

University of Georgia

LAUDIS + ATRAZINE + MSO + DUAL MAGNUM
FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
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 Unit	Stg	Appl Code	Amt Product to Measure	Diluent	Rep		
										1	2	3
1	NTC								-	101	202	301
2	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx	1432.7 mL	102	203	302
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx				
	MSO			1.0	% v/v	EPOST	A	15.0 mL/mx				
3	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx	1420.2 mL	103	201	303
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	A	12.5 mL/mx				
	MSO			1.0	% v/v	EPOST	A	15.0 mL/mx				

Sort Order: Treatment

Trial Comments

HARVEST MOISTURE: 17.28
YIELDS ADJUSTED TO 15.5%

SUMMARY

- 1) ADDITIONS OF DUAL TO LAUDIS + ATRAZINE + MSO CAUSED A SLIGHT INCREASE IN LEAF BURN.
- 2) AT 50 DAT, PALMER AMARANTH CONTROL, ANNUAL GRASS, AND WILD RADISH CONTROL WAS GREATER THAN 91%.
- 3) CORN YIELD DATA WERE AS FOLLOWS:

LAUDIS + ATRAZINE + MSO > LAUDIS + ATRAZINE + MSO + DUAL MAGNUM > NTC

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 FOR WEED CONTROL IN FIELD CORN
 Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KEITH RUCKER **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective:
Conclusions:

CROP AND PEST DESCRIPTION

Weed 1: AMAPA PALMER AMARANTH **2:** AGRASS TX PAN;CRAB;CROW;GOOSE
Weed 3: RAPRA WILD RADISH **4:** _____

Crop 1: ZEAMA FIELD CORN **Variety:** PIONEER 1870YHR **Planting Date:** Apr-1-19
Planting Method: MONOSEM **Rate:** 36300 SEED/A **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **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: 800 LBS/A 5-10-15 PREPLANT; 125 LBS/A NITROGEN - APRIL 23; 128 LBS/A NITROGEN - MAY 1; 2 LBS/A AXILO MIX 5 - MAY 2

Previous: Crops Pesticides Year
 1. PEANUT 2018 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.78 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 3.3 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-4-19	0.25		IN SPRINKLER - LATERAL MOVE		
2.	Apr-4-19	0.02		IN RAIN		
3.	Apr-5-19	0.02		IN RAIN		
4.	Apr-6-19	0.21		IN RAIN		
5.	Apr-9-19	0.16		IN RAIN		
6.	Apr-11-19	0.50		IN SPRINKLER - LATERAL MOVE		
7.	Apr-25-19	0.5		IN SPRINKLER - LATERAL MOVE		
8.	Apr-25-19	0.05		IN RAIN		
9.	May-26-19	0.03		IN RAIN		
10.	May-29-19	0.5		IN SPRINKLER - LATERAL MOVE		
11.	May-6-19	0.75		IN SPRINKLER - LATERAL MOVE		
12.	May-9-19	0.195		IN RAIN		
13.	May-10-19	0.3		IN SPRINKLER - LATERAL MOVE		
14.	May-10-19	0.11		IN RAIN		
15.	May-11-19	0.65		IN RAIN		
16.	May-12-19	0.27		IN RAIN		
17.	May-16-19	0.5		IN SPRINKLER - LATERAL MOVE		
18.	May-17-19	0.62		IN RAIN		
19.	May-21-19	0.5		IN SPRINKLER - LATERAL MOVE		
20.	May-23-19	0.75		IN SPRINKLER - LATERAL MOVE		
21.	May-24-19	0.75		IN SPRINKLER - LATERAL MOVE		
22.	May-27-19	0.75		IN SPRINKLER - LATERAL MOVE		

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FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

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

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	Apr-22-19	_____	_____	_____	_____	_____	_____
Time of Day:	8:15 AM	_____	_____	_____	_____	_____	_____
Application Method:	BROADCAST	_____	_____	_____	_____	_____	_____
Application Timing:	EPOST	_____	_____	_____	_____	_____	_____
Applic. Placement:	FOLIAGE	_____	_____	_____	_____	_____	_____
Air Temp., Unit:	53 F	_____	_____	_____	_____	_____	_____
% Relative Humidity:	87	_____	_____	_____	_____	_____	_____
Wind Velocity, Unit:	0 MPH	_____	_____	_____	_____	_____	_____
Dew Presence (Y/N):	Y	_____	_____	_____	_____	_____	_____
Water Hardness:		_____	_____	_____	_____	_____	_____
Soil Temp., Unit:	59 F	_____	_____	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	_____	_____	_____	_____	_____	_____
% Cloud Cover:	0	_____	_____	_____	_____	_____	_____

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1 Stage:	ZEAMA	_____	_____	_____	_____	_____	_____
Stage Scale:	V4; 7"	_____	_____	_____	_____	_____	_____
Height, Unit:		_____	_____	_____	_____	_____	_____

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:	AMAPA 1-2"T	_____	_____	_____	_____	_____	_____
Stage Scale:	4-6 LF	_____	_____	_____	_____	_____	_____
Density, Unit:		_____	_____	_____	_____	_____	_____
Weed 2 Stage:	AGRASS 1-2"T	_____	_____	_____	_____	_____	_____
Stage Scale:	2-3 LF	_____	_____	_____	_____	_____	_____
Density, Unit:		_____	_____	_____	_____	_____	_____
Weed 3 Stage:	RAPRA 2"T	_____	_____	_____	_____	_____	_____
Stage Scale:	4-6 LF	_____	_____	_____	_____	_____	_____
Density, Unit:		_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	32	_____	_____	_____	_____	_____	_____
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:	3.0 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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LAUDIS + ATRAZINE + MSO + DUAL MAGNUM FOR WEED CONTROL IN FIELD CORN Trial ID: CN-10-19 Study Dir.: KEITH RUCKER Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	----- ZEAMA	----- ZEAMA	----- ZEAMA	----- ZEAMA	AMAPA	RAPRA	AGRASS
Crop Code							
Part Rated							
Rating Data Type							
Rating Unit	Leaf	Leaf -	Stunting	Leaf -	Control	Control	Control
Rating Date	Burn	Burn	Percent	Burn	Percent	Percent	Percent
Trt-Eval Interval	Apr-23-19	Apr-25-19	May-2-19	May-2-19	May-2-19	May-2-19	May-2-19
PRM Data Type	1 DA-A	3 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A
# Subsamples, Dec.							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code
1	2	3	4	5	6	7	
1	NTC						
2	LAUDIS	3.45	SC	3.0 oz/a	EPOST A		
	ATRAZINE	4	L	64.0 oz/a	EPOST A		
	MSO			1.0 % v/v	EPOST A		
3	LAUDIS	3.45	SC	3.0 oz/a	EPOST A		
	ATRAZINE	4	L	64.0 oz/a	EPOST A		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST A		
	MSO			1.0 % v/v	EPOST A		
LSD	P=.10	2.90		2.90			
Standard Deviation		1.67		1.67	0.00	0.00	0.00
CV		150.0		42.86	0.0	0.0	0.0
Grand Mean		1.11		3.89	0.00	0.00	66.00
Bartlett's X2		0.00		0.00	0.00	0.00	0.00
P(Bartlett's X2)	

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.
 Could not calculate LSD (% mean diff) for columns 3,4,5,6,7,8,9,10,12 because error mean square = 0.

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LAUDIS + ATRAZINE + MSO + DUAL MAGNUM FOR WEED CONTROL IN FIELD CORN						
Trial ID: CN-10-19		Study Dir.: KEITH RUCKER				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	-----	AMAPA	RAPRA	AGRASS	AMAPA	AGRASS
Crop Code	Zeama	-----	-----	-----	-----	-----
Part Rated						
Rating Data Type	Stunting	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	May-13-19	May-13-19	May-13-19	May-13-19	Jun-11-19	Jun-11-19
Trt-Eval Interval	21 DA-A	21 DA-A	21 DA-A	21 DA-A	50 DA-A	50 DA-A
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment	Form	Form	Rate	Grow	Appl	
No. Name	Conc	Type	Rate	Unit	Stg	Code
1 NTC						
2 LAUDIS	3.45	SC	3.0	oz/a	EPOST A	
ATRAZINE	4	L	64.0	oz/a	EPOST A	
MSO			1.0	% v/v	EPOST A	
3 LAUDIS	3.45	SC	3.0	oz/a	EPOST A	
ATRAZINE	4	L	64.0	oz/a	EPOST A	
DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST A	
MSO			1.0	% v/v	EPOST A	
LSD P=.10						
Standard Deviation	0.00		0.00		0.00	2.32
CV	0.0		0.0		0.0	1.33
Grand Mean	0.00		66.00		66.00	65.11
Bartlett's X2	0.00		0.00		0.00	0.00
P(Bartlett's X2)	.		.		.	5.80

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

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 Could not calculate LSD (% mean diff) for columns 3,4,5,6,7,8,9,10,12 because error mean square = 0.

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LAUDIS + ATRAZINE + MSO + DUAL MAGNUM FOR WEED CONTROL IN FIELD CORN						
Trial ID: CN-10-19		Study Dir.: KEITH RUCKER				
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	BU/A
Rating Date					Aug-30-19	Aug-30-19
Trt-Eval Interval					130 DA-A	130 DA-A
PRM Data Type						TY1
# Subsamples, Dec.						- 0
Trt Treatment	Form	Form	Rate	Grow	Appl	
No. Name	Conc	Type	Rate Unit	Stg	Code	
1 NTC						14 15
2 LAUDIS	3.45	SC	3.0 oz/a	EPOST A		41.7 c 212 c
ATRAZINE	4	L	64.0 oz/a	EPOST A		
MSO			1.0 % v/v	EPOST A		53.0 a 269 a
3 LAUDIS	3.45	SC	3.0 oz/a	EPOST A		
ATRAZINE	4	L	64.0 oz/a	EPOST A		
DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST A		47.0 b 239 b
MSO			1.0 % v/v	EPOST A		
LSD P=.10						4.64 23.6
Standard Deviation						2.67 13.5
CV						5.65 5.65
Grand Mean						47.22 239.7
Bartlett's X2						2.283 2.283
P(Bartlett's X2)						0.319 0.319

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.
 Could not calculate LSD (% mean diff) for columns 3,4,5,6,7,8,9,10,12 because error mean square = 0.

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 Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
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Randomized Complete Block (RCB) AOV For ----- ZEAMA Leaf Burn Apr-23-19 1 DA-A (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	38.888889			
Replicate	2	5.555556	2.777778	1.000	0.4444
Treatment	2	22.222222	11.111111	4.000	0.1111
Error	4	11.111111	2.777778		

Randomized Complete Block (RCB) AOV For ----- ZEAMA Leaf Burn Percent Apr-25-19 3 DA-A (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	188.888889			
Replicate	2	5.555556	2.777778	1.000	0.4444
Treatment	2	172.222222	86.111111	31.000	0.0037
Error	4	11.111111	2.777778		

Randomized Complete Block (RCB) AOV For ----- ZEAMA Stunting Percent May-2-19 10 DA-A (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	0.000000000000			
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000
Treatment	2	0.000000000000	0.000000000000	0.000	1.0000
Error	4	0.000000000000	0.000000000000		

Randomized Complete Block (RCB) AOV For ----- ZEAMA Leaf Burn Percent May-2-19 10 DA-A (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	0.000000000000			
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000
Treatment	2	0.000000000000	0.000000000000	0.000	1.0000
Error	4	0.000000000000	0.000000000000		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-2-19 10 DA-A (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	19602.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	2	19602.000000	9801.000000	0.000	1.0000
Error	4	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-2-19 10 DA-A (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	19602.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	2	19602.000000	9801.000000	0.000	1.0000
Error	4	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-2-19 10 DA-A (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	19602.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	2	19602.000000	9801.000000	0.000	1.0000
Error	4	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For ----- Zeama Stunting Percent May-13-19 21 DA-A (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	0.000000000000			
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000
Treatment	2	0.000000000000	0.000000000000	0.000	1.0000
Error	4	0.000000000000	0.000000000000		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-13-19 21 DA-A (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	19602.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	2	19602.000000	9801.000000	0.000	1.0000
Error	4	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-13-19 21 DA-A (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	8	19602.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	2	19602.000000	9801.000000	0.000	1.0000
Error	4	0.000000	0.000000		

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Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-13-19 21 DA-A (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	8	19098.888889				
Replicate	2	3.555556	1.777778	1.000	0.4444	
Treatment	2	19088.222222	9544.111111	5368.563	0.0001	
Error	4	7.111111	1.777778			

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-11-19 50 DA-A (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	8	19602.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	2	19602.000000	9801.000000	0.000	1.0000	
Error	4	0.000000	0.000000			

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-11-19 50 DA-A (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	8	17505.555556				
Replicate	2	22.222222	11.111111	1.000	0.4444	
Treatment	2	17438.888889	8719.444444	784.750	0.0001	
Error	4	44.444444	11.111111			

Randomized Complete Block (RCB) AOV For ----- ZEAMA PLOT YIELD LBS Aug-30-19 130 DA-A (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	8	227.555556				
Replicate	2	6.222222	3.111111	0.438	0.6732	
Treatment	2	192.888889	96.444444	13.563	0.0165	
Error	4	28.444444	7.111111			

Randomized Complete Block (RCB) AOV For ----- ZEAMA PLOT YIELD BU/A Aug-30-19 130 DA-A TY1 0 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	8	5864.247462				
Replicate	2	160.350517	80.175258	0.438	0.6732	
Treatment	2	4970.866013	2485.433007	13.563	0.0165	
Error	4	733.030933	183.257733			

Weed Code
 AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
 RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.
Part Rated
 Leaf = LEAF / FOLIAGE
PRM Data Type
 TY1 = 5.076477*[14]

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FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
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Weed Code	-----	-----	-----	-----	AMAPA	RAPRA
Crop Code	ZEAMA	ZEAMA	ZEAMA	ZEAMA	-----	-----
Part Rated		Leaf -		Leaf -		
Rating Data Type		Burn	Stunting	Burn	Control	Control
Rating Unit		Percent	Percent	Percent	Percent	Percent
Rating Date	Apr-23-19	Apr-25-19	May-2-19	May-2-19	May-2-19	May-2-19
Trt-Eval Interval	1 DA-A	3 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment	Form	Form	Rate	Grow	Appl	
No. Name	Conc	Type	Rate Unit	Stg	Code Plot	
						1 2 3 4 5 6
1 NTC					101	0.0
					202	0.0
					301	0.0
					Mean =	0.0
2 LAUDIS	3.45	SC	3.0 oz/a	EPOST A	102	0.0
ATRAZINE	4	L	64.0 oz/a	EPOST A	203	0.0
MSO			1.0 % v/v	EPOST A	302	0.0
					Mean =	0.0
3 LAUDIS	3.45	SC	3.0 oz/a	EPOST A	103	5.0
ATRAZINE	4	L	64.0 oz/a	EPOST A	201	5.0
DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST A	303	0.0
MSO			1.0 % v/v	EPOST A		10.0
					Mean =	3.3

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FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	AGRASS	----- Zeama	AMAPA	RAPRA	AGRASS						
Crop Code	-----		-----	-----	-----						
Part Rated											
Rating Data Type	Control	Stunting	Control	Control	Control						
Rating Unit	Percent	Percent	Percent	Percent	Percent						
Rating Date	May-2-19	May-13-19	May-13-19	May-13-19	May-13-19						
Trt-Eval Interval	10 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A						
PRM Data Type											
# Subsamples, Dec.											
Trt Treatment	Form	Form	Rate	Grow	Appl						
No. Name	Conc	Type	Rate Unit	Stg	Code	Plot	7	8	9	10	11
1 NTC						101	0.0	0.0	0.0	0.0	0.0
						202	0.0	0.0	0.0	0.0	0.0
						301	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2 LAUDIS	3.45	SC	3.0 oz/a	EPOST A		102	99.0	0.0	99.0	99.0	95.0
ATRAZINE	4	L	64.0 oz/a	EPOST A		203	99.0	0.0	99.0	99.0	99.0
MSO			1.0 % v/v	EPOST A		302	99.0	0.0	99.0	99.0	95.0
						Mean =	99.0	0.0	99.0	99.0	96.3
3 LAUDIS	3.45	SC	3.0 oz/a	EPOST A		103	99.0	0.0	99.0	99.0	99.0
ATRAZINE	4	L	64.0 oz/a	EPOST A		201	99.0	0.0	99.0	99.0	99.0
DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST A		303	99.0	0.0	99.0	99.0	99.0
MSO			1.0 % v/v	EPOST A							
						Mean =	99.0	0.0	99.0	99.0	99.0

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LAUDIS + ATRAZINE + MSO + DUAL MAGNUM
FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	AMAPA	AGRASS	-----	-----
Crop Code	-----	-----	ZEAMA	ZEAMA
Part Rated			PLOT -	PLOT -
Rating Data Type	Control	Control	YIELD	YIELD
Rating Unit	Percent	Percent	LBS	BU/A
Rating Date	Jun-11-19	Jun-11-19	Aug-30-19	Aug-30-19
Trt-Eval Interval	50 DA-A	50 DA-A	130 DA-A	130 DA-A
PRM Data Type				TY1
# Subsamples, Dec.				- 0
Trt Treatment	Form	Form	Rate	Grow
No. Name	Conc	Type	Rate	Unit
				Stg
				Appl
				Code
				Plot
	12	13	14	15
1 NTC				
	101	0.0	0.0	41.0
	202	0.0	0.0	43.0
	301	0.0	0.0	41.0
	Mean =	0.0	0.0	41.7
2 LAUDIS	3.45	SC	3.0 oz/a	EPOST A
	102			99.0
ATRAZINE	4	L	64.0 oz/a	EPOST A
	203			99.0
MSO			1.0 % v/v	EPOST A
	302			99.0
	Mean =	99.0	91.7	53.0
3 LAUDIS	3.45	SC	3.0 oz/a	EPOST A
	103			99.0
ATRAZINE	4	L	64.0 oz/a	EPOST A
	201			99.0
DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST A
	303			99.0
MSO			1.0 % v/v	EPOST A
	Mean =	99.0	95.0	47.0
				239

University of Georgia

LAUDIS + ATRAZINE + MSO + DUAL MAGNUM
FOR WEED CONTROL IN FIELD CORN
Trial ID: CN-10-19 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.
Part Rated
Leaf = LEAF / FOLIAGE
PRM Data Type
TY1 = 5.076477*[14]