0	40.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	401	99.0	99.0	99.0	99.0	20.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						98.0	94.5	99.0	99.0	23.8
11	DUAL II MAGNUM	7.62 EC		16.0 oz/a	PRE	111	95.0	99.0	99.0	99.0	30.0
	CALLISTO	4 SC		3.0 oz/a	POST	201	99.0	99.0	99.0	99.0	20.0
	AATREX	4 L		64.0 oz/a	POST	309	99.0	99.0	99.0	99.0	15.0
	PROWL H2O	3.8 SC		32.0 oz/a	POST	403	99.0	85.0	99.0	99.0	15.0
	AGRIDEX			1.0 % v/v	POST						
	Mean =						98.0	95.5	99.0	99.0	20.0
12	ROUNDUP P-MAX3	5.88 SL		30.0 oz/a	EPOST	112	85.0	85.0	99.0	85.0	35.0
	AATREX	4 L		64.0 oz/a	EPOST	206	95.0	99.0	99.0	99.0	15.0
	PROWL H2O	3.8 SC		32.0 oz/a	EPOST	307	95.0	99.0	99.0	99.0	30.0
						406	95.0	95.0	99.0	99.0	10.0
	Mean =						92.5	94.5	99.0	95.5	22.5

WEED CONTROL IN FIELD CORN WITH SURTAIN	
Trial ID: CN-06-25	Study Dir.: J. SMITH
Location: PONDER FARM	Investigator: Eric P. Prostko

Weed Code Crop Code Rating Data Type Rating Unit Rating Date							----- ZEAMA YIELD LBS/PLOT Aug-27-25	----- ZEAMA YIELD BU/A Aug-27-25
Trt	Treatment	Form	Form	Rate	Grow			
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	
1	NTC						101 204 302 407 Mean =	40.0 . 48.0 49.0 45.7
2	SURTAIN AATREX ROUNDUP P-MAX3 INDUCE AMSOL	1.628 4 L 5.88	SC L SL	11.0 32.0 30.0 0.25 2.5	oz/a oz/a oz/a % v/v % v/v	EPOST EPOST EPOST EPOST EPOST	102 210 311 409 Mean =	51.0 45.0 51.0 51.0 49.5
3	SURTAIN CLARITY ROUNDUP P-MAX3 INDUCE AMSOL	1.628 4 L 5.88	SC SL SL	11.0 8.0 30.0 0.25 2.5	oz/a oz/a oz/a % v/v % v/v	EPOST EPOST EPOST EPOST EPOST	103 209 304 410 Mean =	51.0 45.0 . 38.0 44.7
4	SURTAIN AATREX CALLISTO ROUNDUP P-MAX3 INDUCE AMSOL	1.628 4 L 4 SC 5.88	SC L SC SL	11.0 32.0 3.0 30.0 0.25 2.5	oz/a oz/a oz/a oz/a % v/v % v/v	EPOST EPOST EPOST EPOST EPOST EPOST	104 212 303 408 Mean =	49.0 49.0 51.0 49.7
5	SURTAIN AATREX ARMEZON ROUNDUP P-MAX3 INDUCE AMSOL	1.628 4 L 2.8 SC 5.88	SC L SC SL	11.0 32.0 0.75 30.0 0.25 2.5	oz/a oz/a oz/a oz/a % v/v % v/v	EPOST EPOST EPOST EPOST EPOST EPOST	105 203 308 412 Mean =	56.0 44.0 47.0 50.0 49.3
6	SURTAIN AATREX AATREX ROUNDUP P-MAX3 INDUCE AMSOL	1.628 4 L 4 L 5.88	SC L L SL	11.0 32.0 32.0 30.0 0.25 2.5	oz/a oz/a oz/a oz/a % v/v % v/v	PRE PRE POST POST POST POST	106 211 312 402 Mean =	51.0 44.0 49.0 52.0 49.0
7	SURTAIN STATUS ZIDUA ROUNDUP P-MAX3 INDUCE AMSOL	1.628 57.1 DG 4.17 SC 5.88	SC DG SC SL	11.0 5.0 2.0 30.0 0.25 2.5	oz/a oz/a oz/a oz/a % v/v % v/v	PRE POST POST POST POST POST	107 202 305 411 Mean =	51.0 45.0 50.0 50.0 49.0
8	HALEX GT AATREX AMSOL INDUCE	4.389 4 L	SC L	60.0 32.0 2.5 0.25	oz/a oz/a % v/v % v/v	EPOST EPOST EPOST EPOST	108 207 310 405 Mean =	53.0 47.0 46.0 53.0 49.8

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WEED CONTROL IN FIELD CORN WITH SURTAIN	
Trial ID: CN-06-25	Study Dir.: J. SMITH
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit % = PERCENT CM = CENTIMETER ARM Action Codes T1 = ([C12]+[C13]+[C14]+[C15]+[C16])/5 TY2 = 5.20903466*[C32]	