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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT			
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER	
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	208	302	404
2	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	15 GAL/AC	17.19 mL/mx	1482.8 mL	102	205	309	401
3	MAVERICK	2.04	SC	14.5 oz/a	PRE	A	15 GPA	11.33 mL/mx	1488.7 mL	103	204	311	409
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	15 GAL/AC	17.19 mL/mx	1482.8 mL				
4	MAVERICK	2.04	SC	18.0 oz/a	PRE	A	15 GPA	14.06 mL/mx	1485.9 mL	104	203	312	403
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	15 GAL/AC	17.19 mL/mx	1482.8 mL				
5	MAVERICK	2.04	SC	24.0 oz/a	PRE	A	15 GPA	18.75 mL/mx	1481.3 mL	105	206	304	405
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	15 GAL/AC	17.19 mL/mx	1482.8 mL				
6	MAVERICK	2.04	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	106	202	303	412
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	15 GAL/AC	17.19 mL/mx	1482.8 mL				
7	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	EPOST	B	15 GAL/AC	17.19 mL/mx	1407.8 mL	107	211	310	402
	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					
8	SINATE	2.57	SC	24.0 oz/a	EPOST	B	15 GAL/AC	18.75 mL/mx	1466.3 mL	108	207	301	410
	AGRIDEX			1.0 % v/v	EPOST	B	15 GAL/AC	15.0 mL/mx					
9	SINATE	2.57	SC	24.0 oz/a	EPOST	B	15 GAL/AC	18.75 mL/mx	1441.3 mL	109	210	306	408
	AATREX	4	L	32.0 oz/a	EPOST	B	15 GAL/AC	25.0 mL/mx					
	AGRIDEX			1.0 % v/v	EPOST	B	15 GAL/AC	15.0 mL/mx					
10	SINATE	2.57	SC	24.0 oz/a	EPOST	B	15 GAL/AC	18.75 mL/mx	1416.3 mL	110	212	307	411
	AATREX	4	L	64.0 oz/a	EPOST	B	15 GAL/AC	50.0 mL/mx					
	AGRIDEX			1.0 % v/v	EPOST	B	15 GAL/AC	15.0 mL/mx					
11	DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A	15 GPA	12.5 mL/mx	1487.5 mL	111	209	305	406
	SHIELDDEX 400SC	3.33	SC	1.35 oz/a	POST1	C	15 GAL/AC	1.055 mL/mx	1428.9 mL				
	AATREX	4	L	32.0 oz/a	POST1	C	15 GAL/AC	25.0 mL/mx					
	AMS			2.0 % v/v	POST1	C	15 GAL/AC	30.0 mL/mx					
	AGRIDEX			1.0 % v/v	POST1	C	15 GAL/AC	15.0 mL/mx					
12	RESTRAINT	6.498	EC	36.0 oz/a	PRE	A	15 GPA	28.12 mL/mx	1446.9 mL	112	201	308	407
	AATREX	4	L	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx					
	SHIELDDEX 400SC	3.33	SC	1.35 oz/a	POST1	C	15 GAL/AC	1.055 mL/mx	1428.9 mL				
	AATREX	4	L	32.0 oz/a	POST1	C	15 GAL/AC	25.0 mL/mx					
	AMS			2.0 % v/v	POST1	C	15 GAL/AC	30.0 mL/mx					
	AGRIDEX			1.0 % v/v	POST1	C	15 GAL/AC	15.0 mL/mx					

Sort Order: Treatment

Trial Comments

MAVERICK = CLOPYRALID (0.523513 LBS AI/GAL) + MESOTRIONE (0.82581 LBS AI/GAL) + PYROXASULFONE (0.690677 LBS AI/GAL) - V10494

SINATE = TOPRAMEZONE (0.1 LBS AI/GAL) + GLUFOSINATE (2.47 LBS AI/GAL)

RESTRAINT = ACETOCHLOR (6.404 LBS AI/GAL) + TOLPYRALATE (0.094 LBS AI/GAL) + DICHLORMID (SAFENER)

HARVEST DATE:08/30/22

HARVEST MOISTURE: 17.47%

YIELDS ADJUSTED TO 15.5% MOISTURE

SUMMARY:

1) PRE APPLICATIONS OF MAVERICK CAUSED EARLY SEASON CORN STUNTING AND PROVIDED EXCELLENT (>93%) CONTROL OF PALMER AMARANTH, WILD RADISH, AND ANNUAL GRASSES.

2) PRE APPLICATIONS OF RESTRAINT PROVIDED EXCELLENT CONTROL OF PALMER AMARANTH AND WILD RADISH (>90%) BUT ONLY FAIR CONTROL OF ANNUAL GRASSES (74%).

4) ANNUAL GRASS AND WILD RADISH CONTROL WITH SINATE WAS IMPROVED WHEN TANK-MIXED WITH ATRAZINE.

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WEED CONTROL IN FIELD CORN WITH MAVERICK,

SINATE, SHIELDEX, AND RESTRAINT

Trial ID: CN-07-22

Study Dir.: H. SANDERS/W. CARTER/J. TURNER

Location: PONDER FARM Investigator: Eric P. Prostko

5) ON MAY 16 (49 DAP), ALL TREATMENTS PROVIDED >93% CONTROL OF PALMER AMARANTH, WILD RADISH AND ANNUAL GRASSES EXCEPT FOR THE FOLLOWING:

A) ROUNDUP PMAX3 (POST2) - 18% CONTROL OF PALMER AMARANTH

B) SINATE (EPOST)- 71% CONTROL OF ANNUAL GRASSES

6) ALL HERBICIDE TREATMENTS RESULTED IN HIGHER CORN YIELDS THAN THE NTC. A SINGLE APPLICATION OF ROUNDUP HAD LOWER YIELDS THAN OTHER TREATMENTS. BUT, NO OTHER DIFFERENCES IN YIELD BETWEEN TREATMENTS WERE OBSERVED.

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SINATE, SHIELDDEX, AND RESTRAINT

Trial ID: CN-07-22 Study Dir.: H. SANDERS/W. CARTER/J. TURNER
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: H. SANDERS/W. CARTER

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.	AGRASS	TX	PANICUM/CROW/CRAB/GOOSE

Crop 1: ZEAMA FIELD CORN

Variety: P2042VYHR

Planting Date: Mar-28-22

Planting Method: MONOSEM

Rate: 36300 S/A

Depth: 2 IN

Perennial Age: _____

Row Spacing: _____

Spacing Within Row: _____

Seed Bed: _____

Soil Temperature: _____

Soil Moisture: NORMAL

Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT **Reps:** 4

Site Type: _____

Tillage Type: CONVENTIONAL

Study Design: RACOB

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2021

MAINTENANCE

Field Prep./Maintenance: 1.5 TONS/A LIME-PREPLANT (03/16/22)

700 LBS/A 5-15-30-PREPLANT(03/28/22)

132-0-0-16 SIDERESS ON 04/21/22 AND 05/04/22

AXILO BMZ @ 2 LBS/A (04/26/22) - HELENA MICRONUTRIENTS

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Trial ID: CN-07-22 Study Dir.: H. SANDERS/W. CARTER/J. TURNER
Location: PONDER FARM Investigator: Eric P. Prostko

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

SOIL DESCRIPTION

% Sand: 94 % OM: 0.64 Texture: SAND
% Silt: 4 pH: 6.0 Soil Name: DOTHAN/TIFTON
% Clay: 2 CEC: 2.8 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Mar-29-22		0.4	IN	SPRINKLER - LATERAL MOVE		
2.	Mar-31-22		1.65	IN	RAINFALL		
3.	Apr-5-22		1.36	IN	RAINFALL		
4.	Apr-6-22		0.43	IN	RAINFALL		
5.	Apr-17-22		0.16	IN	RAINFALL		
6.	Apr-18-22		0.53	IN	RAINFALL		
7.	Apr-27-22		0.3	IN	SPRINKLER - LATERAL MOVE		
8.	Apr-28-22		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	May-2-22		0.5	IN	SPRINKLER - LATERAL MOVE	6	H
10.	May-3-22		0.3	IN	SPRINKLER - LATERAL MOVE		
11.	May-4-22		0.3	IN	SPRINKLER - LATERAL MOVE		
12.	May-6-22		0.45	IN	RAINFALL		
13.	May-10-22		0.38	IN	SPRINKLER - LATERAL MOVE		
14.	May-12-22		0.4	IN	SPRINKLER - LATERAL MOVE		
15.	May-16-22		0.5	IN	SPRINKLER - LATERAL MOVE		
16.	May-24-22		0.5	IN	SPRINKLER - LATERAL MOVE		
17.	May-24-22		1.8	IN	SPRINKLER - LATERAL MOVE		
18.	Jun-1-22		0.6	IN	SPRINKLER - LATERAL MOVE		
19.	Jun-7-22		0.5	IN	SPRINKLER - LATERAL MOVE		

Overall Moisture Conditions:

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	Mar-29-22	Apr-21-22	Apr-25-22	May-2-22
Time of Day:	8:50 AM	7:27 AM	6:44 AM	8:00 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EPOST	POST1	POST2
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	FOLIAGE
Air Temp., Unit:	54 F	59 F	62 F	67 F
% Relative Humidity:	72	87	93	94
Wind Velocity, Unit:	2 MPH	2 MPH	0 MPH	1 MPH
Dew Presence (Y/N):	Y	Y	Y	
Water Hardness:	--	--	--	--
Soil Temp., Unit:	58 F	60 F	68 F	70 F
Soil Moisture:	ADEQUATE	OPTIMUM	DRY	DRY
% Cloud Cover:	0	10	0	100

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Trial ID: CN-07-22

Study Dir.: H. SANDERS/W. CARTER/J. TURNER

Location: PONDER FARM Investigator: Eric P. Prostko

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	ZEAMA,	ZEAMA,	ZEAMA,	ZEAMA,
Stage Scale:		V4-V5	V5-V6	V6
Height, Unit:		7, IN	9, IN	12, IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D
Weed 1 Code, Stage:	AMAPA,	AMAPA,	AMAPA,	AMAPA,
Stage Scale:		1-2"		
Density, Unit:				
Weed 2 Code, Stage:	RAPRA,	RAPRA,	RAPRA,	RAPRA,
Stage Scale:		1-3"	3-4"	1-2"
Density, Unit:				
Weed 3 Code, Stage:	AGRAS,	AGRAS,	AGRAS,	AGRAS,
Stage Scale:		1-2"	2-3"	3-4"
Density, Unit:				

APPLICATION EQUIPMENT

	A	B	C	D
Appl. Equipment:	BACKPACK	SAME	SAME	SAME
Operating Pressure:	35			
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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Trial ID: CN-07-22			Study Dir.: H. SANDERS/W. CARTER/J. TURNER									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ZEAMA STUNTING % Apr-11-22	Zeama Stand #/5ft Apr-12-22	Zeama Stunting % Apr-19-22	Amapa Control % Apr-19-22	Agrass Control % Apr-19-22	Rapra Control % Apr-19-22
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6
No.	Name	Conc	Type	Rate	Unit	Stg	Code					
1	NTC							0.0 a	11.3 a	0.0 e	0.0 b	0.0 c
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	0.0 a	11.5 a	0.0 e	0.0 b	0.0 c
3	MAVERICK	2.04	SC	14.5	oz/a	PRE	A	1.3 a	11.0 a	11.3 abc	99.0 a	93.3 ab
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D					98.0 a
4	MAVERICK	2.04	SC	18.0	oz/a	PRE	A	1.3 a	11.0 a	10.0 bc	99.0 a	93.0 ab
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D					99.0 a
5	MAVERICK	2.04	SC	24.0	oz/a	PRE	A	2.5 a	11.0 a	12.5 ab	99.0 a	98.0 a
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D					99.0 a
6	MAVERICK	2.04	SC	32.0	oz/a	PRE	A	2.5 a	11.3 a	13.8 a	99.0 a	96.8 a
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D					99.0 a
7	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	EPOST	B	0.0 a	11.5 a	0.0 e	0.0 b	0.0 c
	AATREX	4	L	64.0	oz/a	EPOST	B					
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B					
8	SINATE	2.57	SC	24.0	oz/a	EPOST	B	0.0 a	11.3 a	0.0 e	0.0 b	0.0 c
	AGRIDEX			1.0	% v/v	EPOST	B					
9	SINATE	2.57	SC	24.0	oz/a	EPOST	B	0.0 a	11.5 a	0.0 e	0.0 b	0.0 c
	AATREX	4	L	32.0	oz/a	EPOST	B					
	AGRIDEX			1.0	% v/v	EPOST	B					
10	SINATE	2.57	SC	24.0	oz/a	EPOST	B	0.0 a	10.5 a	0.0 e	0.0 b	0.0 c
	AATREX	4	L	64.0	oz/a	EPOST	B					
	AGRIDEX			1.0	% v/v	EPOST	B					
11	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	1.3 a	10.8 a	6.3 d	99.0 a	88.5 b
	SHIELDDEX 400SC	3.33	SC	1.35	oz/a	POST1	C					35.0 b
	AATREX	4	L	32.0	oz/a	POST1	C					
	AMS			2.0	% v/v	POST1	C					
	AGRIDEX			1.0	% v/v	POST1	C					
12	RESTRAINT	6.498	EC	36.0	oz/a	PRE	A	0.0 a	10.5 a	8.8 cd	99.0 a	93.3 ab
	AATREX	4	L	32.0	oz/a	PRE	A					99.0 a
	SHIELDDEX 400SC	3.33	SC	1.35	oz/a	POST1	C					
	AATREX	4	L	32.0	oz/a	POST1	C					
	AMS			2.0	% v/v	POST1	C					
	AGRIDEX			1.0	% v/v	POST1	C					
LSD P=.10							2.09	0.86	3.25	.	7.37	3.50
Standard Deviation							1.75	0.72	2.72	0.00	6.16	2.93
CV							239.36	6.48	52.18	0.0	13.13	6.64
Grand Mean							0.73	11.08	5.21	49.50	46.90	44.08
Bartlett's X2^							42.925	9.291	16.283	.	26.768	56.892
P(Bartlett's X2)							0.00*	0.595	0.131	.	0.005*	0.00*

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=8

Could not calculate LSD (% mean diff) for columns 4,14,15,16 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT											
Trial ID: CN-07-22			Study Dir.: H. SANDERS/W. CARTER/J. TURNER								
Location: PONDER FARM			Investigator: Eric P. Prostko								
Weed Code			-----	-----	-----	Amapa	Agrass	Rapra			
Crop Code			Zeama	Zeama	Zeama	-----	-----	-----			
Part Rated			Stunting	Leaf, -	Leaf, -	Control	Control	Control			
Rating Data Type			%	Necrosis	Chlorosis	%	%	%			
Rating Unit			Apr-25-22	Apr-25-22	Apr-25-22	Apr-25-22	Apr-25-22	Apr-25-22			
Rating Date											
Trt Treatment	Form	Form	Rate	Grow	Appl	7	8	9	10	11	12
No. Name	Conc	Type	Rate Unit	Stg	Code						
1 NTC						0.0 e	0.0 b	0.0 d	0.0 c	0.0 c	0.0 g
2 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2	D	0.0 e	0.0 b	0.0 d	0.0 c	0.0 c	0.0 g
3 MAVERICK	2.04 SC		14.5 oz/a	PRE	A	15.0 b	0.0 b	0.0 d	99.0 a	78.3 ab	88.5 c
ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2	D						
4 MAVERICK	2.04 SC		18.0 oz/a	PRE	A	13.8 bc	1.7 ab	0.0 d	99.0 a	86.0 ab	96.8 ab
ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2	D						
5 MAVERICK	2.04 SC		24.0 oz/a	PRE	A	23.8 a	0.0 b	1.3 cd	99.0 a	88.3 ab	99.0 a
ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2	D						
6 MAVERICK	2.04 SC		32.0 oz/a	PRE	A	22.5 a	1.3 b	0.0 d	99.0 a	89.5 ab	99.0 a
ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2	D						
7 ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	EPOST	B	5.0 de	3.8 a	3.8 bc	95.5 ab	75.0 b	80.0 d
AATREX	4 L		64.0 oz/a	EPOST	B						
PROWL H20	3.8 SC		32.0 oz/a	EPOST	B						
8 SINATE	2.57 SC		24.0 oz/a	EPOST	B	0.0 e	1.3 b	5.0 b	90.5 b	78.5 ab	70.0 e
AGRIDEX			1.0 % v/v	EPOST	B						
9 SINATE	2.57 SC		24.0 oz/a	EPOST	B	7.5 cd	3.8 a	10.0 a	99.0 a	95.5 a	88.8 c
AATREX	4 L		32.0 oz/a	EPOST	B						
AGRIDEX			1.0 % v/v	EPOST	B						
10 SINATE	2.57 SC		24.0 oz/a	EPOST	B	10.0 bcd	3.8 a	5.0 b	99.0 a	92.0 ab	93.5 abc
AATREX	4 L		64.0 oz/a	EPOST	B						
AGRIDEX			1.0 % v/v	EPOST	B						
11 DUAL II MAGNUM	7.64 EC		16.0 oz/a	PRE	A	10.0 bcd	0.0 b	2.5 bcd	99.0 a	86.0 ab	51.3 f
SHIELDEX 400SC	3.33 SC		1.35 oz/a	POST1	C						
AATREX	4 L		32.0 oz/a	POST1	C						
AMS			2.0 % v/v	POST1	C						
AGRIDEX			1.0 % v/v	POST1	C						
12 RESTRAINT	6.498 EC		36.0 oz/a	PRE	A	11.3 bcd	0.0 b	1.3 cd	99.0 a	73.5 b	91.0 bc
AATREX	4 L		32.0 oz/a	PRE	A						
SHIELDEX 400SC	3.33 SC		1.35 oz/a	POST1	C						
AATREX	4 L		32.0 oz/a	POST1	C						
AMS			2.0 % v/v	POST1	C						
AGRIDEX			1.0 % v/v	POST1	C						
LSD P=.10						7.15	2.19	3.41	6.42	18.92	6.84
Standard Deviation						5.98	1.83	2.85	5.36	15.81	5.72
CV						60.42	142.64	118.77	6.58	22.52	8.0
Grand Mean						9.90	1.28	2.40	81.50	70.21	71.48
Bartlett's X2^						13.446	45.886	12.363	64.25	18.667	9.057
P(Bartlett's X2)						0.265	0.00*	0.337	0.00*	0.067	0.617

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=8

Could not calculate LSD (% mean diff) for columns 4,14,15,16 because error mean square = 0.

^Calculated from residual.

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Trial ID: CN-07-22			Study Dir.: H. SANDERS/W. CARTER/J. TURNER								
Location: PONDER FARM			Investigator: Eric P. Prostko								
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Zeama Stunting % May-2-22	Zeama Leaf, - Necrosis % May-2-22	Zeama Chlorosis % May-2-22	Amapa Control % May-2-22	Agrass Control % May-2-22	Rapra Control % May-2-22
Trt Treatment No. Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code	13	14	15	16	17	18
1 NTC						0.0 d	0.0 a	0.0 a	0.0 b	0.0 f	0.0 c
2 ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	0.0 d	0.0 a	0.0 a	0.0 b	0.0 f	0.0 c
3 MAVERICK	2.04	SC	14.5 oz/a	PRE	A	17.5 c	0.0 a	0.0 a	99.0 a	76.3 de	81.0 ab
ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D						
4 MAVERICK	2.04	SC	18.0 oz/a	PRE	A	17.5 c	0.0 a	0.0 a	99.0 a	86.0 bcd	90.0 a
ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D						
5 MAVERICK	2.04	SC	24.0 oz/a	PRE	A	25.0 b	0.0 a	0.0 a	99.0 a	92.0 abc	88.8 ab
ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D						
6 MAVERICK	2.04	SC	32.0 oz/a	PRE	A	35.0 a	0.0 a	0.0 a	99.0 a	83.5 cde	92.5 a
ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D						
7 ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	EPOST	B	0.0 d	0.0 a	0.0 a	99.0 a	95.5 ab	86.0 ab
AATREX	4	L	64.0 oz/a	EPOST	B						
PROWL H20	3.8	SC	32.0 oz/a	EPOST	B						
8 SINATE	2.57	SC	24.0 oz/a	EPOST	B	2.5 d	0.0 a	0.0 a	99.0 a	75.0 e	83.8 ab
AGRIDEX			1.0 % v/v	EPOST	B						
9 SINATE	2.57	SC	24.0 oz/a	EPOST	B	6.3 d	0.0 a	0.0 a	99.0 a	97.0 a	76.3 b
AATREX	4	L	32.0 oz/a	EPOST	B						
AGRIDEX			1.0 % v/v	EPOST	B						
10 SINATE	2.57	SC	24.0 oz/a	EPOST	B	6.3 d	0.0 a	0.0 a	99.0 a	99.0 a	84.8 ab
AATREX	4	L	64.0 oz/a	EPOST	B						
AGRIDEX			1.0 % v/v	EPOST	B						
11 DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A	16.3 c	0.0 a	0.0 a	99.0 a	98.0 a	87.3 ab
SHIELDDEX 400SC	3.33	SC	1.35 oz/a	POST1	C						
AATREX	4	L	32.0 oz/a	POST1	C						
AMS			2.0 % v/v	POST1	C						
AGRIDEX			1.0 % v/v	POST1	C						
12 RESTRAINT	6.498	EC	36.0 oz/a	PRE	A	15.0 c	0.0 a	0.0 a	99.0 a	95.8 ab	88.8 ab
AATREX	4	L	32.0 oz/a	PRE	A						
SHIELDDEX 400SC	3.33	SC	1.35 oz/a	POST1	C						
AATREX	4	L	32.0 oz/a	POST1	C						
AMS			2.0 % v/v	POST1	C						
AGRIDEX			1.0 % v/v	POST1	C						
LSD P=.10						7.10	.	.	.	10.96	12.62
Standard Deviation						5.94	0.00	0.00	0.00	9.16	10.55
CV						50.43	0.0	0.0	0.0	12.24	14.73
Grand Mean						11.77	0.00	0.00	82.50	74.83	71.58
Bartlett's X2^						29.881	.	.	.	22.762	25.951
P(Bartlett's X2)						0.002*	.	.	.	0.019*	0.007*

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=8

Could not calculate LSD (% mean diff) for columns 4,14,15,16 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT													
Trial ID: CN-07-22			Study Dir.: H. SANDERS/W. CARTER/J. TURNER										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Zeama Plant, - Stunting % May-16-22	Amapa Control % May-16-22	Rapra Control % May-16-22	AGRASS Control % May-16-22	Amapa Control % Jun-7-22	Rapra Control % Jun-7-22	
Trt	Treatment	Form	Form	Rate	Grow	Appl	19	20	21	22	23	24	
No.	Name	Conc	Type	Rate	Unit	Stg	Code						
1	NTC							0.0 c	0.0 c	0.0 c	0.0 c	0.0 e	
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	7.5 b	17.5 b	99.0 a	99.0 a	5.0 b	95.0 a
3	MAVERICK ROUNDUP P-MAX3	2.04 5.88	SC SL	14.5 22.0	oz/a oz/a	PRE POST2	A D	5.0 bc	99.0 a	93.3 b	97.0 a	98.8 a	77.5 c
4	MAVERICK ROUNDUP P-MAX3	2.04 5.88	SC SL	18.0 22.0	oz/a oz/a	PRE POST2	A D	5.0 bc	99.0 a	95.5 ab	99.0 a	100.0 a	78.0 bc
5	MAVERICK ROUNDUP P-MAX3	2.04 5.88	SC SL	24.0 22.0	oz/a oz/a	PRE POST2	A D	16.3 a	99.0 a	94.8 ab	99.0 a	100.0 a	88.8 ab
6	MAVERICK ROUNDUP P-MAX3	2.04 5.88	SC SL	32.0 22.0	oz/a oz/a	PRE POST2	A D	21.3 a	99.0 a	95.5 ab	98.0 a	100.0 a	87.5 abc
7	ROUNDUP P-MAX3 AATREX PROWL H20	5.88 4 L 3.8	SL L SC	22.0 64.0 32.0	oz/a oz/a oz/a	EPOST EPOST EPOST	B B B	0.0 c	99.0 a	98.0 ab	99.0 a	100.0 a	95.0 a
8	SINATE AGRIDEX	2.57	SC	24.0 1.0	oz/a % v/v	EPOST EPOST	B B	0.0 c	98.0 a	94.5 ab	71.3 b	96.3 a	56.3 d
9	SINATE AATREX AGRIDEX	2.57 4 L	SC L	24.0 32.0 1.0	oz/a oz/a % v/v	EPOST EPOST EPOST	B B B	0.0 c	99.0 a	99.0 a	94.8 a	100.0 a	88.8 ab
10	SINATE AATREX AGRIDEX	2.57 4 L	SC L	24.0 64.0 1.0	oz/a oz/a % v/v	EPOST EPOST EPOST	B B B	2.5 bc	99.0 a	99.0 a	96.8 a	100.0 a	93.8 a
11	DUAL II MAGNUM SHIELDEX 400SC AATREX AMS AGRIDEX	7.64 3.33 4 L	EC SC L	16.0 1.35 32.0 2.0 1.0	oz/a oz/a oz/a % v/v % v/v	PRE POST1 POST1 POST1 POST1	A C C C C	0.0 c	99.0 a	95.5 ab	99.0 a	100.0 a	95.0 a
12	RESTRAINT AATREX SHIELDEX 400SC AATREX AMS AGRIDEX	6.498 4 L 3.33 4 L	EC L SC L	36.0 32.0 1.35 32.0 2.0 1.0	oz/a oz/a oz/a oz/a % v/v % v/v	PRE PRE POST1 POST1 POST1 POST1	A A C C C C	5.0 bc	99.0 a	99.0 a	95.8 a	100.0 a	87.5 abc
LSD P=.10								5.29	4.44	5.35	6.61	3.80	11.07
Standard Deviation								4.42	3.71	4.47	5.52	3.18	9.25
CV								84.8	4.43	5.04	6.32	3.81	11.77
Grand Mean								5.21	83.88	88.58	87.38	83.33	78.58
Bartlett's X2^								20.978	66.08	22.043	55.692	39.341	43.082
P(Bartlett's X2)								0.034*	0.00*	0.024*	0.00*	0.00*	0.00*

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=8

Could not calculate LSD (% mean diff) for columns 4,14,15,16 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT									
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code						-----	-----		
Crop Code						Zeama	Zeama		
Part Rated						Plot, -	Plot, -		
Rating Data Type						Yield	YIELD		
Rating Unit						Lbs/plot	BU/A		
Rating Date						Aug-30-22	Aug-30-22		
Trt	Treatment	Form	Form	Rate	Grow	Appl	25	26	
No.	Name	Conc	Type	Rate Unit	Stg	Code			
1	NTC						29.0 c	146.9 c	
2	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D	38.0 b	192.5 b	
3	MAVERICK	2.04	SC	14.5 oz/a	PRE	A	46.3 a	234.2 a	
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D			
4	MAVERICK	2.04	SC	18.0 oz/a	PRE	A	43.8 a	221.6 a	
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D			
5	MAVERICK	2.04	SC	24.0 oz/a	PRE	A	47.8 a	241.8 a	
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D			
6	MAVERICK	2.04	SC	32.0 oz/a	PRE	A	44.3 a	224.1 a	
	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	POST2	D			
7	ROUNDUP P-MAX3	5.88	SL	22.0 oz/a	EPOST	B	46.5 a	235.5 a	
	AATREX	4	L	64.0 oz/a	EPOST	B			
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B			
8	SINATE	2.57	SC	24.0 oz/a	EPOST	B	44.3 a	224.1 a	
	AGRINDEX			1.0 % v/v	EPOST	B			
9	SINATE	2.57	SC	24.0 oz/a	EPOST	B	46.0 a	233.0 a	
	AATREX	4	L	32.0 oz/a	EPOST	B			
	AGRINDEX			1.0 % v/v	EPOST	B			
10	SINATE	2.57	SC	24.0 oz/a	EPOST	B	44.8 a	226.7 a	
	AATREX	4	L	64.0 oz/a	EPOST	B			
	AGRINDEX			1.0 % v/v	EPOST	B			
11	DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A	46.0 a	233.0 a	
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C			
	AATREX	4	L	32.0 oz/a	POST1	C			
	AMS			2.0 % v/v	POST1	C			
	AGRINDEX			1.0 % v/v	POST1	C			
12	RESTRAINT	6.498	EC	36.0 oz/a	PRE	A	44.3 a	224.1 a	
	AATREX	4	L	32.0 oz/a	PRE	A			
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C			
	AATREX	4	L	32.0 oz/a	POST1	C			
	AMS			2.0 % v/v	POST1	C			
	AGRINDEX			1.0 % v/v	POST1	C			
LSD P=.10							5.52	27.97	
Standard Deviation							4.62	23.38	
CV							10.64	10.64	
Grand Mean							43.40	219.79	
Bartlett's X2^							11.428	11.428	
P(Bartlett's X2)							0.408	0.408	

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=8

Could not calculate LSD (% mean diff) for columns 4,14,15,16 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDX, AND RESTRAINT Trial ID: CN-07-22 Study Dir.: H. SANDERS/W. CARTER/J. TURNER Location: PONDER FARM Investigator: Eric P. Prostko					
Randomized Complete Block (RCB) AOV For ----- ZEAMA STUNTING % Apr-11-22 (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	149.479167			
Replicate	3	5.729167	1.909722	0.627	0.6027
Treatment	11	43.229167	3.929924	1.290	0.2730
Error	33	100.520833	3.046086		
Randomized Complete Block (RCB) AOV For Zeama Stand #/5ft Apr-12-22 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	25.666667			
Replicate	3	3.000000	1.000000	1.941	0.1421
Treatment	11	5.666667	0.515152	1.000	0.4671
Error	33	17.000000	0.515152		
Randomized Complete Block (RCB) AOV For Zeama Stunting % Apr-19-22 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1747.916667			
Replicate	3	56.250000	18.750000	2.538	0.0734
Treatment	11	1447.916667	131.628788	17.821	0.0001
Error	33	243.750000	7.386364		
Randomized Complete Block (RCB) AOV For Amapa Control % Apr-19-22 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	117612.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	117612.000000	10692.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass Control % Apr-19-22 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	107326.479167			
Replicate	3	290.895833	96.965278	2.559	0.0718
Treatment	11	105785.229167	9616.839015	253.813	0.0001
Error	33	1250.354167	37.889520		
Randomized Complete Block (RCB) AOV For Rapra Control % Apr-19-22 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	107163.666667			
Replicate	3	29.333333	9.777778	1.142	0.3467
Treatment	11	106851.666667	9713.787879	1134.039	0.0001
Error	33	282.666667	8.565657		
Randomized Complete Block (RCB) AOV For ----- Zeama Stunting % Apr-25-22 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	4174.479167			
Replicate	3	126.562500	42.187500	1.180	0.3322
Treatment	11	2868.229167	260.748106	7.294	0.0001
Error	33	1179.687500	35.748106		
Randomized Complete Block (RCB) AOV For ----- Zeama Leaf Necrosis % Apr-25-22 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	46	223.553241			
Replicate	3	2.951389	0.983796	0.293	0.8302
Treatment	11	113.136574	10.285143	3.063	0.0066
Error	32	107.465278	3.358290		
Randomized Complete Block (RCB) AOV For ----- Zeama Leaf Chlorosis % Apr-25-22 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	749.479167			
Replicate	3	64.062500	21.354167	2.637	0.0659
Treatment	11	418.229167	38.020833	4.696	0.0003
Error	33	267.187500	8.096591		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Apr-25-22 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65060.000000			
Replicate	3	64.666667	21.555556	0.749	0.5306
Treatment	11	64046.000000	5822.363636	202.393	0.0001
Error	33	949.333333	28.767677		

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT Trial ID: CN-07-22 Study Dir.: H. SANDERS/W. CARTER/J. TURNER Location: PONDER FARM Investigator: Eric P. Prostko						
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Apr-25-22 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	57937.916667				
Replicate	3	338.916667	112.972222	0.452	0.7178	
Treatment	11	49346.416667	4486.037879	17.939	0.0001	
Error	33	8252.583333	250.078283			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % Apr-25-22 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	58693.979167				
Replicate	3	375.562500	125.187500	3.830	0.0185	
Treatment	11	57239.729167	5203.611742	159.193	0.0001	
Error	33	1078.687500	32.687500			
Randomized Complete Block (RCB) AOV For Zeama Stunting % May-2-22 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	6674.479167				
Replicate	3	18.229167	6.076389	0.172	0.9143	
Treatment	11	5493.229167	499.384470	14.170	0.0001	
Error	33	1163.020833	35.243056			
Randomized Complete Block (RCB) AOV For Zeama Leaf Necrosis % May-2-22 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	11	0.000000000000	0.000000000000	0.000	1.0000	
Error	33	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For Zeama Chlorosis % May-2-22 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	11	0.000000000000	0.000000000000	0.000	1.0000	
Error	33	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For Amapa Control % May-2-22 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	65340.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	65340.000000	5940.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Agrass Control % May-2-22 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	59766.666667				
Replicate	3	304.166667	101.388889	1.208	0.3221	
Treatment	11	56693.166667	5153.924242	61.415	0.0001	
Error	33	2769.333333	83.919192			
Randomized Complete Block (RCB) AOV For Rapra Control % May-2-22 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	53943.666667				
Replicate	3	275.000000	91.666667	0.824	0.4900	
Treatment	11	49998.166667	4545.287879	40.865	0.0001	
Error	33	3670.500000	111.227273			
Randomized Complete Block (RCB) AOV For Zeama Plant Stunting % May-16-22 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	2847.916667				
Replicate	3	93.750000	31.250000	1.602	0.2076	
Treatment	11	2110.416667	191.856061	9.835	0.0001	
Error	33	643.750000	19.507576			
Randomized Complete Block (RCB) AOV For Amapa Control % May-16-22 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	55283.250000				
Replicate	3	32.250000	10.750000	0.780	0.5135	
Treatment	11	54796.250000	4981.477273	361.493	0.0001	
Error	33	454.750000	13.780303			

[illegible]

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT										
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						----- ZEAMA	Zeama	Zeama	Amapa	Agrass
						STUNTING % Apr-11-22	Stand #/5ft Apr-12-22	Stunting % Apr-19-22	Control % Apr-19-22	Control % Apr-19-22
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2
									3	4
									5	
1	NTC						101		0.0	11.0
							208		0.0	12.0
							302		0.0	11.0
							404		0.0	11.0
							Mean =		0.0	11.3
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	102	0.0	11.0
							205		0.0	12.0
							309		0.0	11.0
							401		0.0	12.0
							Mean =		0.0	11.5
3	MAVERICK	2.04	SC	14.5	oz/a	PRE	A	103	0.0	11.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	204	0.0	11.0
							311		0.0	12.0
							409		5.0	10.0
							Mean =		1.3	11.0
4	MAVERICK	2.04	SC	18.0	oz/a	PRE	A	104	0.0	11.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	203	5.0	11.0
							312		0.0	11.0
							403		0.0	11.0
							Mean =		1.3	11.0
5	MAVERICK	2.04	SC	24.0	oz/a	PRE	A	105	5.0	12.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	206	0.0	10.0
							304		0.0	11.0
							405		5.0	11.0
							Mean =		2.5	11.0
6	MAVERICK	2.04	SC	32.0	oz/a	PRE	A	106	0.0	12.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	202	5.0	11.0
							303		5.0	11.0
							412		0.0	11.0
							Mean =		2.5	11.3
7	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	EPOST	B	107	0.0	11.0
	AATREX	4	L	64.0	oz/a	EPOST	B	211	0.0	12.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	310	0.0	11.0
							402		0.0	12.0
							Mean =		0.0	11.5
8	SINATE	2.57	SC	24.0	oz/a	EPOST	B	108	0.0	11.0
	AGRIDEX			1.0	% v/v	EPOST	B	207	0.0	12.0
							301		0.0	11.0
							410		0.0	11.0
							Mean =		0.0	11.3
9	SINATE	2.57	SC	24.0	oz/a	EPOST	B	109	0.0	13.0
	AATREX	4	L	32.0	oz/a	EPOST	B	210	0.0	12.0
	AGRIDEX			1.0	% v/v	EPOST	B	306	0.0	10.0
							408		0.0	11.0
							Mean =		0.0	11.5
10	SINATE	2.57	SC	24.0	oz/a	EPOST	B	110	0.0	11.0
	AATREX	4	L	64.0	oz/a	EPOST	B	212	0.0	11.0
	AGRIDEX			1.0	% v/v	EPOST	B	307	0.0	11.0
							411		0.0	9.0
							Mean =		0.0	10.5

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT					
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER			
Location: PONDER FARM		Investigator: Eric P. Prostko			

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ZEAMA	Zeama	Zeama	Amapa	Agrass
							STUNTING % Apr-11-22	Stand #/5ft Apr-12-22	Stunting % Apr-19-22	Control % Apr-19-22	Control % Apr-19-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	1	2	3	4	5
11	DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A 111	0.0	11.0	0.0	99.0	65.0
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 209	5.0	11.0	10.0	99.0	95.0
	AATREX	4	L	32.0 oz/a	POST1	C 305	0.0	11.0	10.0	99.0	95.0
	AMS			2.0 % v/v	POST1	C 406	0.0	10.0	5.0	99.0	99.0
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						1.3	10.8	6.3	99.0	88.5
12	RESTRAINT	6.498	EC	36.0 oz/a	PRE	A 112	0.0	11.0	10.0	99.0	85.0
	AATREX	4	L	32.0 oz/a	PRE	A 201	0.0	11.0	5.0	99.0	90.0
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 308	0.0	9.0	10.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	POST1	C 407	0.0	11.0	10.0	99.0	99.0
	AMS			2.0 % v/v	POST1	C					
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						0.0	10.5	8.8	99.0	93.3

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT

Trial ID: CN-07-22 Study Dir.: H. SANDERS/W. CARTER/J. TURNER

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Rapra	----- Zeama	----- Zeama Leaf, - Necrosis %	----- Zeama Leaf, - Chlorosis %	Amapa ----- Control %	
							Control % Apr-19-22	Stunting % Apr-25-22	Necrosis % Apr-25-22	Chlorosis % Apr-25-22	Control % Apr-25-22	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	6	7	8	9	10
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							208	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							404	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		POST2 D	102	0.0	0.0	0.0	0.0	0.0
							205	0.0	0.0	0.0	0.0	0.0
							309	0.0	0.0	0.0	0.0	0.0
							401	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
3	MAVERICK	2.04 SC		14.5 oz/a		PRE A	103	99.0	15.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		POST2 D	204	99.0	10.0	0.0	0.0	99.0
							311	95.0	10.0	0.0	0.0	99.0
							409	99.0	25.0	0.0	0.0	99.0
							Mean =	98.0	15.0	0.0	0.0	99.0
4	MAVERICK	2.04 SC		18.0 oz/a		PRE A	104	99.0	15.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		POST2 D	203	99.0	10.0	5.0	0.0	99.0
							312	99.0	15.0	0.0	0.0	99.0
							403	99.0	15.0	0.0	0.0	99.0
							Mean =	99.0	13.8	1.7	0.0	99.0
5	MAVERICK	2.04 SC		24.0 oz/a		PRE A	105	99.0	20.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		POST2 D	206	99.0	30.0	0.0	0.0	99.0
							304	99.0	15.0	0.0	0.0	99.0
							405	99.0	30.0	0.0	5.0	99.0
							Mean =	99.0	23.8	0.0	1.3	99.0
6	MAVERICK	2.04 SC		32.0 oz/a		PRE A	106	99.0	20.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		POST2 D	202	99.0	25.0	5.0	0.0	99.0
							303	99.0	15.0	0.0	0.0	99.0
							412	99.0	30.0	0.0	0.0	99.0
							Mean =	99.0	22.5	1.3	0.0	99.0
7	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a		EPOST B	107	0.0	0.0	5.0	0.0	99.0
	AATREX	4 L		64.0 oz/a		EPOST B	211	0.0	0.0	0.0	0.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a		EPOST B	310	0.0	10.0	5.0	5.0	99.0
							402	0.0	10.0	5.0	10.0	85.0
							Mean =	0.0	5.0	3.8	3.8	95.5
8	SINATE	2.57 SC		24.0 oz/a		EPOST B	108	0.0	0.0	0.0	0.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	207	0.0	0.0	0.0	5.0	99.0
							301	0.0	0.0	5.0	10.0	65.0
							410	0.0	0.0	0.0	5.0	99.0
							Mean =	0.0	0.0	1.3	5.0	90.5
9	SINATE	2.57 SC		24.0 oz/a		EPOST B	109	0.0	0.0	5.0	5.0	99.0
	AATREX	4 L		32.0 oz/a		EPOST B	210	0.0	15.0	5.0	5.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	306	0.0	5.0	0.0	15.0	99.0
							408	0.0	10.0	5.0	15.0	99.0
							Mean =	0.0	7.5	3.8	10.0	99.0
10	SINATE	2.57 SC		24.0 oz/a		EPOST B	110	0.0	10.0	5.0	5.0	99.0
	AATREX	4 L		64.0 oz/a		EPOST B	212	0.0	20.0	5.0	0.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	307	0.0	10.0	5.0	10.0	99.0
							411	0.0	0.0	0.0	5.0	99.0
							Mean =	0.0	10.0	3.8	5.0	99.0

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT													
Trial ID: CN-07-22			Study Dir.: H. SANDERS/W. CARTER/J. TURNER										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code							Rapra	----- Zeama	----- Zeama	----- Zeama	Amapa		
Crop Code									Leaf, -	Leaf, -			
Part Rated									Necrosis	Chlorosis			
Rating Data Type							Control	Stunting	%	%	Control		
Rating Unit							%	%	%	%	%		
Rating Date							Apr-19-22	Apr-25-22	Apr-25-22	Apr-25-22	Apr-25-22		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	6	7	8	9	10
11	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	111	50.0	10.0	0.0	5.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35	oz/a	POST1	C	209	30.0	20.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	POST1	C	305	30.0	10.0	0.0	5.0	99.0
	AMS			2.0	% v/v	POST1	C	406	30.0	0.0	0.0	0.0	99.0
	AGRIDEX			1.0	% v/v	POST1	C						
	Mean =								35.0	10.0	0.0	2.5	99.0
12	RESTRAINT	6.498	EC	36.0	oz/a	PRE	A	112	99.0	15.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	PRE	A	201	99.0	20.0	0.0	5.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35	oz/a	POST1	C	308	99.0	10.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	POST1	C	407	99.0	0.0	0.0	0.0	99.0
	AMS			2.0	% v/v	POST1	C						
	AGRIDEX			1.0	% v/v	POST1	C						
Mean =								99.0	11.3	0.0	1.3	99.0	

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT														
Trial ID: CN-07-22					Study Dir.: H. SANDERS/W. CARTER/J. TURNER									
Location: PONDER FARM					Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass ----- Control % Apr-25-22	Rapra ----- Control % Apr-25-22	Zeama Stunting % May-2-22	Zeama Leaf, - Necrosis % May-2-22	Zeama Chlorosis % May-2-22	Amapa Control % May-2-22		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11	12	13	14	15	16
1	NTC						101		0.0	0.0	0.0	0.0	0.0	0.0
							208		0.0	0.0	0.0	0.0	0.0	0.0
							302		0.0	0.0	0.0	0.0	0.0	0.0
							404		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
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	102	0.0	0.0	0.0	0.0	0.0	0.0
							205		0.0	0.0	0.0	0.0	0.0	0.0
							309		0.0	0.0	0.0	0.0	0.0	0.0
							401		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
3	MAVERICK	2.04	SC	14.5	oz/a	PRE	A	103	99.0	99.0	20.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	204	50.0	85.0	10.0	0.0	0.0	99.0
							311		65.0	85.0	10.0	0.0	0.0	99.0
							409		99.0	85.0	30.0	0.0	0.0	99.0
							Mean =		78.3	88.5	17.5	0.0	0.0	99.0
4	MAVERICK	2.04	SC	18.0	oz/a	PRE	A	104	85.0	90.0	20.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	203	65.0	99.0	10.0	0.0	0.0	99.0
							312		95.0	99.0	25.0	0.0	0.0	99.0
							403		99.0	99.0	15.0	0.0	0.0	99.0
							Mean =		86.0	96.8	17.5	0.0	0.0	99.0
5	MAVERICK	2.04	SC	24.0	oz/a	PRE	A	105	90.0	99.0	30.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	206	99.0	99.0	25.0	0.0	0.0	99.0
							304		65.0	99.0	20.0	0.0	0.0	99.0
							405		99.0	99.0	25.0	0.0	0.0	99.0
							Mean =		88.3	99.0	25.0	0.0	0.0	99.0
6	MAVERICK	2.04	SC	32.0	oz/a	PRE	A	106	99.0	99.0	40.0	0.0	0.0	99.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	202	65.0	99.0	30.0	0.0	0.0	99.0
							303		99.0	99.0	30.0	0.0	0.0	99.0
							412		95.0	99.0	40.0	0.0	0.0	99.0
							Mean =		89.5	99.0	35.0	0.0	0.0	99.0
7	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	EPOST	B	107	85.0	85.0	0.0	0.0	0.0	99.0
	AATREX	4	L	64.0	oz/a	EPOST	B	211	85.0	65.0	0.0	0.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	310	65.0	85.0	0.0	0.0	0.0	99.0
							402		65.0	85.0	0.0	0.0	0.0	99.0
							Mean =		75.0	80.0	0.0	0.0	0.0	99.0
8	SINATE	2.57	SC	24.0	oz/a	EPOST	B	108	85.0	85.0	0.0	0.0	0.0	99.0
	AGRIDEX			1.0	% v/v	EPOST	B	207	99.0	65.0	10.0	0.0	0.0	99.0
							301		65.0	65.0	0.0	0.0	0.0	99.0
							410		65.0	65.0	0.0	0.0	0.0	99.0
							Mean =		78.5	70.0	2.5	0.0	0.0	99.0
9	SINATE	2.57	SC	24.0	oz/a	EPOST	B	109	85.0	90.0	0.0	0.0	0.0	99.0
	AATREX	4	L	32.0	oz/a	EPOST	B	210	99.0	85.0	10.0	0.0	0.0	99.0
	AGRIDEX			1.0	% v/v	EPOST	B	306	99.0	85.0	15.0	0.0	0.0	99.0
							408		99.0	95.0	0.0	0.0	0.0	99.0
							Mean =		95.5	88.8	6.3	0.0	0.0	99.0
10	SINATE	2.57	SC	24.0	oz/a	EPOST	B	110	99.0	99.0	10.0	0.0	0.0	99.0
	AATREX	4	L	64.0	oz/a	EPOST	B	212	85.0	85.0	15.0	0.0	0.0	99.0
	AGRIDEX			1.0	% v/v	EPOST	B	307	99.0	95.0	0.0	0.0	0.0	99.0
							411		85.0	95.0	0.0	0.0	0.0	99.0
							Mean =		92.0	93.5	6.3	0.0	0.0	99.0

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT														
Trial ID: CN-07-22				Study Dir.: H. SANDERS/W. CARTER/J. TURNER										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass ----- Control % Apr-25-22	Rapra ----- Control % Apr-25-22	Zeama Stunting % May-2-22	Zeama Leaf, - Necrosis % May-2-22	Zeama Chlorosis % May-2-22	Amapa Control % May-2-22		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11	12	13	14	15	16
11	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	111	65.0	65.0	10.0	0.0	0.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35	oz/a	POST1	C	209	99.0	50.0	20.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	POST1	C	305	95.0	50.0	20.0	0.0	0.0	99.0
	AMS			2.0	% v/v	POST1	C	406	85.0	40.0	15.0	0.0	0.0	99.0
	AGRIDEX			1.0	% v/v	POST1	C							
	Mean =								86.0	51.3	16.3	0.0	0.0	99.0
12	RESTRAINT	6.498	EC	36.0	oz/a	PRE	A	112	50.0	99.0	20.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	PRE	A	201	50.0	85.0	15.0	0.0	0.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35	oz/a	POST1	C	308	99.0	95.0	20.0	0.0	0.0	99.0
	AATREX		4 L	32.0	oz/a	POST1	C	407	95.0	85.0	5.0	0.0	0.0	99.0
	AMS			2.0	% v/v	POST1	C							
	AGRIDEX			1.0	% v/v	POST1	C							
Mean =								73.5	91.0	15.0	0.0	0.0	99.0	

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT											
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass Control % May-2-22	Rapra Control % May-2-22	Zeama Plant, - Stunting % May-16-22	Amapa Control % May-16-22	Rapra Control % May-16-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	17	18	19	20	21
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						208	0.0	0.0	0.0	0.0	0.0
						302	0.0	0.0	0.0	0.0	0.0
						404	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2 D	102	0.0	0.0	0.0	20.0	99.0
						205	0.0	0.0	10.0	30.0	99.0
						309	0.0	0.0	0.0	20.0	99.0
						401	0.0	0.0	20.0	0.0	99.0
						Mean =	0.0	0.0	7.5	17.5	99.0
3	MAVERICK	2.04 SC		14.5 oz/a	PRE A	103	85.0	99.0	0.0	99.0	99.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2 D	204	50.0	85.0	10.0	99.0	90.0
						311	85.0	65.0	0.0	99.0	99.0
						409	85.0	75.0	10.0	99.0	85.0
						Mean =	76.3	81.0	5.0	99.0	93.3
4	MAVERICK	2.04 SC		18.0 oz/a	PRE A	104	85.0	85.0	0.0	99.0	85.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2 D	203	65.0	95.0	10.0	99.0	99.0
						312	95.0	95.0	10.0	99.0	99.0
						403	99.0	85.0	0.0	99.0	99.0
						Mean =	86.0	90.0	5.0	99.0	95.5
5	MAVERICK	2.04 SC		24.0 oz/a	PRE A	105	90.0	90.0	20.0	99.0	90.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2 D	206	99.0	85.0	20.0	99.0	95.0
						304	80.0	95.0	15.0	99.0	99.0
						405	99.0	85.0	10.0	99.0	95.0
						Mean =	92.0	88.8	16.3	99.0	94.8
6	MAVERICK	2.04 SC		32.0 oz/a	PRE A	106	99.0	90.0	25.0	99.0	85.0
	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	POST2 D	202	65.0	95.0	20.0	99.0	99.0
						303	85.0	95.0	20.0	99.0	99.0
						412	85.0	90.0	20.0	99.0	99.0
						Mean =	83.5	92.5	21.3	99.0	95.5
7	ROUNDUP P-MAX3	5.88 SL		22.0 oz/a	EPOST B	107	99.0	95.0	0.0	99.0	95.0
	AATREX	4 L		64.0 oz/a	EPOST B	211	99.0	99.0	0.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	EPOST B	310	99.0	85.0	0.0	99.0	99.0
						402	85.0	65.0	0.0	99.0	99.0
						Mean =	95.5	86.0	0.0	99.0	98.0
8	SINATE	2.57 SC		24.0 oz/a	EPOST B	108	85.0	65.0	0.0	99.0	95.0
	AGRIDEX			1.0 % v/v	EPOST B	207	85.0	85.0	0.0	95.0	85.0
						301	65.0	90.0	0.0	99.0	99.0
						410	65.0	95.0	0.0	99.0	99.0
						Mean =	75.0	83.8	0.0	98.0	94.5
9	SINATE	2.57 SC		24.0 oz/a	EPOST B	109	95.0	65.0	0.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	EPOST B	210	99.0	85.0	0.0	99.0	99.0
	AGRIDEX			1.0 % v/v	EPOST B	306	95.0	90.0	0.0	99.0	99.0
						408	99.0	65.0	0.0	99.0	99.0
						Mean =	97.0	76.3	0.0	99.0	99.0
10	SINATE	2.57 SC		24.0 oz/a	EPOST B	110	99.0	90.0	0.0	99.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST B	212	99.0	85.0	10.0	99.0	99.0
	AGRIDEX			1.0 % v/v	EPOST B	307	99.0	99.0	0.0	99.0	99.0
						411	99.0	65.0	0.0	99.0	99.0
						Mean =	99.0	84.8	2.5	99.0	99.0

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT					
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER			
Location: PONDER FARM		Investigator: Eric P. Prostko			

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass	Rapra	Zeama Plant, - Stunting %	Amapa	Rapra
							Control % May-2-22	Control % May-2-22	Control % May-16-22	Control % May-16-22	Control % May-16-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	17	18	19	20	21
11	DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A 111	99.0	90.0	0.0	99.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 209	99.0	65.0	0.0	99.0	85.0
	AATREX	4	L	32.0 oz/a	POST1	C 305	95.0	95.0	0.0	99.0	99.0
	AMS			2.0 % v/v	POST1	C 406	99.0	99.0	0.0	99.0	99.0
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						98.0	87.3	0.0	99.0	95.5
12	RESTRAINT	6.498	EC	36.0 oz/a	PRE	A 112	95.0	95.0	10.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	PRE	A 201	90.0	85.0	10.0	99.0	99.0
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 308	99.0	85.0	0.0	99.0	99.0
	AATREX	4	L	32.0 oz/a	POST1	C 407	99.0	90.0	0.0	99.0	99.0
	AMS			2.0 % v/v	POST1	C					
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						95.8	88.8	5.0	99.0	99.0

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDDEX, AND RESTRAINT										
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						AGRASS Control % May-16-22	Amapa Control % Jun-7-22	Rapra Control % Jun-7-22	----- Zeama Plot, - Yield Lbs/plot Aug-30-22	----- Zeama Plot, - YIELD BU/A Aug-30-22
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	22	23
1	NTC						101		0.0	0.0
							208		0.0	0.0
							302		0.0	0.0
							404		0.0	0.0
							Mean =		0.0	0.0
2	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	102	99.0	20.0
							205		99.0	0.0
							309		99.0	0.0
							401		99.0	0.0
							Mean =		99.0	5.0
3	MAVERICK	2.04	SC	14.5	oz/a	PRE	A	103	95.0	100.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	204	95.0	100.0
							311		99.0	95.0
							409		99.0	100.0
							Mean =		97.0	98.8
4	MAVERICK	2.04	SC	18.0	oz/a	PRE	A	104	99.0	100.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	203	99.0	100.0
							312		99.0	100.0
							403		99.0	100.0
							Mean =		99.0	100.0
5	MAVERICK	2.04	SC	24.0	oz/a	PRE	A	105	99.0	100.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	206	99.0	100.0
							304		99.0	100.0
							405		99.0	100.0
							Mean =		99.0	100.0
6	MAVERICK	2.04	SC	32.0	oz/a	PRE	A	106	99.0	100.0
	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	POST2	D	202	95.0	100.0
							303		99.0	100.0
							412		99.0	100.0
							Mean =		98.0	100.0
7	ROUNDUP P-MAX3	5.88	SL	22.0	oz/a	EPOST	B	107	99.0	100.0
	AATREX	4	L	64.0	oz/a	EPOST	B	211	99.0	100.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	310	99.0	100.0
							402		99.0	100.0
							Mean =		99.0	100.0
8	SINATE	2.57	SC	24.0	oz/a	EPOST	B	108	85.0	100.0
	AGRIDEX			1.0	% v/v	EPOST	B	207	85.0	95.0
							301		50.0	90.0
							410		65.0	100.0
							Mean =		71.3	96.3
9	SINATE	2.57	SC	24.0	oz/a	EPOST	B	109	95.0	100.0
	AATREX	4	L	32.0	oz/a	EPOST	B	210	95.0	100.0
	AGRIDEX			1.0	% v/v	EPOST	B	306	90.0	100.0
							408		99.0	100.0
							Mean =		94.8	100.0
10	SINATE	2.57	SC	24.0	oz/a	EPOST	B	110	99.0	100.0
	AATREX	4	L	64.0	oz/a	EPOST	B	212	90.0	100.0
	AGRIDEX			1.0	% v/v	EPOST	B	307	99.0	100.0
							411		99.0	100.0
							Mean =		96.8	100.0

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WEED CONTROL IN FIELD CORN WITH MAVERICK, SINATE, SHIELDEX, AND RESTRAINT					
Trial ID: CN-07-22		Study Dir.: H. SANDERS/W. CARTER/J. TURNER			
Location: PONDER FARM		Investigator: Eric P. Prostko			

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AGRASS Control % May-16-22	Amapa Control % Jun-7-22	Rapra Control % Jun-7-22	----- Zeama Plot, - Yield Lbs/plot Aug-30-22	----- Zeama Plot, - YIELD BU/A Aug-30-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	22	23	24	25	26
11	DUAL II MAGNUM	7.64	EC	16.0 oz/a	PRE	A 111	99.0	100.0	95.0	45.0	227.9
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 209	99.0	100.0	95.0	48.0	243.1
	AATREX	4	L	32.0 oz/a	POST1	C 305	99.0	100.0	95.0	47.0	238.0
	AMS			2.0 % v/v	POST1	C 406	99.0	100.0	95.0	44.0	222.9
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						99.0	100.0	95.0	46.0	233.0
12	RESTRAINT	6.498	EC	36.0 oz/a	PRE	A 112	95.0	100.0	75.0	43.0	217.8
	AATREX	4	L	32.0 oz/a	PRE	A 201	90.0	100.0	85.0	42.0	212.7
	SHIELDEX 400SC	3.33	SC	1.35 oz/a	POST1	C 308	99.0	100.0	95.0	47.0	238.0
	AATREX	4	L	32.0 oz/a	POST1	C 407	99.0	100.0	95.0	45.0	227.9
	AMS			2.0 % v/v	POST1	C					
	AGRIDEX			1.0 % v/v	POST1	C					
	Mean =						95.8	100.0	87.5	44.3	224.1

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WEED CONTROL IN FIELD CORN WITH MAVERICK,
SINATE, SHIELDEX, AND RESTRAINT

Trial ID: CN-07-22

Study Dir.: H. SANDERS/W. CARTER/J. TURNER

Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

Leaf = LEAF / FOLIAGE

Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

Rating Data Type

Yield = YIELD

Rating Unit

% = PERCENT

ARM Action Codes

TY1 = 5.06481657*[25]