

University of Georgia

COUNTER WITH SHIELDEX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Mix Size	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
1	NO COUNTER NTC					A				-	101	205	304	403
2	NO COUNTER SHIELDEX	3.33	SC	1.0 oz/a	EPOST	A	15 GPA	1.5 L	0.7812 mL/mx	1444.6 mL	102	203	305	401
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
3	NO COUNTER SHIELDEX	3.33	SC	1.35 oz/a	EPOST	A	15 GPA	1.5 L	1.055 mL/mx	1444.3 mL	103	204	301	402
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
4	NO COUNTER EMPYROS	3.82	L	45.0 oz/a	EPOST	A	15 GPA	1.5 L	35.16 mL/mx	1410.2 mL	104	202	302	405
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
5	NO COUNTER EMPYROS	3.82	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx	1420.4 mL	105	201	303	404
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
6	COUNTER NTC	20	GR	6.0 oz wt/1000 row-ft	INFR	A	-	-	4.252 g/1 row/1 plot	-	106	210	309	408
7	COUNTER SHIELDEX	3.33	SC	1.0 oz/a	EPOST	A	15 GPA	1.5 L	0.7812 mL/mx	1444.6 mL	107	209	310	406
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
8	COUNTER SHIELDEX	3.33	SC	1.35 oz/a	EPOST	A	15 GPA	1.5 L	1.055 mL/mx	1444.3 mL	108	207	306	407
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
9	COUNTER EMPYROS	3.82	L	45.0 oz/a	EPOST	A	15 GPA	1.5 L	35.16 mL/mx	1410.2 mL	109	208	307	410
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					
10	COUNTER EMPYROS	3.82	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx	1420.4 mL	110	206	308	409
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	15 GPA	1.5 L	25.0 mL/mx					
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	15 GPA	1.5 L	17.19 mL/mx					
	GROUNDED			0.83 % v/v	EPOST	A	15 GPA	1.5 L	12.45 mL/mx					

Sort Order: Replicate 1

University of Georgia

COUNTER WITH SHIELDEX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Trial Comments

HM1821A = EMPYROS = TOLPYRALATE (0.1 LBS AI/GAL) + S-METOLACHLOR (3.72 LBS AI/GAL) + BENOXACOR

AGRASS = NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING CRABGRASS, TEXAS PANICUM, GOOSEGRASS, SANDBUR, AND CROWFOOTGRASS.

HARVEST DATE: 08/28/23
HARVEST MOISTURE: 13.65%
YIELDS ADJUSTED TO 15.5%

SUMMARY:

- 1) NO INTERACTION BETWEEN COUNTER AND POST TREATMENTS WAS OBSERVED FOR ANY RATING/DATA ($P > 0.12$).
- 2) EXCEPT FOR BLEACHING ON APRIL 19 (7 DAT), COUNTER HAD NO EFFECT ON CORN INJURY. MORE BLEACHING WITH COUNTER ON THAT DATE (20% VS. 17%).
- 3) ALL POST TREATMENTS, ESPECIALLY EMPYROS @ 45 OZ/A + ATRAZINE + ROUNDUP CAUSED SIGNIFICANT CORN INJURY IN THE FORM OF STUNTING, BLEACHING, AND PLANT HEIGHT REDUCTIONS.
- 4) GENERALLY, PALMER AMARANTH AND ANNUAL GRASS CONTROL WITH ALL POST TREATMENTS WAS GOOD TO EXCELLENT (>86% CONTROL). BUT, SHIELDEX @ 1 OZ/A + ATRAZINE + ROUNDUP AND EMPYROS @ 32 OZ/A + ATRAZINE + ROUNDUP TENDED TO PROVIDE LESS ANNUAL GRASS CONTROL THAN HIGHER RATES.
- 5) TOTAL WEED COVER AT HARVEST WAS SIGNIFICANTLY REDUCED BY ALL POST HERBICIDE TREATMENTS.
- 6) COUNTER HAD NO EFFECT ON CORN YIELD ($P = 0.3089$).
- 7) ALL POST TREATMENTS RESULTED IN HIGHER CORN YIELDS THAN THE NTC WITH NO DIFFERENCES IN YIELD BETWEEN THEM.

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COUNTER WITH SHIELDEX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: ZACH TAYLOR **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.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	CYPES	NU	TSEEDGE SP.
5.	LAMAM	HE	NBIT
6.	SPEAR	CO	RN SPURRY

Crop 1: ZEAMA FIELD CORN **Variety:** DEKALB DKC-6895
Planting Date: Mar-23-23 **Planting Method:** MONOSEM
Rate: 33880 S/A **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: 36 IN **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** SPLPLO

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	SOYBEAN		2022

MAINTENANCE

Field Prep./Maintenance: 1 TON/A LIME - PREPLANT
800 LBS/A 5-15-30 - PREPLANT
SIDEDRESS 122-0-0-15 ON APRIL 11 AND MAY 3
AXILO BMZ @ 2 LBS/A ON APRIL 20

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

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SOIL DESCRIPTION

% Sand: 92 % OM: 0.62 Texture: SAND
% Silt: 6 pH: 6.0 Soil Name: FUQUAY
% Clay: 2 CEC: 2.9 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

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

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

APPLICATION DESCRIPTION

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

CROP STAGE AT EACH APPLICATION

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

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Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

WEED STAGE AT EACH APPLICATION	
	A
Weed 1 Code, Stage:	AGRAS,
Stage Scale:	1-2"
Density, Unit:	
Weed 2 Code, Stage:	AMAPA,
Stage Scale:	0.5-1"
Density, Unit:	
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	1-2"
Density, Unit:	
Weed 4 Code, Stage:	CYPES,
Stage Scale:	4-6"
Density, Unit:	
Weed 5 Code, Stage:	LAMAM,
Stage Scale:	0.5"
Density, Unit:	
Weed 6 Code, Stage:	SPEAR,
Stage Scale:	1"
Density, Unit:	

APPLICATION EQUIPMENT	
	A
Appl. Equipment:	BACKPACK
Operating Pressure:	36
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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COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----	-----	-----	Amapa	Agrass	Zeama	Zeama	Zeama	
Crop Code						Zeama	Zeama	Zeama	-----	-----	Zeama	Zeama	Zeama	
Rating Data Type						Stunting	Bleaching	Necrosis	Control	Control	Stunting	Bleaching	Necrosis	
Rating Unit						%	%	%	%	%	%	%	%	
Rating Date						Apr-19-23	Apr-19-23	Apr-19-23	Apr-19-23	Apr-19-23	Apr-26-23	Apr-26-23	Apr-26-23	
Trt-Eval Interval						7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7	8
1	NO COUNTER NTC				A	A	0.0 e	0.0 c	0.0 e	0.0 b	0.0 b	0.0 e	0.0 e	0.0 e
2	NO COUNTER SHIELDX	3.33	SC	1.0 oz/a	EPOST	A	7.5 d	16.3 b	7.5 d	99.0 a	99.0 a	25.0 cd	17.5 bc	10.0 cd
	ATRAZINE	4	L	32.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A								
	GROUNDED			0.83 % v/v	EPOST	A								
3	NO COUNTER SHIELDX	3.33	SC	1.35 oz/a	EPOST	A	7.5 d	21.3 ab	11.3 cd	99.0 a	99.0 a	27.5 c	20.0 ab	11.3 bcd
	ATRAZINE	4	L	32.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A								
	GROUNDED			0.83 % v/v	EPOST	A								
4	NO COUNTER EMPYROS	3.82	L	45.0 oz/a	EPOST	A	18.8 ab	21.3 ab	18.8 ab	99.0 a	99.0 a	37.5 a	17.5 bc	15.0 ab
	ATRAZINE	4	L	32.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A								
	GROUNDED			0.83 % v/v	EPOST	A								
5	NO COUNTER EMPYROS	3.82	L	32.0 oz/a	EPOST	A	15.0 bc	23.8 a	11.3 cd	99.0 a	99.0 a	28.8 bc	16.3 cd	8.8 d
	ATRAZINE	4	L	32.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A								
	GROUNDED			0.83 % v/v	EPOST	A								
6	COUNTER NTC	20	GR	6.0 oz wt/1000 row-ft	INFR	A	0.0 e	0.0 c	0.0 e	0.0 b	0.0 b	0.0 e	0.0 e	0.0 e
7	COUNTER SHIELDX	20	GR	6.0 oz wt/1000 row-ft	INFR	A	11.3 cd	22.5 a	11.3 cd	99.0 a	99.0 a	18.8 d	17.5 bc	8.8 d
	ATRAZINE	3.33	SC	1.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	4	L	32.0 oz/a	EPOST	A								
	GROUNDED	5.88	SL	22.0 oz/a	EPOST	A								
				0.83 % v/v	EPOST	A								
8	COUNTER SHIELDX	20	GR	6.0 oz wt/1000 row-ft	INFR	A	12.5 c	23.8 a	12.5 c	99.0 a	99.0 a	21.3 cd	22.5 a	10.0 cd
	ATRAZINE	3.33	SC	1.35 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	4	L	32.0 oz/a	EPOST	A								
	GROUNDED	5.88	SL	22.0 oz/a	EPOST	A								
				0.83 % v/v	EPOST	A								
9	COUNTER EMPYROS	20	GR	6.0 oz wt/1000 row-ft	INFR	A	21.3 a	26.3 a	22.5 a	99.0 a	99.0 a	36.3 ab	13.8 d	16.3 a
	ATRAZINE	3.82	L	45.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	4	L	32.0 oz/a	EPOST	A								
	GROUNDED	5.88	SL	22.0 oz/a	EPOST	A								
				0.83 % v/v	EPOST	A								
10	COUNTER EMPYROS	20	GR	6.0 oz wt/1000 row-ft	INFR	A	17.5 ab	25.0 a	15.0 bc	99.0 a	99.0 a	28.8 bc	17.5 bc	13.8 abc
	ATRAZINE	3.82	L	32.0 oz/a	EPOST	A								
	ROUNDUP POWERMAX3	4	L	32.0 oz/a	EPOST	A								
	GROUNDED	5.88	SL	22.0 oz/a	EPOST	A								
				0.83 % v/v	EPOST	A								
LSD P=.10							4.21	5.14	4.83	.	.	8.65	3.36	4.73
Standard Deviation							3.49	4.27	4.01	0.00	0.00	7.18	2.79	3.93
CV							31.4	23.73	36.49	0.0	0.0	32.09	19.57	41.91
Grand Mean							11.13	18.00	11.00	79.20	79.20	22.38	14.25	9.38

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=24.25
 Could not calculate LSD (% mean diff) for columns 4,5,9,10,18 because error mean square = 0.
 ^Calculated from residual.

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COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code		Amapa		Agrass		Zeama		Zeama		Zeama		Zeama		ZEAMA	
Crop Code		Control		Control		Ht1		Ht2		Ht3		Ht4		HGT-AVG	
Rating Data Type		%		%		In		In		In		In		IN	
Rating Unit		Apr-26-23		Apr-26-23		May-5-23		May-5-23		May-5-23		May-5-23		May-5-23	
Rating Date		14 DA-A		14 DA-A		23 DA-A		23 DA-A		23 DA-A		23 DA-A		23 DA-A	
Trt-Eval Interval		9		10		11		12		13		14		15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code								
1	NO COUNTER NTC					A	A	0.0 b	0.0 b	18.8 a	21.0 a	21.00 a	20.25 a	18.63 ab	19.9 a
2	NO COUNTER SHIELDX	3.33	SC	1.0	oz/a	EPOST A	A	99.0 a	99.0 a	18.8 a	19.3 ab	18.38 b	17.00 bc	15.25 def	17.7 b
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
3	NO COUNTER SHIELDX	3.33	SC	1.35	oz/a	EPOST A	A	99.0 a	99.0 a	18.3 ab	18.8 bc	17.50 bc	16.50 bc	16.88 a-d	17.6 b
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
4	NO COUNTER EMPYROS	3.82	L	45.0	oz/a	EPOST A	A	99.0 a	99.0 a	16.3 bcd	16.0 def	15.25 d	14.13 d	13.25 f	15.0 d
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
5	NO COUNTER EMPYROS	3.82	L	32.0	oz/a	EPOST A	A	99.0 a	99.0 a	16.3 bcd	17.5 bcd	16.25 cd	15.75 bcd	14.50 ef	16.1 bcd
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
6	COUNTER NTC	20	GR	6.0	oz wt/1000 row-ft	INFR A	A	0.0 b	0.0 b	17.3 abc	16.5 de	15.75 cd	16.75 bc	17.63 abc	16.8 bc
7	COUNTER SHIELDX	20	GR	6.0	oz wt/1000 row-ft	INFR A	A	99.0 a	99.0 a	16.0 bcd	16.8 cde	16.25 cd	17.50 b	17.50 abc	16.8 bc
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
8	COUNTER SHIELDX	20	GR	6.0	oz wt/1000 row-ft	INFR A	A	99.0 a	99.0 a	15.5 cd	16.3 def	17.25 bc	17.25 bc	18.75 a	17.0 bc
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
9	COUNTER EMPYROS	20	GR	6.0	oz wt/1000 row-ft	INFR A	A	99.0 a	99.0 a	14.3 d	14.3 f	14.75 d	15.13 cd	15.75 cde	14.8 d
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
10	COUNTER EMPYROS	20	GR	6.0	oz wt/1000 row-ft	INFR A	A	99.0 a	99.0 a	15.5 cd	14.8 ef	14.75 d	16.00 bcd	16.50 b-e	15.5 cd
	ATRAZINE	4	L	32.0	oz/a	EPOST A									
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a	EPOST A									
	GROUNDED			0.83	% v/v	EPOST A									
LSD P=.10															
Standard Deviation															
CV															
Grand Mean															

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=24.25
 Could not calculate LSD (% mean diff) for columns 4,5,9,10,18 because error mean square = 0.
 ^Calculated from residual.

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Weed Code						Zeama		Amapa		Agrass		TOTAL WEED COVER			
Crop Code						Stunting %		Control %		Control %		-----			
Rating Data Type						May-15-23		May-15-23		May-15-23		Aug-14-23			
Rating Unit						33 DA-A		33 DA-A		33 DA-A		124 DA-A			
Rating Date						33 DA-A		33 DA-A		33 DA-A		124 DA-A			
Trt-Eval Interval						33 DA-A		33 DA-A		33 DA-A		138 DA-A			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	17	18	19	20	21	22	23	24
1	NO COUNTER NTC						A	0.0 b	0.0 -	0.0 b	0.0 c	98.8 a	0.0 b	0.0 c	31.7 c
2	NO COUNTER SHIELDX	3.33	SC	1.0	oz/a		EPOST A	3.8 b	0.0 -	98.0 a	87.5 b	37.5 b	97.5 a	52.5 b	40.8 ab
	ATRAZINE	4	L	32.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a		EPOST A								
	GROUNDED			0.83	% v/v		EPOST A								
3	NO COUNTER SHIELDX	3.33	SC	1.35	oz/a		EPOST A	2.5 b	0.0 -	98.0 a	92.5 ab	28.8 b	97.5 a	67.5 ab	40.0 b
	ATRAZINE	4	L	32.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a		EPOST A								
	GROUNDED			0.83	% v/v		EPOST A								
4	NO COUNTER EMPYROS	3.82	L	45.0	oz/a		EPOST A	10.0 a	0.0 -	99.0 a	94.8 a	25.0 b	97.5 a	72.5 a	39.5 b
	ATRAZINE	4	L	32.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a		EPOST A								
	GROUNDED			0.83	% v/v		EPOST A								
5	NO COUNTER EMPYROS	3.82	L	32.0	oz/a		EPOST A	8.8 a	0.0 -	99.0 a	89.8 ab	31.3 b	97.0 a	66.3 ab	40.0 b
	ATRAZINE	4	L	32.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	5.88	SL	22.0	oz/a		EPOST A								
	GROUNDED			0.83	% v/v		EPOST A								
6	COUNTER NTC	20	GR	6.0	oz wt/1000 row-ft	INFR	A	0.0 b	0.0 -	0.0 b	0.0 c	98.8 a	0.0 b	0.0 c	30.8 c
7	COUNTER SHIELDX	20	GR	6.0	oz wt/1000 row-ft	INFR	A	2.5 b	0.0 -	98.0 a	86.3 b	38.8 b	94.8 a	51.3 b	42.3 ab
	ATRAZINE	3.33	SC	1.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	4	L	32.0	oz/a		EPOST A								
	GROUNDED	5.88	SL	22.0	oz/a		EPOST A								
				0.83	% v/v		EPOST A								
8	COUNTER SHIELDX	20	GR	6.0	oz wt/1000 row-ft	INFR	A	1.3 b	0.0 -	99.0 a	91.3 ab	27.5 b	97.5 a	57.5 ab	42.3 ab
	ATRAZINE	3.33	SC	1.35	oz/a		EPOST A								
	ROUNDUP POWERMAX3	4	L	32.0	oz/a		EPOST A								
	GROUNDED	5.88	SL	22.0	oz/a		EPOST A								
				0.83	% v/v		EPOST A								
9	COUNTER EMPYROS	20	GR	6.0	oz wt/1000 row-ft	INFR	A	10.0 a	0.0 -	99.0 a	89.8 ab	33.8 b	96.0 a	67.5 ab	40.0 b
	ATRAZINE	3.82	L	45.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	4	L	32.0	oz/a		EPOST A								
	GROUNDED	5.88	SL	22.0	oz/a		EPOST A								
				0.83	% v/v		EPOST A								
10	COUNTER EMPYROS	20	GR	6.0	oz wt/1000 row-ft	INFR	A	2.5 b	0.0 -	99.0 a	88.5 ab	28.8 b	97.0 a	61.3 ab	43.3 a
	ATRAZINE	3.82	L	32.0	oz/a		EPOST A								
	ROUNDUP POWERMAX3	4	L	32.0	oz/a		EPOST A								
	GROUNDED	5.88	SL	22.0	oz/a		EPOST A								
				0.83	% v/v		EPOST A								
LSD P=.10								3.84	.	1.16	6.88	17.51	4.57	17.05	2.97
Standard Deviation								3.19	0.00	0.97	5.71	14.54	3.80	14.15	2.46
CV								77.28	0.0	1.22	7.93	32.4	4.9	28.52	6.3
Grand Mean								4.13	0.00	78.90	72.03	44.88	77.48	49.63	39.04

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=24.25
 Could not calculate LSD (% mean diff) for columns 4,5,9,10,18 because error mean square = 0.
 ^Calculated from residual.

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COUNTER WITH SHIELDDEX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----
Crop Code						ZEAMA
Rating Data Type						YIELD
Rating Unit						BU/A
Rating Date						Aug-28-23
Trt-Eval Interval						138 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code
						25
1	NO COUNTER NTC				A	168 c
2	NO COUNTER				A	216 ab
	SHIELDDEX	3.33	SC	1.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
3	NO COUNTER				A	212 b
	SHIELDDEX	3.33	SC	1.35 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
4	NO COUNTER				A	209 b
	EMPYROS	3.82	L	45.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
5	NO COUNTER				A	212 b
	EMPYROS	3.82	L	32.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
6	COUNTER NTC	20	GR	6.0 oz wt/1000 row-ft	INFR A	163 c
7	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR A	224 ab
	SHIELDDEX	3.33	SC	1.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
8	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR A	224 ab
	SHIELDDEX	3.33	SC	1.35 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
9	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR A	212 b
	EMPYROS	3.82	L	45.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
10	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR A	229 a
	EMPYROS	3.82	L	32.0 oz/a	EPOST A	
	ATRAZINE	4	L	32.0 oz/a	EPOST A	
	ROUNDUP POWERMAX3 GROUNDED	5.88	SL	22.0 oz/a 0.83 % v/v	EPOST A	
LSD P=.10						15.7
Standard Deviation						13.0
CV						6.3
Grand Mean						206.9

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=24.25
 Could not calculate LSD (% mean diff) for columns 4,5,9,10,18 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

COUNTER WITH SHIELDEX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Split-Plot AOV For ----- Zeama Stunting % Apr-19-23 7 DA-A (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	2424.375000			
Replicate	3	126.875000	42.291667	3.467	0.0299
Treatment	9	1968.125000	218.680556	17.926	0.0001
Error	27	329.375000	12.199074		

Split-Plot AOV For ----- Zeama Bleaching % Apr-19-23 7 DA-A (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	4090.000000			
Replicate	3	95.000000	31.666667	1.736	0.1833
Treatment	9	3502.500000	389.166667	21.335	0.0001
Error	27	492.500000	18.240741		

Split-Plot AOV For ----- Zeama Necrosis % Apr-19-23 7 DA-A (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	2360.000000			
Replicate	3	65.000000	21.666667	1.345	0.2807
Treatment	9	1860.000000	206.666667	12.828	0.0001
Error	27	435.000000	16.111111		

Split-Plot AOV For Amapa ----- Control % Apr-19-23 7 DA-A (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	62726.400000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	9	62726.400000	6969.600000	0.000	1.0000
Error	27	0.000000	0.000000		

Split-Plot AOV For Agrass ----- Control % Apr-19-23 7 DA-A (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	62726.400000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	9	62726.400000	6969.600000	0.000	1.0000
Error	27	0.000000	0.000000		

Split-Plot AOV For Zeama Stunting % Apr-26-23 14 DA-A (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	8399.375000			
Replicate	3	801.875000	267.291667	5.185	0.0059
Treatment	9	6205.625000	689.513889	13.375	0.0001
Error	27	1391.875000	51.550926		

Split-Plot AOV For Zeama Bleaching % Apr-26-23 14 DA-A (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	2477.500000			
Replicate	3	52.500000	17.500000	2.250	0.1053
Treatment	9	2215.000000	246.111111	31.643	0.0001
Error	27	210.000000	7.777778		

Split-Plot AOV For Zeama Necrosis % Apr-26-23 14 DA-A (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	1559.375000			
Replicate	3	26.875000	8.958333	0.580	0.6331
Treatment	9	1115.625000	123.958333	8.028	0.0001
Error	27	416.875000	15.439815		

Split-Plot AOV For Amapa Control % Apr-26-23 14 DA-A (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	62726.400000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	9	62726.400000	6969.600000	0.000	1.0000
Error	27	0.000000	0.000000		

Split-Plot AOV For Agrass Control % Apr-26-23 14 DA-A (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	62726.400000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	9	62726.400000	6969.600000	0.000	1.0000
Error	27	0.000000	0.000000		

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COUNTER WITH SHIELDEX OR EMPYROS IN FIELD CORN-YEAR 2 Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR Location: PONDER FARM Investigator: Eric P. Prostko					
Split-Plot AOV For Zeama Ht1 In May-5-23 23 DA-A (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	238.775000			
Replicate	3	39.675000	13.225000	3.090	0.0438
Treatment	9	83.525000	9.280556	2.168	0.0581
Error	27	115.575000	4.280556		
Split-Plot AOV For Zeama Ht2 In May-5-23 23 DA-A (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	277.600000			
Replicate	3	34.200000	11.400000	3.486	0.0293
Treatment	9	155.100000	17.233333	5.270	0.0004
Error	27	88.300000	3.270370		
Split-Plot AOV For Zeama Ht3 In May-5-23 23 DA-A (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	237.943750			
Replicate	3	34.118750	11.372917	4.336	0.0128
Treatment	9	133.006250	14.778472	5.634	0.0002
Error	27	70.818750	2.622917		
Split-Plot AOV For Zeama Ht4 In May-5-23 23 DA-A (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	228.875000			
Replicate	3	31.025000	10.341667	2.755	0.0618
Treatment	9	96.500000	10.722222	2.856	0.0167
Error	27	101.350000	3.753704		
Split-Plot AOV For Zeama Ht5 In May-5-23 23 DA-A (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	219.193750			
Replicate	3	14.568750	4.856250	1.457	0.2484
Treatment	9	114.631250	12.736806	3.821	0.0032
Error	27	89.993750	3.333102		
Split-Plot AOV For ZEAMA HGT-AVG IN May-5-23 23 DA-A (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	166.211000			
Replicate	3	24.851000	8.283667	3.813	0.0212
Treatment	9	82.696000	9.188444	4.229	0.0017
Error	27	58.664000	2.172741		
Split-Plot AOV For Zeama Stunting % May-15-23 33 DA-A (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	844.375000			
Replicate	3	6.875000	2.291667	0.226	0.8778
Treatment	9	563.125000	62.569444	6.157	0.0001
Error	27	274.375000	10.162037		
Split-Plot AOV For Zeama Bleaching % May-15-23 33 DA-A (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	0.000000000000			
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000
Treatment	9	0.000000000000	0.000000000000	0.000	1.0000
Error	27	0.000000000000	0.000000000000		
Split-Plot AOV For Amapa Control % May-15-23 33 DA-A (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	62295.600000			
Replicate	3	10.800000	3.600000	3.857	0.0203
Treatment	9	62259.600000	6917.733333	7411.857	0.0001
Error	27	25.200000	0.933333		
Split-Plot AOV For Agrass Control % May-15-23 33 DA-A (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	53424.975000			
Replicate	3	456.475000	152.158333	4.667	0.0094
Treatment	9	52088.225000	5787.580556	177.518	0.0001
Error	27	880.275000	32.602778		

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COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Split-Plot AOV For TOTAL WEED COVER % Aug-14-23 124 DA-A (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	35774.375000			
Replicate	3	371.875000	123.958333	0.586	0.6293
Treatment	9	29693.125000	3299.236111	15.602	0.0001
Error	27	5709.375000	211.458333		

Split-Plot AOV For Amapa Control % Aug-14-23 124 DA-A (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	60485.975000			
Replicate	3	45.475000	15.158333	1.051	0.3860
Treatment	9	60051.225000	6672.358333	462.793	0.0001
Error	27	389.275000	14.417593		

Split-Plot AOV For Agrass Control % Aug-14-23 124 DA-A (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	31819.375000			
Replicate	3	121.875000	40.625000	0.203	0.8936
Treatment	9	26288.125000	2920.902778	14.579	0.0001
Error	27	5409.375000	200.347222		

Split-Plot AOV For ----- ZEAMA YIELD LBS/PLOT Aug-28-23 138 DA-A (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	38	832.708333			
Replicate	3	6.075000	2.025000	0.335	0.8004
Treatment	9	669.291667	74.365741	12.289	0.0001
Error	26	157.341667	6.051603		

Split-Plot AOV For ----- ZEAMA YIELD BU/A Aug-28-23 138 DA-A (Data Column 25)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	38	23384.137045			
Replicate	3	170.598308	56.866103	0.335	0.8004
Treatment	9	18795.065968	2088.340663	12.289	0.0001
Error	26	4418.472770	169.941260		

Rating Unit
% = PERCENT
In = INCH

ARM Action Codes
T1 = ([C11]+[C12]+[C13]+[C14]+[C15])/5
TY2 = 5.29924768*[24]

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COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

					----- Zeama Stunting % Apr-19-23 7 DA-A	----- Zeama Bleaching % Apr-19-23 7 DA-A	----- Zeama Necrosis % Apr-19-23 7 DA-A	Amapa ----- Control % Apr-19-23 7 DA-A	Agrass ----- Control % Apr-19-23 7 DA-A	Zeama Stunting % Apr-26-23 14 DA-A	Zeama Bleaching % Apr-26-23 14 DA-A		
Tri	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	1	2	3	4	5	6	7
1	NO COUNTER				A	101	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NTC				A	205	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						304	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						403	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	NO COUNTER				A	102	10.0	25.0	5.0	99.0	99.0	15.0	15.0
	SHIELDX	3.33	SC	1.0 oz/a	EPOST	A 203	0.0	20.0	10.0	99.0	99.0	20.0	20.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 305	10.0	0.0	10.0	99.0	99.0	40.0	15.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 401	10.0	20.0	5.0	99.0	99.0	25.0	20.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	7.5	16.3	7.5	99.0	99.0	25.0	17.5
3	NO COUNTER				A	103	10.0	25.0	10.0	99.0	99.0	20.0	20.0
	SHIELDX	3.33	SC	1.35 oz/a	EPOST	A 204	0.0	20.0	10.0	99.0	99.0	20.0	20.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 301	10.0	20.0	10.0	99.0	99.0	30.0	20.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 402	10.0	20.0	15.0	99.0	99.0	40.0	20.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	7.5	21.3	11.3	99.0	99.0	27.5	20.0
4	NO COUNTER				A	104	20.0	20.0	20.0	99.0	99.0	35.0	15.0
	EMPYROS	3.82	L	45.0 oz/a	EPOST	A 202	15.0	25.0	15.0	99.0	99.0	30.0	20.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 302	20.0	20.0	20.0	99.0	99.0	35.0	20.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 405	20.0	20.0	20.0	99.0	99.0	50.0	15.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	18.8	21.3	18.8	99.0	99.0	37.5	17.5
5	NO COUNTER				A	105	15.0	20.0	10.0	99.0	99.0	20.0	15.0
	EMPYROS	3.82	L	32.0 oz/a	EPOST	A 201	10.0	25.0	10.0	99.0	99.0	15.0	15.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 303	20.0	25.0	15.0	99.0	99.0	45.0	20.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 404	15.0	25.0	10.0	99.0	99.0	35.0	15.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	15.0	23.8	11.3	99.0	99.0	28.8	16.3
6	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A 106	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NTC				A	210	0.0	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	0.0
						408	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A 107	15.0	20.0	10.0	99.0	99.0	25.0	20.0
	SHIELDX	3.33	SC	1.0 oz/a	EPOST	A 209	15.0	25.0	15.0	99.0	99.0	20.0	20.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 310	0.0	20.0	5.0	99.0	99.0	5.0	15.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 406	15.0	25.0	15.0	99.0	99.0	25.0	15.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	11.3	22.5	11.3	99.0	99.0	18.8	17.5
8	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A 108	15.0	25.0	15.0	99.0	99.0	15.0	20.0
	SHIELDX	3.33	SC	1.35 oz/a	EPOST	A 207	10.0	25.0	10.0	99.0	99.0	10.0	25.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 306	10.0	25.0	10.0	99.0	99.0	30.0	25.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 407	15.0	20.0	15.0	99.0	99.0	30.0	20.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	12.5	23.8	12.5	99.0	99.0	21.3	22.5
9	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A 109	25.0	30.0	20.0	99.0	99.0	35.0	15.0
	EMPYROS	3.82	L	45.0 oz/a	EPOST	A 208	20.0	30.0	25.0	99.0	99.0	30.0	10.0
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 307	20.0	25.0	20.0	99.0	99.0	40.0	20.0
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 410	20.0	20.0	25.0	99.0	99.0	40.0	10.0
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	21.3	26.3	22.5	99.0	99.0	36.3	13.8

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code			-----	-----	-----	Amapa	Agrass	Zeama	Zeama						
Crop Code			Zeama	Zeama	Zeama	-----	-----	Zeama	Zeama						
Rating Data Type			Stunting	Bleaching	Necrosis	Control	Control	Stunting	Bleaching						
Rating Unit			%	%	%	%	%	%	%						
Rating Date			Apr-19-23	Apr-19-23	Apr-19-23	Apr-19-23	Apr-19-23	Apr-26-23	Apr-26-23						
Trt-Eval Interval			7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6	7
10	COUNTER	20 GR		6.0 oz wt/1000 row-ft		INFR	A	110	20.0	30.0	0.0	99.0	99.0	20.0	15.0
	EMPYROS	3.82 L		32.0 oz/a		EPOST	A	206	15.0	25.0	20.0	99.0	99.0	30.0	15.0
	ATRAZINE	4 L		32.0 oz/a		EPOST	A	308	15.0	25.0	20.0	99.0	99.0	30.0	25.0
	ROUNDUP POWERMAX3	5.88 SL		22.0 oz/a		EPOST	A	409	20.0	20.0	20.0	99.0	99.0	35.0	15.0
	GROUNDED			0.83 % v/v		EPOST	A								
								Mean =	17.5	25.0	15.0	99.0	99.0	28.8	17.5

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Zeama	Amapa	Agrass	Zeama	Zeama	Zeama	Zeama			
Crop Code					Necrosis	Control	Control	Ht1	Ht2	Ht3	Ht4			
Rating Data Type					%	%	%	In	In	In	In			
Rating Unit					Apr-26-23	Apr-26-23	Apr-26-23	May-5-23	May-5-23	May-5-23	May-5-23			
Rating Date					14 DA-A	14 DA-A	14 DA-A	23 DA-A	23 DA-A	23 DA-A	23 DA-A			
Trt-Eval Interval					8	9	10	11	12	13	14			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	8	9	10	11	12	13	14
1	NO COUNTER NTC				A		101	0.0	0.0	0.0	17.0	22.0	21.00	22.00
					A		205	0.0	0.0	0.0	19.0	20.0	21.00	18.00
							304	0.0	0.0	0.0	18.0	20.0	20.00	18.00
							403	0.0	0.0	0.0	21.0	22.0	22.00	23.00
							Mean =	0.0	0.0	0.0	18.8	21.0	21.00	20.25
2	NO COUNTER SHIELDX	3.33	SC	1.0 oz/a	EPOST	A	102	5.0	99.0	99.0	22.0	21.0	20.50	18.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	203	15.0	99.0	99.0	15.0	17.0	17.00	14.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	305	15.0	99.0	99.0	17.0	18.0	17.00	16.00
	GROUNDLED			0.83 % v/v	EPOST	A	401	5.0	99.0	99.0	21.0	21.0	19.00	20.00
							Mean =	10.0	99.0	99.0	18.8	19.3	18.38	17.00
3	NO COUNTER SHIELDX	3.33	SC	1.35 oz/a	EPOST	A	103	10.0	99.0	99.0	19.0	18.0	17.00	18.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	204	15.0	99.0	99.0	14.0	18.0	16.00	14.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	301	5.0	99.0	99.0	19.0	20.0	18.00	18.00
	GROUNDLED			0.83 % v/v	EPOST	A	402	15.0	99.0	99.0	21.0	19.0	19.00	16.00
							Mean =	11.3	99.0	99.0	18.3	18.8	17.50	16.50
4	NO COUNTER EMPYROS	3.82	L	45.0 oz/a	EPOST	A	104	10.0	99.0	99.0	17.0	16.0	17.00	16.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	202	10.0	99.0	99.0	16.0	16.0	15.00	12.50
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	302	20.0	99.0	99.0	17.0	16.0	15.00	15.00
	GROUNDLED			0.83 % v/v	EPOST	A	405	20.0	99.0	99.0	15.0	16.0	14.00	13.00
							Mean =	15.0	99.0	99.0	16.3	16.0	15.25	14.13
5	NO COUNTER EMPYROS	3.82	L	32.0 oz/a	EPOST	A	105	10.0	99.0	99.0	18.0	19.0	17.00	16.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	201	5.0	99.0	99.0	15.0	15.0	15.00	16.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	303	10.0	99.0	99.0	17.0	20.0	17.00	15.00
	GROUNDLED			0.83 % v/v	EPOST	A	404	10.0	99.0	99.0	15.0	16.0	16.00	16.00
							Mean =	8.8	99.0	99.0	16.3	17.5	16.25	15.75
6	COUNTER NTC	20	GR	6.0 oz wt/1000 row-ft	INFR	A	106	0.0	0.0	0.0	17.0	17.0	16.00	16.00
					A		210	0.0	0.0	0.0	15.0	15.0	11.00	11.00
							309	0.0	0.0	0.0	20.0	19.0	19.00	21.00
							408	0.0	0.0	0.0	17.0	15.0	17.00	19.00
							Mean =	0.0	0.0	0.0	17.3	16.5	15.75	16.75
7	COUNTER SHIELDX	3.33	SC	1.0 oz/a	EPOST	A	107	10.0	99.0	99.0	14.0	14.0	16.00	16.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	209	15.0	99.0	99.0	14.0	15.0	13.00	18.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	310	5.0	99.0	99.0	19.0	20.0	18.00	18.00
	GROUNDLED			0.83 % v/v	EPOST	A	406	5.0	99.0	99.0	17.0	18.0	18.00	18.00
							Mean =	8.8	99.0	99.0	16.0	16.8	16.25	17.50
8	COUNTER SHIELDX	3.33	SC	1.35 oz/a	EPOST	A	108	5.0	99.0	99.0	13.0	15.0	18.00	17.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	207	10.0	99.0	99.0	15.0	16.0	17.00	17.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	306	10.0	99.0	99.0	18.0	21.0	20.00	19.00
	GROUNDLED			0.83 % v/v	EPOST	A	407	15.0	99.0	99.0	16.0	13.0	14.00	16.00
							Mean =	10.0	99.0	99.0	15.5	16.3	17.25	17.25
9	COUNTER EMPYROS	3.82	L	45.0 oz/a	EPOST	A	109	15.0	99.0	99.0	14.0	15.0	14.00	14.50
	ATRAZINE	4	L	32.0 oz/a	EPOST	A	208	20.0	99.0	99.0	13.0	14.0	14.00	15.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A	307	15.0	99.0	99.0	16.0	15.0	16.00	16.00
	GROUNDLED			0.83 % v/v	EPOST	A	410	15.0	99.0	99.0	14.0	13.0	15.00	15.00
							Mean =	16.3	99.0	99.0	14.3	14.3	14.75	15.13

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COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code													
Crop Code													
Rating Data Type													
Rating Unit													
Rating Date													
Trt-Eval Interval													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	8	9	10	11	12	13	14
10	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A 110	15.0	99.0	99.0	12.0	14.0	14.00	14.00
	EMPYROS	3.82	L	32.0 oz/a	EPOST	A 206	10.0	99.0	99.0	17.0	16.0	13.00	16.00
	ATRAZINE	4	L	32.0 oz/a	EPOST	A 308	15.0	99.0	99.0	19.0	17.0	17.00	17.00
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a	EPOST	A 409	15.0	99.0	99.0	14.0	12.0	15.00	17.00
	GROUNDED			0.83 % v/v	EPOST	A							
						Mean =	13.8	99.0	99.0	15.5	14.8	14.75	16.00

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				Zeama	ZEAMA	Zeama	Zeama	Amapa	Agrass	TOTAL				
Crop Code				Ht5	HGT-AVG	Stunting	Bleaching	Control	Control	WEED				
Rating Data Type				In	IN	%	%	%	%	COVER				
Rating Unit				May-5-23	May-5-23	May-15-23	May-15-23	May-15-23	May-15-23	Aug-14-23				
Rating Date				23 DA-A	23 DA-A	33 DA-A	33 DA-A	33 DA-A	33 DA-A	124 DA-A				
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Rate	Rate Unit	Grow Stg	Appl Code	Plot	15	16	17	18	19	20	21
1	NO COUNTER				A	101		20.50	20.5	0.0	0.0	0.0	0.0	95.0
	NTC				A	205		16.00	18.8	0.0	0.0	0.0	0.0	100.0
						304		17.00	18.6	0.0	0.0	0.0	0.0	100.0
						403		21.00	21.8	0.0	0.0	0.0	0.0	100.0
						Mean =		18.63	19.9	0.0	0.0	0.0	0.0	98.8
2	NO COUNTER				A	102		16.00	19.5	0.0	0.0	99.0	95.0	30.0
	SHIELDX	3.33 SC	1.0 oz/a		EPOST A	203		13.00	15.2	10.0	0.0	99.0	85.0	50.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	305		13.00	16.2	5.0	0.0	99.0	80.0	40.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	401		19.00	20.0	0.0	0.0	95.0	90.0	30.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		15.25	17.7	3.8	0.0	98.0	87.5	37.5	
3	NO COUNTER				A	103		16.00	17.6	0.0	0.0	99.0	95.0	25.0
	SHIELDX	3.33 SC	1.35 oz/a		EPOST A	204		18.50	16.1	0.0	0.0	99.0	85.0	50.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	301		17.00	18.4	5.0	0.0	99.0	95.0	10.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	402		16.00	18.2	5.0	0.0	95.0	95.0	30.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		16.88	17.6	2.5	0.0	98.0	92.5	28.8	
4	NO COUNTER				A	104		13.00	15.8	10.0	0.0	99.0	99.0	25.0
	EMPYROS	3.82 L	45.0 oz/a		EPOST A	202		13.00	14.5	10.0	0.0	99.0	90.0	30.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	302		13.00	15.2	10.0	0.0	99.0	95.0	20.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	405		14.00	14.4	10.0	0.0	99.0	95.0	25.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		13.25	15.0	10.0	0.0	99.0	94.8	25.0	
5	NO COUNTER				A	105		13.00	16.6	10.0	0.0	99.0	99.0	15.0
	EMPYROS	3.82 L	32.0 oz/a		EPOST A	201		15.00	15.2	10.0	0.0	99.0	95.0	10.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	303		14.00	16.6	10.0	0.0	99.0	75.0	50.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	404		16.00	15.8	5.0	0.0	99.0	90.0	50.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		14.50	16.1	8.8	0.0	99.0	89.8	31.3	
6	COUNTER	20 GR	6.0 oz wt/1000 row-ft		INFR A	106		16.50	16.5	0.0	0.0	0.0	0.0	95.0
	NTC				A	210		14.00	13.2	0.0	0.0	0.0	0.0	100.0
						309		21.00	20.0	0.0	0.0	0.0	0.0	100.0
						408		19.00	17.4	0.0	0.0	0.0	0.0	100.0
						Mean =		17.63	16.8	0.0	0.0	0.0	0.0	98.8
7	COUNTER	20 GR	6.0 oz wt/1000 row-ft		INFR A	107		18.00	15.6	5.0	0.0	99.0	85.0	50.0
	SHIELDX	3.33 SC	1.0 oz/a		EPOST A	209		16.00	15.2	5.0	0.0	99.0	90.0	50.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	310		18.00	18.6	0.0	0.0	99.0	80.0	40.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	406		18.00	17.8	0.0	0.0	95.0	90.0	15.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		17.50	16.8	2.5	0.0	98.0	86.3	38.8	
8	COUNTER	20 GR	6.0 oz wt/1000 row-ft		INFR A	108		18.00	16.2	5.0	0.0	99.0	95.0	30.0
	SHIELDX	3.33 SC	1.35 oz/a		EPOST A	207		18.00	16.6	0.0	0.0	99.0	80.0	40.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	306		21.00	19.8	0.0	0.0	99.0	95.0	10.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	407		18.00	15.4	0.0	0.0	99.0	95.0	30.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		18.75	17.0	1.3	0.0	99.0	91.3	27.5	
9	COUNTER	20 GR	6.0 oz wt/1000 row-ft		INFR A	109		15.00	14.5	5.0	0.0	99.0	95.0	25.0
	EMPYROS	3.82 L	45.0 oz/a		EPOST A	208		16.00	14.4	10.0	0.0	99.0	80.0	60.0
	ATRAZINE	4 L	32.0 oz/a		EPOST A	307		17.00	16.0	10.0	0.0	99.0	85.0	30.0
	ROUNDUP POWERMAX3	5.88 SL	22.0 oz/a		EPOST A	410		15.00	14.4	15.0	0.0	99.0	99.0	20.0
	GROUNDED		0.83 % v/v		EPOST A									
					Mean =		15.75	14.8	10.0	0.0	99.0	89.8	33.8	

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Zeama	ZEAMA	Zeama	Zeama	Amapa	Agrass	TOTAL		
Crop Code						Ht5	HGT-AVG	Stunting	Bleaching	Control	Control	WEED		
Rating Data Type						In	IN	%	%	%	%	COVER		
Rating Unit						May-5-23	May-5-23	May-15-23	May-15-23	May-15-23	May-15-23	Aug-14-23		
Rating Date						23 DA-A	23 DA-A	33 DA-A	33 DA-A	33 DA-A	33 DA-A	124 DA-A		
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Plot							
10	COUNTER	20 GR		6.0 oz wt/1000 row-ft	INFR	A	110	14.00	13.6	10.0	0.0	99.0	99.0	20.0
	EMPYROS	3.82 L		32.0 oz/a	EPOST	A	206	18.00	16.0	0.0	0.0	99.0	90.0	5.0
	ATRAZINE	4 L		32.0 oz/a	EPOST	A	308	18.00	17.6	0.0	0.0	99.0	75.0	50.0
	ROUNDUP POWERMAX3	5.88 SL		22.0 oz/a	EPOST	A	409	16.00	14.8	0.0	0.0	99.0	90.0	40.0
	GROUNDED			0.83 % v/v	EPOST	A								
						Mean =		16.50	15.5	2.5	0.0	99.0	88.5	28.8

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2

Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Amapa	Agrass	-----	-----		
Crop Code						Control	Control	ZEAMA	ZEAMA		
Rating Data Type						%	%	YIELD	YIELD		
Rating Unit						%	%	LBS/PLOT	BU/A		
Rating Date						Aug-14-23	Aug-14-23	Aug-28-23	Aug-28-23		
Trt-Eval Interval						124 DA-A	124 DA-A	138 DA-A	138 DA-A		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	22	23	24	25
1	NO COUNTER					A	101	0.0	0.0	28.0	148
	NTC					A	205	0.0	0.0	33.0	175
							304	0.0	0.0	.	.
							403	0.0	0.0	34.0	180
							Mean =	0.0	0.0	31.7	168
2	NO COUNTER					A	102	100.0	50.0	38.0	201
	SHIELDX	3.33	SC	1.0 oz/a		EPOST A	203	95.0	50.0	39.0	207
	ATRAZINE	4	L	32.0 oz/a		EPOST A	305	95.0	60.0	41.0	217
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	401	100.0	50.0	45.0	238
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	97.5	52.5	40.8	216	
3	NO COUNTER					A	103	100.0	65.0	39.0	207
	SHIELDX	3.33	SC	1.35 oz/a		EPOST A	204	90.0	55.0	41.0	217
	ATRAZINE	4	L	32.0 oz/a		EPOST A	301	100.0	95.0	40.0	212
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	402	100.0	55.0	40.0	212
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	97.5	67.5	40.0	212	
4	NO COUNTER					A	104	95.0	85.0	43.0	228
	EMPYROS	3.82	L	45.0 oz/a		EPOST A	202	100.0	60.0	36.0	191
	ATRAZINE	4	L	32.0 oz/a		EPOST A	302	100.0	60.0	39.0	207
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	405	95.0	85.0	40.0	212
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	97.5	72.5	39.5	209	
5	NO COUNTER					A	105	95.0	85.0	41.0	217
	EMPYROS	3.82	L	32.0 oz/a		EPOST A	201	99.0	80.0	41.0	217
	ATRAZINE	4	L	32.0 oz/a		EPOST A	303	99.0	50.0	38.0	201
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	404	95.0	50.0	40.0	212
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	97.0	66.3	40.0	212	
6	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A	106	0.0	0.0	34.0	180
	NTC					A	210	0.0	0.0	31.0	164
							309	0.0	0.0	32.0	170
							408	0.0	0.0	26.0	138
							Mean =	0.0	0.0	30.8	163
7	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A	107	100.0	40.0	40.0	212
	SHIELDX	3.33	SC	1.0 oz/a		EPOST A	209	99.0	50.0	42.0	223
	ATRAZINE	4	L	32.0 oz/a		EPOST A	310	95.0	65.0	45.0	238
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	406	85.0	50.0	42.0	223
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	94.8	51.3	42.3	224	
8	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A	108	90.0	60.0	41.0	217
	SHIELDX	3.33	SC	1.35 oz/a		EPOST A	207	100.0	45.0	41.0	217
	ATRAZINE	4	L	32.0 oz/a		EPOST A	306	100.0	65.0	45.0	238
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	407	100.0	60.0	42.0	223
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	97.5	57.5	42.3	224	
9	COUNTER	20	GR	6.0 oz wt/1000 row-ft	INFR	A	109	95.0	75.0	42.0	223
	EMPYROS	3.82	L	45.0 oz/a		EPOST A	208	99.0	50.0	37.0	196
	ATRAZINE	4	L	32.0 oz/a		EPOST A	307	100.0	60.0	41.0	217
	ROUNDUP POWERMAX3	5.88	SL	22.0 oz/a		EPOST A	410	90.0	85.0	40.0	212
	GROUNDED			0.83 % v/v		EPOST A					
						Mean =	96.0	67.5	40.0	212	

University of Georgia

COUNTER WITH SHIELDX OR EMPYROS
IN FIELD CORN-YEAR 2
Trial ID: CN-03-23 Study Dir.: ZACH TAYLOR
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit
% = PERCENT
In = INCH
ARM Action Codes
T1 = $([C11]+[C12]+[C13]+[C14]+[C15])/5$
TY2 = $5.29924768*[24]$