

University of Georgia

ROUNDUP + ATRAZINE + ZIDUA +/- LIQUID BORON
 IN FIELD CORN
 Trial ID: CN-08-25 Study Dir.: S. MCALLISTER
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 3 plots; minimum=0.5866 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	NTC					A		-	101	204	303
2	ROUNDUP P-MAX3	5.88	SL	27.0 oz/a	EPOST	A	21.09 mL/mx	1427 mL	102	201	304
	AATREX		L	64.0 oz/a	EPOST	A	50.0 mL/mx				
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	A	1.953 mL/mx				
3	ROUNDUP P-MAX3	5.88	SL	27.0 oz/a	EPOST	A	21.09 mL/mx	1402 mL	103	202	301
	AATREX		L	64.0 oz/a	EPOST	A	50.0 mL/mx				
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	A	1.953 mL/mx				
	10% LIQUID BORON	10.8	SL	32.0 oz/a	EPOST	A	25.0 mL/mx				
4	ROUNDUP P-MAX3	5.88	SL	27.0 oz/a	EPOST	A	21.09 mL/mx	1377 mL	104	203	302
	AATREX		L	64.0 oz/a	EPOST	A	50.0 mL/mx				
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	A	1.953 mL/mx				
	10% LIQUID BORON	10.8	SL	64.0 oz/a	EPOST	A	50.0 mL/mx				

Sort Order: Treatment

Trial Comments

RWG LIQUID BORON 10%
 10% BORON (BORIC ACID)
 10.8 LBS/GAL

MIXING ORDER
 1) BORON
 2) AATREX
 3) ZIDUA
 4) RUPM3

HARVEST DATE: 08/26/25
 HARVEST MOISTURE: 14.775
 YIELDS ADJUSTED TO 15.5% MOISTURE.

MISSING YIELD DATA DUE TO COMBINE PROBLEMS.

SUMMARY:

- 1) NO MIXING PROBLEMS WERE OBSERVED.
- 2) AT 9 DAT, LIQUID BORON CAUSED SLIGHT INCREASES IN LEAF NECROSIS WHEN TANK-MIXED WITH ROUNDUP POWERMAX3 + ATRAZINE + ZIDUA.
- 3) LIQUID BORON TANK-MIXED WITH ROUNDUP POWERMAX3 + ATRAZINE + ZIDUA HAD NO EFFECT ON WEED CONTROL OR YIELD.

Study Director: S. MCALLISTER **Title:** _____
Affiliation: _____
Postal Code: _____

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

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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.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	LAMAM	HE	NBIT
5.	SPEAR	CO	RN SPURRY
6.	MOLVE	CA	RPETWEED

Crop 1: ZEAMA FIELD CORN Variety: PIONEER 13777PWUE
 Planting Date: Mar-26-25 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: _____ Emergence Date: _____

Plot Width, Unit: **6** FT Plot Length, Unit: **25** FT Reps: **3**

Site Type: _____
 Tillage Type: **CONVENTIONAL** Study Design: **RACOBL**

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	SOYBEAN		2024

MAINTENANCE

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

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

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% Sand: 94 % OM: 0.93 Texture: SAND
 % Silt: 4 pH: 6.0 Soil Name: TIFTON
 % Clay: 2 CEC: 3.7 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Mar-27-25		0.35	IN	SPRINKLER - LATERAL MOVE		
2.	Mar-30-25		0.04	IN	RAINFALL		
3.	Mar-31-25		0.11	IN	RAINFALL		
4.	Apr-7-25		4.9	IN	RAINFALL		
5.	Apr-9-25		0.30	IN	SPRINKLER - LATERAL MOVE	8	HAT
6.	Apr-11-25		0.10	IN	RAINFALL		
7.	Apr-17-25		0.30	IN	SPRINKLER - LATERAL MOVE		
8.	Apr-27-25		0.80	IN	RAINFALL		
9.	May-1-25		0.50	IN	SPRINKLER - LATERAL MOVE		
10.	May-2-25		0.20	IN	SPRINKLER - LATERAL MOVE		
11.	May-6-25		0.50	IN	SPRINKLER - LATERAL MOVE		
12.	May-9-25		0.47	IN	RAINFALL		
13.	May-10-25		0.11	IN	RAINFALL		
14.	May-11-25		0.42	IN	RAINFALL		
15.	May-15-25		0.50	IN	SPRINKLER - LATERAL MOVE		
16.	May-18-25		0.50	IN	SPRINKLER - LATERAL MOVE		
17.	May-19-25		0.40	IN	SPRINKLER - LATERAL MOVE		
18.	May-21-25		0.50	IN	SPRINKLER - LATERAL MOVE		
19.	May-21-25		0.30	IN	RAINFALL		
20.	May-23-25		0.50	IN	SPRINKLER - LATERAL MOVE		
21.	May-26-25		0.50	IN	SPRINKLER - LATERAL MOVE		

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

APPLICATION DESCRIPTION

	A
Application Date:	Apr-9-25
Time of Day:	8:00 AM
Application Method:	BROADCAST
Application Timing:	EPOST
Applic. Placement:	FOLIAGE
Air Temp., Unit:	46 F
% Relative Humidity:	82
Wind Velocity, Unit:	1 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	52 F
Soil Moisture:	WET
% Cloud Cover:	0

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CROP STAGE AT EACH APPLICATION

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

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	AGRAS,
Stage Scale:	
Density, Unit:	1-2"
Weed 2 Code, Stage:	AMAPA,
Stage Scale:	
Density, Unit:	1-2"
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	1-2"
Weed 4 Code, Stage:	LAMAM,
Stage Scale:	
Density, Unit:	0.5"
Weed 5 Code, Stage:	SPEAR,
Stage Scale:	
Density, Unit:	1-2"
Weed 6 Code, Stage:	MOLVE,
Stage Scale:	
Density, Unit:	0.5"

APPLICATION EQUIPMENT

	A
Appl. Equipment:	BACKPACK
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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				----- Zeama Stunt % Apr-11-25 2 DA-A	----- Zeama Necrosis % Apr-11-25 2 DA-A	----- Zeama Stunt % Apr-18-25 9 DA-A	----- Zeama Necrosis % Apr-18-25 9 DA-A	Amapa ----- Control % Apr-18-25 9 DA-A	Rapra ----- Control % Apr-18-25 9 DA-A			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	1	2	3	4	5	6
1	NTC						0.0 -	0.0 -	0.0 na	0.0 c	0.0 na	0.0 na
2	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		1.7 -	0.0 -	0.0 na	1.7 bc	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST							
	ZIDUA	4.17 SC		2.5 oz/a	EPOST							
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		1.7 -	0.0 -	0.0 na	3.3 ab	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST							
	ZIDUA	4.17 SC		2.5 oz/a	EPOST							
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST							
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		1.7 -	1.7 -	0.0 na	5.0 a	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST							
	ZIDUA	4.17 SC		2.5 oz/a	EPOST							
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST							
LSD P=.10							2.29	2.29	.	2.96	.	.
Standard Deviation							1.44	1.44	0.00	1.86	0.00	0.00
CV							115.47	346.41	0.0	74.54	0.0	0.0
Grand Mean							1.25	0.42	0.00	2.50	74.25	74.25
Bartlett's X2^							3.637	3.637	.	0.577	.	.
P(Bartlett's X2)							0.303	0.303	.	0.902	.	.
Rank X2							.	.	.	.	.	.
P(Rank X2)							.	.	.	.	.	.
Skewness^							-0.9381	0.9381	.	0.0	.	.
P(Skewness)^							0.216	0.216	.	1.0	.	.
Kurtosis^							1.5278	1.5278	.	-1.2687	.	.
P(Kurtosis)^							0.2924	0.2924	.	0.3782	.	.
Replicate F							9.000	1.000	NaN	1.800	NaN	NaN
Replicate Prob(F)							0.0156	0.4219	NaN	0.2441	NaN	NaN
Treatment F							1.000	1.000	NaN	4.000	NaN	NaN
Treatment Prob(F)							0.4547	0.4547	NaN	0.0701	NaN	NaN

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=23,24
 Could not calculate LSD (% mean diff) or mean separation letters for columns 3,5,6,8,10,11,13,14,15,16,17,19,20 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 Code	Agrass	Lamam	----- Zeama	Amapa	Rapra	Agrass	Lamam
Crop Code	-----	-----	-----	-----	-----	-----	-----
Rating Data Type	Control	Control	Stunting	Control	Control	Control	Control
Rating Unit	%	%	%	%	%	%	%
Rating Date	Apr-18-25	Apr-18-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25
Trt-Eval Interval	9 DA-A	9 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A
Trt No.	7	8	9	10	11	12	13
Treatment Name	Form Conc	Form Conc	Rate Unit	Grow Stg			
1	NTC						
2	ROUNDUP P-MAX3	5.88 SL	27.0 oz/a	EPOST			
	AATREX	4 L	64.0 oz/a	EPOST			
	ZIDUA	4.17 SC	2.5 oz/a	EPOST			
3	ROUNDUP P-MAX3	5.88 SL	27.0 oz/a	EPOST			
	AATREX	4 L	64.0 oz/a	EPOST			
	ZIDUA	4.17 SC	2.5 oz/a	EPOST			
	10% LIQUID BORON	10.8 SL	32.0 oz/a	EPOST			
4	ROUNDUP P-MAX3	5.88 SL	27.0 oz/a	EPOST			
	AATREX	4 L	64.0 oz/a	EPOST			
	ZIDUA	4.17 SC	2.5 oz/a	EPOST			
	10% LIQUID BORON	10.8 SL	64.0 oz/a	EPOST			
LSD P=.10	4.12	.	2.96	.	.	8.59	.
Standard Deviation	2.60	0.00	1.86	0.00	0.00	5.41	0.00
CV	3.53	0.0	89.44	0.0	0.0	7.96	0.0
Grand Mean	73.50	74.25	2.08	74.25	74.25	68.00	74.25
Bartlett's X2^	3.637	.	0.577	.	.	0.468	.
P(Bartlett's X2)	0.303	.	0.902	.	.	0.926	.
Rank X2	.	.	.	.	.	.	.
P(Rank X2)	.	.	.	.	.	.	.
Skewness^	-0.9381	.	0.0	.	.	0.1216	.
P(Skewness)^	0.216	.	1.0	.	.	0.8679	.
Kurtosis^	1.5278	.	-1.2687	.	.	-1.3049	.
P(Kurtosis)^	0.2924	.	0.3782	.	.	0.3652	.
Replicate F	1.000	NaN	4.200	NaN	NaN	4.769	NaN
Replicate Prob(F)	0.4219	NaN	0.0723	NaN	NaN	0.0576	NaN
Treatment F	1068.000	NaN	2.200	NaN	NaN	211.117	NaN
Treatment Prob(F)	0.0001	NaN	0.1889	NaN	NaN	0.0001	NaN

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				Spear	Molve	Zeama	Amapa	Agrass	Lamam	Molve			
				-----	-----	-----	-----	-----	-----	-----			
				Control	Control	Stunting	Control	Control	Control	Control			
				%	%	%	%	%	%	%			
				Apr-26-25	Apr-26-25	May-7-25	May-7-25	May-7-25	May-7-25	May-7-25			
				17 DA-A	17 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A			
Trt	Treatment	Form	Form	Rate	Grow								
No.	Name	Conc	Type	Rate	Unit	Stg	14	15	16	17	18	19	20
1	NTC						0.0 na	0.0 na	0.0 na	0.0 na	0.0 b	0.0 na	0.0 na
2	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		99.0 na	99.0 na	0.0 na	99.0 na	89.7 a	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST								
	ZIDUA	4.17 SC		2.5 oz/a	EPOST								
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		99.0 na	99.0 na	0.0 na	99.0 na	93.3 a	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST								
	ZIDUA	4.17 SC		2.5 oz/a	EPOST								
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST								
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST		99.0 na	99.0 na	0.0 na	99.0 na	90.0 a	99.0 na	99.0 na
	AATREX	4 L		64.0 oz/a	EPOST								
	ZIDUA	4.17 SC		2.5 oz/a	EPOST								
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST								
LSD P=.10							.	.	.	.	7.97	.	.
Standard Deviation							0.00	0.00	0.00	0.00	5.02	0.00	0.00
CV							0.0	0.0	0.0	0.0	7.36	0.0	0.0
Grand Mean							74.25	74.25	0.00	74.25	68.25	74.25	74.25
Bartlett's X2^							.	.	.	.	1.462	.	.
P(Bartlett's X2)							.	.	.	.	0.691	.	.
Rank X2							.	.	.	.	.	.	.
P(Rank X2)							.	.	.	.	.	.	.
Skewness^							.	.	.	.	-0.0919	.	.
P(Skewness)^							.	.	.	.	0.9	.	.
Kurtosis^							.	.	.	.	-1.0801	.	.
P(Kurtosis)^							.	.	.	.	0.4509	.	.
Replicate F							NaN	NaN	NaN	NaN	2.894	NaN	NaN
Replicate Prob(F)							NaN	NaN	NaN	NaN	0.1318	NaN	NaN
Treatment F							NaN	NaN	NaN	NaN	246.567	NaN	NaN
Treatment Prob(F)							NaN	NaN	NaN	NaN	0.0001	NaN	NaN

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					Amapa	Weed	-----	-----		
					-----	Cover	ZEAMA	ZEAMA		
					Control		YIELD	YIELD		
					%	%	LBS/PLOT	BU/A		
					Jul-30-25	Jul-30-25	Aug-26-25	Aug-26-25		
					112 DA-A	112 DA-A	139 DA-A	139 DA-A		
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	21	22		
							23	24		
1	NTC						0.0 b	95.0 a	42.5 -	222.3 -
2	ROUNDUP P-MAX3	5.88	SL	27.0	oz/a	EPOST	99.0 a	18.3 b	49.5 -	258.9 -
	AATREX	4	L	64.0	oz/a	EPOST				
	ZIDUA	4.17	SC	2.5	oz/a	EPOST				
3	ROUNDUP P-MAX3	5.88	SL	27.0	oz/a	EPOST	97.7 a	20.0 b	45.7 -	238.8 -
	AATREX	4	L	64.0	oz/a	EPOST				
	ZIDUA	4.17	SC	2.5	oz/a	EPOST				
	10% LIQUID BORON	10.8	SL	32.0	oz/a	EPOST				
4	ROUNDUP P-MAX3	5.88	SL	27.0	oz/a	EPOST	97.7 a	15.0 b	48.0 -	251.0 -
	AATREX	4	L	64.0	oz/a	EPOST				
	ZIDUA	4.17	SC	2.5	oz/a	EPOST				
	10% LIQUID BORON	10.8	SL	64.0	oz/a	EPOST				
LSD P=.10					2.12	11.45	7.51	39.30		
Standard Deviation					1.33	7.22	3.91	20.45		
CV					1.81	19.46	8.42	8.42		
Grand Mean					73.58	37.08	46.42	242.77		
Bartlett's X2^					0.00	1.219	.	.		
P(Bartlett's X2)					1.00	0.749	.	.		
Rank X2					.	.	.	.
P(Rank X2)					.	.	.	.
Skewness^					0.0	-0.0976	0.0519	0.0519		
P(Skewness)^					1.0	0.8939	0.9518	0.9518		
Kurtosis^					-1.65	-0.9229	-1.5909	-1.5909		
P(Kurtosis)^					0.2575	0.5179	0.3561	0.3561		
Replicate F					3.000	1.960	0.124	0.124		
Replicate Prob(F)					0.1250	0.2213	0.8877	0.8877		
Treatment F					4061.547	86.120	1.826	1.826		
Treatment Prob(F)					0.0001	0.0001	0.3167	0.3167		

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 Mean separation letters are 'na' (not applicable) when error variance is 0
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Rating Unit
% = PERCENT
ARM Action Codes
TY1 = 5.2302071*[23]

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Weed Code						-----	-----	-----	-----	Amapa	Rapra	
Crop Code						Zeama	Zeama	Zeama	Zeama	-----	-----	
Rating Data Type						Stunt	Necrosis	Stunt	Necrosis	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Apr-11-25	Apr-11-25	Apr-18-25	Apr-18-25	Apr-18-25	Apr-18-25	
Trt-Eval Interval						2 DA-A	2 DA-A	9 DA-A	9 DA-A	9 DA-A	9 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Plot	1	2	3	4	5	6
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0
						204	0.0	0.0	0.0	0.0	0.0	0.0
						303	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		27.0 oz/a	EPOST	102	5.0	0.0	0.0	0.0	99.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST	201	0.0	0.0	0.0	5.0	99.0	99.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	304	0.0	0.0	0.0	0.0	99.0	99.0
						Mean =	1.7	0.0	0.0	1.7	99.0	99.0
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	103	5.0	0.0	0.0	0.0	99.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST	202	0.0	0.0	0.0	5.0	99.0	99.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	301	0.0	0.0	0.0	5.0	99.0	99.0
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST							
						Mean =	1.7	0.0	0.0	3.3	99.0	99.0
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	104	5.0	0.0	0.0	5.0	99.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST	203	0.0	0.0	0.0	5.0	99.0	99.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	302	0.0	5.0	0.0	5.0	99.0	99.0
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST							
						Mean =	1.7	1.7	0.0	5.0	99.0	99.0

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ROUNDUP + ATRAZINE + ZIDUA +/- LIQUID BORON
 IN FIELD CORN
 Trial ID: CN-08-25 Study Dir.: S. MCALLISTER
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Agrass	Lamam	----- Zeama	Amapa	Rapra	Agrass	
Crop Code						-----	-----	-----	-----	-----	-----	
Rating Data Type						Control	Control	Stunting	Control	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Apr-18-25	Apr-18-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	
Trt-Eval Interval						9 DA-A	9 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Plot	7	8	9	10	11	12
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0
						204	0.0	0.0	0.0	0.0	0.0	0.0
						303	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		27.0 oz/a	EPOST	102	99.0	99.0	5.0	99.0	99.0	85.0
	AATREX	4 L		64.0 oz/a	EPOST	201	99.0	99.0	5.0	99.0	99.0	85.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	304	99.0	99.0	0.0	99.0	99.0	99.0
						Mean =	99.0	99.0	3.3	99.0	99.0	89.7
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	103	99.0	99.0	5.0	99.0	99.0	99.0
	AATREX	4 L		64.0 oz/a	EPOST	202	90.0	99.0	5.0	99.0	99.0	85.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	301	99.0	99.0	0.0	99.0	99.0	99.0
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST							
						Mean =	96.0	99.0	3.3	99.0	99.0	94.3
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	104	99.0	99.0	0.0	99.0	99.0	85.0
	AATREX	4 L		64.0 oz/a	EPOST	203	99.0	99.0	5.0	99.0	99.0	80.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	302	99.0	99.0	0.0	99.0	99.0	99.0
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST							
						Mean =	99.0	99.0	1.7	99.0	99.0	88.0

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ROUNDUP + ATRAZINE + ZIDUA +/- LIQUID BORON
 IN FIELD CORN
 Trial ID: CN-08-25 Study Dir.: S. MCALLISTER
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Lamam	Spear	Molve	Zeama	Amapa	Agrass	
Crop Code						-----	-----	-----	-----	-----	-----	
Rating Data Type						Control	Control	Control	Stunting	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Apr-26-25	Apr-26-25	Apr-26-25	May-7-25	May-7-25	May-7-25	
Trt-Eval Interval						17 DA-A	17 DA-A	17 DA-A	28 DA-A	28 DA-A	28 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Plot	13	14	15	16	17	18
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0
						204	0.0	0.0	0.0	0.0	0.0	0.0
						303	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		27.0 oz/a	EPOST	102	99.0	99.0	99.0	0.0	99.0	85.0
	AATREX	4 L		64.0 oz/a	EPOST	201	99.0	99.0	99.0	0.0	99.0	85.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	304	99.0	99.0	99.0	0.0	99.0	99.0
						Mean =	99.0	99.0	99.0	0.0	99.0	89.7
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	103	99.0	99.0	99.0	0.0	99.0	95.0
	AATREX	4 L		64.0 oz/a	EPOST	202	99.0	99.0	99.0	0.0	99.0	90.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	301	99.0	99.0	99.0	0.0	99.0	95.0
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST							
						Mean =	99.0	99.0	99.0	0.0	99.0	93.3
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	104	99.0	99.0	99.0	0.0	99.0	95.0
	AATREX	4 L		64.0 oz/a	EPOST	203	99.0	99.0	99.0	0.0	99.0	80.0
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	302	99.0	99.0	99.0	0.0	99.0	95.0
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST							
						Mean =	99.0	99.0	99.0	0.0	99.0	90.0

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ROUNDUP + ATRAZINE + ZIDUA +/- LIQUID BORON
 IN FIELD CORN
 Trial ID: CN-08-25 Study Dir.: S. MCALLISTER
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Lamam	Molve	Amapa	Weed	-----	-----	
Crop Code						-----	-----	-----	Cover	ZEAMA	ZEAMA	
Rating Data Type						Control	Control	Control	%	YIELD	YIELD	
Rating Unit						%	%	%	%	LBS/PLOT	BU/A	
Rating Date						May-7-25	May-7-25	Jul-30-25	Jul-30-25	Aug-26-25	Aug-26-25	
Trt-Eval Interval						28 DA-A	28 DA-A	112 DA-A	112 DA-A	139 DA-A	139 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Plot	19	20	21	22	23	24
1	NTC					101	0.0	0.0	0.0	95.0	.	.
						204	0.0	0.0	0.0	95.0	39.0	204.0
						303	0.0	0.0	0.0	95.0	46.0	240.6
						Mean =	0.0	0.0	0.0	95.0	42.5	222.3
2	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	102	99.0	99.0	99.0	20.0	49.0	256.3
	AATREX	4 L		64.0 oz/a	EPOST	201	99.0	99.0	99.0	20.0	50.0	261.5
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	304	99.0	99.0	99.0	15.0	.	.
						Mean =	99.0	99.0	99.0	18.3	49.5	258.9
3	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	103	99.0	99.0	99.0	5.0	49.0	256.3
	AATREX	4 L		64.0 oz/a	EPOST	202	99.0	99.0	99.0	25.0	44.0	230.1
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	301	99.0	99.0	95.0	30.0	44.0	230.1
	10% LIQUID BORON	10.8 SL		32.0 oz/a	EPOST							
						Mean =	99.0	99.0	97.7	20.0	45.7	238.8
4	ROUNDUP P-MAX3	5.88 SL		27.0 oz/a	EPOST	104	99.0	99.0	99.0	5.0	.	.
	AATREX	4 L		64.0 oz/a	EPOST	203	99.0	99.0	99.0	20.0	50.0	261.5
	ZIDUA	4.17 SC		2.5 oz/a	EPOST	302	99.0	99.0	95.0	20.0	46.0	240.6
	10% LIQUID BORON	10.8 SL		64.0 oz/a	EPOST							
						Mean =	99.0	99.0	97.7	15.0	48.0	251.0

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ROUNDUP + ATRAZINE + ZIDUA +/- LIQUID BORON
IN FIELD CORN
Trial ID: CN-08-25 Study Dir.: S. MCALLISTER
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit
% = PERCENT
ARM Action Codes
TY1 = 5.2302071*[23]