

University of Georgia

CONVINTRO FOR WEED CONTROL IN FIELD CORN													
Trial ID: CN-02-25		Study Dir.: C.CORKERN											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Reps: 4		Plots: 6 by 25 feet											
Appl. Amount: 15 GAL/AC		Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC						A		-	101	206	312	410
2	CONVINTRO (SC500)	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1498.1 mL	102	203	307	403
3	CONVINTRO AATREX	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1473.1 mL	103	205	301	412
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					
4	CONVINTRO WARRANT	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1460.6 mL	104	212	311	405
		3 ME		48.0 oz/a	PRE	A		37.5 mL/mx					
5	CONVINTRO WARRANT AATREX	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1435.6 mL	105	202	303	401
		3 ME		48.0 oz/a	PRE	A		37.5 mL/mx					
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					
6	CONVINTRO HARNESS MAXX	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1451.3 mL	106	208	306	404
		3.85	SC	60.0 oz/a	PRE	A		46.87 mL/mx					
7	CONVINTRO BALANCE FLEXX	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1497.3 mL	107	210	302	409
		2 SC		1.0 oz/a	PRE	A		0.7812 mL/mx					
8	CONVINTRO BALANCE FLEXX AATREX	4.17	SC	2.4 oz/a	PRE	A		1.875 mL/mx	1472.3 mL	108	211	309	402
		2 SC		1.0 oz/a	PRE	A		0.7812 mL/mx					
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					
9	BALANCE FLEXX AATREX	2	SC	1.0 oz/a	PRE	A		0.7812 mL/mx	1474.2 mL	109	201	308	411
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					
10	BICEP II MAGNUM	5.5	SC	42.0 oz/a	PRE	A		32.81 mL/mx	1467.2 mL	110	209	310	407
11	CONVINTRO AATREX	4.17	SC	3.6 oz/a	PRE	A		2.812 mL/mx	1472.2 mL	111	204	305	408
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					
12	CONVINTRO AATREX	4.17	SC	4.8 oz/a	PRE	A		3.75 mL/mx	1471.3 mL	112	207	304	406
		4 L		32.0 oz/a	PRE	A		25.0 mL/mx					

Sort Order: Treatment

Trial Comments

EMERGENCE DATE: 04/08/25**HARNESS MAX** = ACETOCHLOR (3.52 LBS/GAL) + MESOTRIONE (0.33 LBS/GAL)**BICEP II MAGNUM** = ATRAZINE (3.1 LBS/GAL) + S-MOC (2.4 LBS/GAL)**BALANCE FLEXX** = ISOXAFLUTOLE + CYPROSULFAMIDE (SAFENER)**MAY 15:** LAY-BY WITH ROUNDUP POWERMAX3 @ 32 OZ/A + LIBERTY ULTRA @ 32 OZ/A + AATREX @ 32 OZ/A: ALL PLOTS EXCEPT NTC.**AGRASS:** A NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, GOOSEGRASS, CROWFOOTGRASS, AND SANDBUR.**LOWER LEFT CORNER GPS:**

31 30' 32" N; 83 39' 32" W

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

HARVEST DATE: 08/27/25**HARVEST MOISTURE:** 15.25%**YIELDS ADJUSTED TO** 15.5%**SUMMARY:**

1) AT 14 DAT, CORN STANDS WERE LOWER IN CONVINTRO + HARNESS MAX TREATED PLOTS. HOWEVER, NO STAND DIFFERENCES WERE DETECTED AT 26 DAT FROM ANY TREATMENT.

2) CONVINTRO CAUSED EARLY SEASON INJURY IN THE FORM OF BLEACHING. BLEACHING SYMPTOMS REDUCED OVER TIME AND WERE NOT EVIDENT AT 39 DAT.

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3) CONVINTRO ALONE WAS NOT EFFECTIVE ON WILD RADISH (< 60% CONTROL). CONTROL WAS IMPROVED WITH TANK-MIXES.

4) CONVINTRO PROVIDED EXCELLENT CONTROL (>95%) OF PALMER AMARANTH AND CARPETWEED.

5) CONVINTRO PROVIDED AT LEAST 82% CONTROL OF ANNUAL GRASSES.

6 ALL TREATED PLOTS HAD HIGHER CORN YIELDS THAN THE NTC. CORN YIELDS WERE NOT DIFFERENT BETWEEN TREATMENTS EXCEPT FOR THE FOLLOWING:

A) CONVINTRO @ 2.4 OZ/A + WARRANT @ 48 OZ/A AND BICEP II MAGNUM @ 42 OZ/A TREATED PLOTS HAD LOWER YIELDS THAN CONVINTRO @ 2.4 OZ/A + WARRANT @ 48 OZ/A + AATREX @ 32 OZ/A

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Study Dir.: C.CORKERN

Location: PONDER FARM

Investigator: Eric P. Prostko

Study Director: J. SMITH/S.TAYLOR

Title:

Affiliation:

Postal Code:

Investigator: Eric P. Prostko

Title:

Affiliation:

Postal Code:

TRIAL LOCATION

City:

State/Prov.:

Postal Code:

Country:

E-Longitude of LL Corner °:

Altitude of LL Corner:

Directions:

Trial Status:

Trial Reliability:

Initiation Date:

Planned Completion Date:

N-Latitude of LL Corner °:

Angle y-axis to North °:

COOPERATOR/LANDOWNER

Cooperator:

Org:

Address 1:

Address 2:

City:

State/Prov:

Postal Code:

Country:

Phone No:

Fax No:

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	TSEDGE SP.
5.	LAMAM	HE	NBIT
6.	SPEAR	CO	RN SPURRY

Crop 1: ZEAMA

FIELD CORN

Variety: DEKALB DKC6895

Planting Date: Apr-3-25

Planting Method: MONOSEM

Rate: 31114

S/A

Depth: 2

IN

Perennial Age:

Row Spacing: 36 IN

Spacing Within Row:

Seed Bed:

Soil Temperature:

Soil Moisture: OPTIMUM

Emergence Date:

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT

Reps: 4

Site Type:

Tillage Type: CONVENTIONAL

Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A 15-15-30 PREPLANT

50-0-0-0: APRIL 22

83-0-0-10: JUNE 30; MAY 6; MAY 14

AXILO BMZ @ 2 LBS/A: APRIL 17 (MICRONUTRIENTS)

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

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

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-4-25		0.35	IN	SPRINKLER - LATERAL MOVE		
2.	Apr-7-25		4.9	IN	RAINFALL		
3.	Apr-11-25		0.1	IN	RAINFALL		
4.	Apr-15-25		0.2	IN	SPRINKLER - LATERAL MOVE		
5.	Apr-17-25		0.3	IN	SPRINKLER - LATERAL MOVE		
6.	Apr-27-25		0.8	IN	RAINFALL		
7.	May-1-25		0.5	IN	SPRINKLER - LATERAL MOVE		
8.	May-3-25		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	May-6-25		0.5	IN	SPRINKLER - LATERAL MOVE		
10.	May-9-25		0.47	IN	RAINFALL		
11.	May-10-25		0.11	IN	RAINFALL		
12.	May-11-25		0.42	IN	RAINFALL		
13.	May-16-25		0.5	IN	SPRINKLER - LATERAL MOVE		
14.	May-18-25		0.15	IN	SPRINKLER - LATERAL MOVE		
15.	May-19-25		0.4	IN	SPRINKLER - LATERAL MOVE		
16.	May-21-25		0.5	IN	SPRINKLER - LATERAL MOVE		
17.	May-21-25		0.3	IN	RAINFALL		
18.	May-23-25		0.5	IN	SPRINKLER - LATERAL MOVE		
19.	May-26-25		0.5	IN	SPRINKLER - LATERAL MOVE		
20.	May-27-25		0.1	IN	RAINFALL		
21.	May-28-25		0.09	IN	RAINFALL		
22.	May-28-25		0.5	IN	SPRINKLER - LATERAL MOVE		
23.	May-29-25		0.42	IN	RAINFALL		

Overall Moisture Conditions:

Closest Weather Station:

Distance:

Unit:

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APPLICATION DESCRIPTION

	A
Application Date:	Apr-4-25
Time of Day:	7:00 AM
Application Method:	BROADCAST
Application Timing:	PRE
Applic. Placement:	SOIL
Air Temp., Unit:	66 F
% Relative Humidity:	99
Wind Velocity, Unit:	1 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	70 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	10

CROP STAGE AT EACH APPLICATION

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

WEED STAGE AT EACH APPLICATION

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

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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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Weed Code					-----	-----	-----	-----	Rapra	Agrass	-----	
Crop Code					Zeama	Zeama	Zeama	Zeama	-----	-----	Zeama	
Rating Data Type					Bleaching	Stand	Stunting	Bleaching	Control	Control	Stunting	
Rating Unit					%	#/25 ft	%	%	%	%	%	
Rating Date					Apr-11-25	Apr-11-25	Apr-18-25	Apr-18-25	Apr-18-25	Apr-18-25	Apr-26-25	
Trt-Eval Interval					7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	22 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	1	2	3	4	5	6	7
1	NTC					6.3 d	56.3 abc	0.0 na	0.0 d	0.0 f	0.0 c	0.0 -
2	CONVINTRO (SC500)	4.17 SC		2.4 oz/a PRE		18.8 b	55.5 bc	0.0 na	12.5 ab	57.5 e	98.0 ab	5.0 -
3	CONVINTRO AATREX	4.17 SC 4 L		2.4 oz/a PRE 32.0 oz/a PRE		17.5 bc	55.3 bc	0.0 na	13.8 a	99.0 a	99.0 a	1.3 -
4	CONVINTRO WARRANT	4.17 SC 3 ME		2.4 oz/a PRE 48.0 oz/a PRE		18.8 b	55.5 bc	0.0 na	12.5 ab	70.0 d	99.0 a	2.5 -
5	CONVINTRO WARRANT AATREX	4.17 SC 3 ME 4 L		2.4 oz/a PRE 48.0 oz/a PRE 32.0 oz/a PRE		17.5 bc	56.5 ab	0.0 na	10.0 b	97.0 ab	99.0 a	3.8 -
6	CONVINTRO HARNESS MAXX	4.17 SC 3.85 SC		2.4 oz/a PRE 60.0 oz/a PRE		18.8 b	53.5 d	0.0 na	12.5 ab	99.0 a	99.0 a	6.3 -
7	CONVINTRO BALANCE FLEXX	4.17 SC 2 SC		2.4 oz/a PRE 1.0 oz/a PRE		18.8 b	57.3 a	0.0 na	10.0 b	87.0 bc	98.0 ab	2.5 -
8	CONVINTRO BALANCE FLEXX AATREX	4.17 SC 2 SC 4 L		2.4 oz/a PRE 1.0 oz/a PRE 32.0 oz/a PRE		15.0 c	54.8 cd	0.0 na	10.0 b	99.0 a	99.0 a	1.3 -
9	BALANCE FLEXX AATREX	2 SC 4 L		1.0 oz/a PRE 32.0 oz/a PRE		5.0 d	55.3 bc	0.0 na	3.8 c	95.5 ab	99.0 a	1.3 -
10	BICEP II MAGNUM	5.5 SC		42.0 oz/a PRE		5.0 d	56.5 ab	0.0 na	5.0 c	95.8 ab	99.0 a	3.8 -
11	CONVINTRO AATREX	4.17 SC 4 L		3.6 oz/a PRE 32.0 oz/a PRE		20.0 ab	55.3 bc	0.0 na	11.3 ab	99.0 a	95.5 b	0.0 -
12	CONVINTRO AATREX	4.17 SC 4 L		4.8 oz/a PRE 32.0 oz/a PRE		22.5 a	55.8 abc	0.0 na	11.3 ab	79.8 cd	97.0 ab	2.5 -
LSD P=.10						3.61	1.60	.	2.80	11.98	2.64	3.76
Standard Deviation						3.02	1.34	0.00	2.34	10.01	2.20	3.14
CV						19.71	2.41	0.0	25.0	12.28	2.44	125.53
Grand Mean						15.31	55.60	0.00	9.38	81.54	90.13	2.50
Replicate F						0.667	7.684	NaN	1.138	0.572	1.850	0.423
Replicate Prob(F)						0.5782	0.0005	NaN	0.3481	0.6372	0.1574	0.7377
Treatment F						16.986	2.096	NaN	12.931	33.554	665.208	1.500
Treatment Prob(F)						0.0001	0.0497	NaN	0.0001	0.0001	0.0001	0.1784

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=26.27

Could not calculate LSD (% mean diff) or mean separation letters for columns 3,12,19,21 because error variance is 0.

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

^Calculated from residual.

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Trial ID: CN-02-25		Study Dir.: C.CORKERN										
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Weed Code Crop Code Rating Data Type Rating Unit Rating Date					----- Zeama Bleaching % Apr-26-25	----- Amapa Control % Apr-26-25	----- Rapra Control % Apr-26-25	----- Agrass Control % Apr-26-25	----- Molve Control % Apr-26-25	ZEAMA STAND #/5 FT Apr-30-25	ZEAMA Stunting % May-2-25	
Trt-Eval Interval					22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	26 DA-A	28 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	8	9	10	11	12	13	14
1	NTC					0.0 d	0.0 c	0.0 d	0.0 c	0.0 na	8.8 -	0.0 -
2	CONVINTRO (SC500)	4.17	SC	2.4 oz/a	PRE	5.0 a	99.0 a	35.0 c	93.3 ab	99.0 na	11.3 -	7.5 -
3	CONVINTRO AATREX	4.17 4 L	SC 4 L	2.4 oz/a 32.0 oz/a	PRE PRE	2.5 bc	99.0 a	92.0 ab	95.5 ab	99.0 na	11.8 -	3.8 -
4	CONVINTRO WARRANT	4.17 3 ME	SC 3 ME	2.4 oz/a 48.0 oz/a	PRE PRE	3.8 ab	99.0 a	38.8 c	91.0 ab	99.0 na	11.0 -	5.0 -
5	CONVINTRO WARRANT AATREX	4.17 3 ME 4 L	SC 3 ME 4 L	2.4 oz/a 48.0 oz/a 32.0 oz/a	PRE PRE PRE	5.0 a	99.0 a	95.5 a	96.8 a	99.0 na	11.5 -	5.0 -
6	CONVINTRO HARNESS MAXX	4.17 3.85	SC SC	2.4 oz/a 60.0 oz/a	PRE PRE	2.5 bc	99.0 a	98.0 a	98.0 a	99.0 na	11.5 -	8.8 -
7	CONVINTRO BALANCE FLEXX	4.17 2	SC SC	2.4 oz/a 1.0 oz/a	PRE PRE	5.0 a	98.0 b	76.3 b	83.5 b	99.0 na	11.3 -	2.5 -
8	CONVINTRO BALANCE FLEXX AATREX	4.17 2 4 L	SC SC 4 L	2.4 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE	5.0 a	99.0 a	98.0 a	93.5 ab	99.0 na	11.3 -	2.5 -
9	BALANCE FLEXX AATREX	2 4 L	SC 4 L	1.0 oz/a 32.0 oz/a	PRE PRE	1.3 cd	99.0 a	96.8 a	83.3 b	99.0 na	11.0 -	1.3 -
10	BICEP II MAGNUM	5.5	SC	42.0 oz/a	PRE	1.3 cd	99.0 a	87.5 ab	91.0 ab	99.0 na	10.8 -	5.0 -
11	CONVINTRO AATREX	4.17 4 L	SC 4 L	3.6 oz/a 32.0 oz/a	PRE PRE	3.8 ab	99.0 a	97.0 a	88.5 ab	99.0 na	11.8 -	2.5 -
12	CONVINTRO AATREX	4.17 4 L	SC 4 L	4.8 oz/a 32.0 oz/a	PRE PRE	5.0 a	99.0 a	76.3 b	89.5 ab	99.0 na	8.3 -	6.3 -
LSD P=.10						2.21	0.69	16.10	12.45	.	2.48	5.01
Standard Deviation						1.85	0.58	13.45	10.40	0.00	2.07	4.19
CV						55.39	0.64	18.12	12.43	0.0	19.1	100.54
Grand Mean						3.33	90.67	74.25	83.65	90.75	10.83	4.17
Replicate F						1.222	1.000	2.218	0.325	NaN	0.675	1.820
Replicate Prob(F)						0.3171	0.4051	0.1045	0.8070	NaN	0.5738	0.1627
Treatment F						3.778	9784.000	22.942	26.458	NaN	1.203	1.511
Treatment Prob(F)						0.0015	0.0001	0.0001	0.0001	NaN	0.3233	0.1744

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Weed Code					ZEAMA	Amapa	Rapra	Agrass	Molve	-----	-----	
Crop Code					Bleaching	Control	Control	Control	Control	Zeama	Zeama	
Rating Data Type					%	%	%	%	%	Stunting	Bleaching	
Rating Unit					May-2-25	May-2-25	May-2-25	May-2-25	May-2-25	May-13-25	May-13-25	
Rating Date												
Trt-Eval Interval					28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	39 DA-A	39 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	15	16	17	18	19	20	21
1	NTC					0.0 c	0.0 b	0.0 d	0.0 d	0.0 na	0.0 e	0.0 na
2	CONVINTRO (SC500)	4.17 SC		2.4 oz/a	PRE	7.5 a	98.0 a	0.0 d	90.0 ab	99.0 na	11.3 abc	0.0 na
3	CONVINTRO AATREX	4.17 SC 4 L		2.4 oz/a 32.0 oz/a	PRE PRE	5.0 b	99.0 a	92.3 a	95.5 a	99.0 na	8.8 a-d	0.0 na
4	CONVINTRO WARRANT	4.17 SC 3 ME		2.4 oz/a 48.0 oz/a	PRE PRE	3.8 b	97.0 a	25.0 c	89.5 ab	99.0 na	12.5 ab	0.0 na
5	CONVINTRO WARRANT AATREX	4.17 SC 3 ME 4 L		2.4 oz/a 48.0 oz/a 32.0 oz/a	PRE PRE PRE	5.0 b	99.0 a	94.5 a	96.0 a	99.0 na	10.0 a-d	0.0 na
6	CONVINTRO HARNESS MAXX	4.17 SC 3.85 SC		2.4 oz/a 60.0 oz/a	PRE PRE	5.0 b	99.0 a	96.0 a	94.5 a	99.0 na	16.3 a	0.0 na
7	CONVINTRO BALANCE FLEXX	4.17 SC 2 SC		2.4 oz/a 1.0 oz/a	PRE PRE	5.0 b	99.0 a	50.0 b	86.0 abc	99.0 na	5.0 b-e	0.0 na
8	CONVINTRO BALANCE FLEXX AATREX	4.17 SC 2 SC 4 L		2.4 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE	3.8 b	99.0 a	94.5 a	96.8 a	99.0 na	3.8 cde	0.0 na
9	BALANCE FLEXX AATREX	2 SC 4 L		1.0 oz/a 32.0 oz/a	PRE PRE	0.0 c	96.8 a	93.5 a	73.8 c	99.0 na	2.5 de	0.0 na
10	BICEP II MAGNUM	5.5 SC		42.0 oz/a	PRE	0.0 c	96.8 a	92.0 a	81.3 bc	99.0 na	12.5 ab	0.0 na
11	CONVINTRO AATREX	4.17 SC 4 L		3.6 oz/a 32.0 oz/a	PRE PRE	5.0 b	99.0 a	94.5 a	79.8 bc	99.0 na	5.0 b-e	0.0 na
12	CONVINTRO AATREX	4.17 SC 4 L		4.8 oz/a 32.0 oz/a	PRE PRE	7.5 a	99.0 a	58.8 b	81.3 bc	99.0 na	7.5 b-e	0.0 na
LSD P=.10						1.88	2.51	22.89	12.91	.	7.94	.
Standard Deviation						1.57	2.09	19.13	10.79	0.00	6.64	0.00
CV						39.64	2.32	29.02	13.43	0.0	83.85	0.0
Grand Mean						3.96	90.13	65.92	80.35	90.75	7.92	0.00
Replicate F						0.846	0.361	0.058	0.082	NaN	9.613	NaN
Replicate Prob(F)						0.4786	0.7816	0.9813	0.9695	NaN	0.0001	NaN
Treatment F						11.462	735.415	16.061	23.905	NaN	2.097	NaN
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	NaN	0.0495	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=26.27

Could not calculate LSD (% mean diff) or mean separation letters for columns 3,12,19,21 because error variance is 0.

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

^Calculated from residual.

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CONVINTRO FOR WEED CONTROL IN FIELD CORN									
Trial ID: CN-02-25		Study Dir.: C.CORKERN							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code				Amapa	Rapra	Agrass	Molve	-----	-----
Crop Code				-----	-----	-----	-----	ZEAMA	ZEAMA
Rating Data Type				Control	Control	Control	Control	YIELD	YIELD
Rating Unit				%	%	%	%	LBS/PLOT	BU/A
Rating Date				May-13-25	May-13-25	May-13-25	May-13-25	Aug-27-25	Aug-27-25
Trt-Eval Interval				39 DA-A	39 DA-A	39 DA-A	39 DA-A	145 DA-A	145 DA-A
Trt Treatment	Form	Form	Rate	Grow					
No. Name	Conc	Type	Rate	Unit	Stg				
1	NTC					0.0 d	0.0 f	0.0 c	0.0 c
2	CONVINTRO (SC500)	4.17 SC	2.4 oz/a	PRE		98.0 ab	57.5 e	82.5 ab	99.0 a
3	CONVINTRO AATREX	4.17 SC 4 L	2.4 oz/a 32.0 oz/a	PRE PRE		98.0 ab	90.0 a	92.5 a	99.0 a
4	CONVINTRO WARRANT	4.17 SC 3 ME	2.4 oz/a 48.0 oz/a	PRE PRE		95.8 b	62.5 de	80.0 ab	99.0 a
5	CONVINTRO WARRANT AATREX	4.17 SC 3 ME 4 L	2.4 oz/a 48.0 oz/a 32.0 oz/a	PRE PRE PRE		99.0 a	88.8 a	88.8 a	99.0 a
6	CONVINTRO HARNESS MAXX	4.17 SC 3.85 SC	2.4 oz/a 60.0 oz/a	PRE PRE		99.0 a	90.0 a	87.5 a	99.0 a
7	CONVINTRO BALANCE FLEXX	4.17 SC 2 SC	2.4 oz/a 1.0 oz/a	PRE PRE		99.0 a	70.0 cd	81.3 ab	99.0 a
8	CONVINTRO BALANCE FLEXX AATREX	4.17 SC 2 SC 4 L	2.4 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE		99.0 a	87.5 a	93.8 a	99.0 a
9	BALANCE FLEXX AATREX	2 SC 4 L	1.0 oz/a 32.0 oz/a	PRE PRE		92.3 c	85.0 ab	70.0 b	99.0 a
10	BICEP II MAGNUM	5.5 SC	42.0 oz/a	PRE		95.8 b	90.0 a	81.3 ab	99.0 a
11	CONVINTRO AATREX	4.17 SC 4 L	3.6 oz/a 32.0 oz/a	PRE PRE		99.0 a	95.0 a	70.0 b	98.0 ab
12	CONVINTRO AATREX	4.17 SC 4 L	4.8 oz/a 32.0 oz/a	PRE PRE		99.0 a	76.3 bc	70.0 b	97.0 b
LSD P=.10						3.20	10.58	16.97	1.03
Standard Deviation						2.67	8.84	14.18	0.86
CV						2.99	11.88	18.97	0.95
Grand Mean						89.48	74.38	74.79	90.50
Replicate F						0.400	1.432	1.840	1.658
Replicate Prob(F)						0.7542	0.2511	0.1592	0.1951
Treatment F						447.131	35.527	12.402	4408.274
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

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

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

Missing data estimates are included in columns: Average=26,27

Could not calculate LSD (% mean diff) or mean separation letters for columns 3,12,19,21 because error variance is 0.

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

^Calculated from residual.

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CONVINTRO FOR WEED CONTROL IN FIELD CORN	
Trial ID: CN-02-25	Study Dir.: C.CORKERN
Location: PONDER FARM	Investigator: Eric P. Prostko
<u>Rating Unit</u> % = PERCENT	
<u>ARM Action Codes</u> TY1 = 5.20105664*[26]	

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CONVINTRO FOR WEED CONTROL IN FIELD CORN													
Trial ID: CN-02-25		Study Dir.: C.CORKERN											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code							-----	-----	-----	-----	Rapra	Agrass	
Crop Code							Zeama	Zeama	Zeama	Zeama	-----	-----	
Rating Data Type							Bleaching	Stand	Stunting	Bleaching	Control	Control	
Rating Unit							%	#/25 ft	%	%	%	%	
Rating Date							Apr-11-25	Apr-11-25	Apr-18-25	Apr-18-25	Apr-18-25	Apr-18-25	
Trt-Eval Interval							7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	
Trt	Treatment	Form	Form	Rate	Grow								
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	1	2	3	4	5	6
1	NTC						101	5.0	55.0	0.0	0.0	0.0	0.0
							206	5.0	56.0	0.0	0.0	0.0	0.0
							312	5.0	56.0	0.0	0.0	0.0	0.0
							410	10.0	58.0	0.0	0.0	0.0	0.0
							Mean =	6.3	56.3	0.0	0.0	0.0	0.0
2	CONVINTRO (SC500)	4.17 SC		2.4 oz/a	PRE	102	20.0	56.0	0.0	15.0	65.0	95.0	
							203	20.0	56.0	0.0	10.0	50.0	99.0
							307	15.0	55.0	0.0	10.0	65.0	99.0
							403	20.0	55.0	0.0	15.0	50.0	99.0
							Mean =	18.8	55.5	0.0	12.5	57.5	98.0
3	CONVINTRO AATREX	4.17 SC 4 L		2.4 oz/a 32.0 oz/a	PRE	103	20.0	52.0	0.0	15.0	99.0	99.0	
							205	15.0	57.0	0.0	15.0	99.0	99.0
							301	15.0	55.0	0.0	15.0	99.0	99.0
							412	20.0	57.0	0.0	10.0	99.0	99.0
							Mean =	17.5	55.3	0.0	13.8	99.0	99.0
4	CONVINTRO WARRANT	4.17 SC 3 ME		2.4 oz/a 48.0 oz/a	PRE	104	25.0	55.0	0.0	15.0	60.0	99.0	
							212	20.0	56.0	0.0	15.0	50.0	99.0
							311	15.0	55.0	0.0	10.0	85.0	99.0
							405	15.0	56.0	0.0	10.0	85.0	99.0
							Mean =	18.8	55.5	0.0	12.5	70.0	99.0
5	CONVINTRO WARRANT AATREX	4.17 SC 3 ME 4 L		2.4 oz/a 48.0 oz/a 32.0 oz/a	PRE	105	20.0	55.0	0.0	10.0	95.0	99.0	
							202	15.0	57.0	0.0	10.0	95.0	99.0
							303	20.0	56.0	0.0	10.0	99.0	99.0
							401	15.0	58.0	0.0	10.0	99.0	99.0
							Mean =	17.5	56.5	0.0	10.0	97.0	99.0
6	CONVINTRO HARNESS MAXX	4.17 SC 3.85 SC		2.4 oz/a 60.0 oz/a	PRE	106	15.0	54.0	0.0	15.0	99.0	99.0	
							208	25.0	57.0	0.0	10.0	99.0	99.0
							306	20.0	51.0	0.0	15.0	99.0	99.0
							404	15.0	52.0	0.0	10.0	99.0	99.0
							Mean =	18.8	53.5	0.0	12.5	99.0	99.0
7	CONVINTRO BALANCE FLEXX	4.17 SC 2 SC		2.4 oz/a 1.0 oz/a	PRE	107	20.0	55.0	0.0	10.0	65.0	99.0	
							210	20.0	59.0	0.0	10.0	99.0	95.0
							302	20.0	57.0	0.0	10.0	85.0	99.0
							409	15.0	58.0	0.0	10.0	99.0	99.0
							Mean =	18.8	57.3	0.0	10.0	87.0	98.0
8	CONVINTRO BALANCE FLEXX AATREX	4.17 SC 2 SC 4 L		2.4 oz/a 1.0 oz/a 32.0 oz/a	PRE	108	15.0	54.0	0.0	10.0	99.0	99.0	
							211	15.0	55.0	0.0	5.0	99.0	99.0
							309	15.0	54.0	0.0	15.0	99.0	99.0
							402	15.0	56.0	0.0	10.0	99.0	99.0
							Mean =	15.0	54.8	0.0	10.0	99.0	99.0
9	BALANCE FLEXX AATREX	2 SC 4 L		1.0 oz/a 32.0 oz/a	PRE	109	5.0	54.0	0.0	5.0	99.0	99.0	
							201	5.0	54.0	0.0	5.0	99.0	99.0
							308	5.0	57.0	0.0	0.0	85.0	99.0
							411	5.0	56.0	0.0	5.0	99.0	99.0
							Mean =	5.0	55.3	0.0	3.8	95.5	99.0
10	BICEP II MAGNUM	5.5 SC		42.0 oz/a	PRE	110	5.0	54.0	0.0	5.0	95.0	99.0	
							209	5.0	58.0	0.0	5.0	99.0	99.0
							310	5.0	56.0	0.0	5.0	99.0	99.0
							407	5.0	58.0	0.0	5.0	90.0	99.0
							Mean =	5.0	56.5	0.0	5.0	95.8	99.0
11	CONVINTRO AATREX	4.17 SC 4 L		3.6 oz/a 32.0 oz/a	PRE	111	15.0	54.0	0.0	15.0	99.0	85.0	
							204	25.0	56.0	0.0	10.0	99.0	99.0
							305	20.0	56.0	0.0	10.0	99.0	99.0
							408	20.0	55.0	0.0	10.0	99.0	99.0
							Mean =	20.0	55.3	0.0	11.3	99.0	95.5

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CONVINTRO FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-02-25	Study Dir.: C.CORKERN
Location: PONDER FARM	Investigator: Eric P. Prostko

Weed Code						-----	-----	-----	-----	Rapra	Agrass
Crop Code						Zeama	Zeama	Zeama	Zeama	-----	-----
Rating Data Type						Bleaching	Stand	Stunting	Bleaching	Control	Control
Rating Unit						%	#/25 ft	%	%	%	%
Rating Date						Apr-11-25	Apr-11-25	Apr-18-25	Apr-18-25	Apr-18-25	Apr-18-25
Trt-Eval Interval						7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit Stg Plot	1	2	3	4	5	6
12	CONVINTRO	4.17	SC	4.8 oz/a	PRE 112	20.0	52.0	0.0	10.0	85.0	95.0
	AATREX	4	L	32.0 oz/a	PRE 207	25.0	57.0	0.0	15.0	85.0	95.0
					304	25.0	57.0	0.0	10.0	50.0	99.0
					406	20.0	57.0	0.0	10.0	99.0	99.0
					Mean =	22.5	55.8	0.0	11.3	79.8	97.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN											
Trial ID: CN-02-25		Study Dir.: C.CORKERN									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						-----	-----	Amapa	Rapra	Agrass	Molve
Crop Code						Zeama	Zeama	-----	-----	-----	-----
Rating Data Type						Stunting	Bleaching	Control	Control	Control	Control
Rating Unit						%	%	%	%	%	%
Rating Date						Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25
Trt-Eval Interval						22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	7	8	9	10
1	NTC						101	0.0	0.0	0.0	0.0
							206	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0
							410	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0
2	CONVINTRO (SC500)	4.17	SC	2.4 oz/a	PRE	102		5.0	5.0	99.0	0.0
						203		5.0	5.0	99.0	50.0
						307		5.0	5.0	99.0	50.0
						403		5.0	5.0	99.0	40.0
						Mean =		5.0	5.0	99.0	35.0
3	CONVINTRO	4.17	SC	2.4 oz/a	PRE	103		5.0	5.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	205		0.0	0.0	99.0	85.0
						301		0.0	5.0	99.0	99.0
						412		0.0	0.0	99.0	85.0
						Mean =		1.3	2.5	99.0	92.0
4	CONVINTRO	4.17	SC	2.4 oz/a	PRE	104		5.0	5.0	99.0	0.0
	WARRANT	3 ME		48.0 oz/a	PRE	212		0.0	0.0	99.0	30.0
						311		0.0	5.0	99.0	50.0
						405		5.0	5.0	99.0	75.0
						Mean =		2.5	3.8	99.0	38.8
5	CONVINTRO	4.17	SC	2.4 oz/a	PRE	105		5.0	5.0	99.0	85.0
	WARRANT	3 ME		48.0 oz/a	PRE	202		5.0	5.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	303		5.0	5.0	99.0	99.0
						401		0.0	5.0	99.0	99.0
						Mean =		3.8	5.0	99.0	95.5
6	CONVINTRO	4.17	SC	2.4 oz/a	PRE	106		10.0	0.0	99.0	99.0
	HARNESS MAXX	3.85	SC	60.0 oz/a	PRE	208		0.0	5.0	99.0	99.0
						306		10.0	5.0	99.0	99.0
						404		5.0	0.0	99.0	95.0
						Mean =		6.3	2.5	99.0	98.0
7	CONVINTRO	4.17	SC	2.4 oz/a	PRE	107		0.0	5.0	99.0	60.0
	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	210		5.0	5.0	99.0	85.0
						302		0.0	5.0	95.0	85.0
						409		5.0	5.0	99.0	75.0
						Mean =		2.5	5.0	98.0	76.3
8	CONVINTRO	4.17	SC	2.4 oz/a	PRE	108		0.0	5.0	99.0	99.0
	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	211		0.0	5.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	309		5.0	5.0	99.0	99.0
						402		0.0	5.0	99.0	95.0
						Mean =		1.3	5.0	99.0	98.0
9	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	109		0.0	0.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	201		5.0	0.0	99.0	99.0
						308		0.0	0.0	99.0	90.0
						411		0.0	5.0	99.0	99.0
						Mean =		1.3	1.3	99.0	96.8
10	BICEP II MAGNUM	5.5	SC	42.0 oz/a	PRE	110		5.0	0.0	99.0	85.0
						209		0.0	0.0	99.0	95.0
						310		10.0	0.0	99.0	85.0
						407		0.0	5.0	99.0	85.0
						Mean =		3.8	1.3	99.0	87.5
11	CONVINTRO	4.17	SC	3.6 oz/a	PRE	111		0.0	5.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	204		0.0	0.0	99.0	99.0
						305		0.0	5.0	99.0	95.0
						408		0.0	5.0	99.0	95.0
						Mean =		0.0	3.8	99.0	97.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN											
Trial ID: CN-02-25			Study Dir.: C.CORKERN								
Location: PONDER FARM			Investigator: Eric P. Prostko								
Weed Code						-----	-----	Amapa	Rapra	Agrass	Molve
Crop Code						Zeama	Zeama	-----	-----	-----	-----
Rating Data Type						Stunting	Bleaching	Control	Control	Control	Control
Rating Unit						%	%	%	%	%	%
Rating Date						Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25	Apr-26-25
Trt-Eval Interval						22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit Stg Plot	7	8	9	10	11	12
12	CONVINTRO	4.17	SC	4.8 oz/a	PRE 112	0.0	5.0	99.0	65.0	75.0	99.0
	AATREX	4	L	32.0 oz/a	PRE 207	0.0	5.0	99.0	95.0	99.0	99.0
					304	0.0	5.0	99.0	50.0	85.0	99.0
					406	10.0	5.0	99.0	95.0	99.0	99.0
					Mean =	2.5	5.0	99.0	76.3	89.5	99.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN											
Trial ID: CN-02-25		Study Dir.: C.CORKERN									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						ZEAMA	ZEAMA	ZEAMA	Amapa	Rapra	Agrass
Crop Code						STAND	Stunting	Bleaching	-----	-----	-----
Rating Data Type						#/5 FT	%	%	Control	Control	Control
Rating Unit									%	%	%
Rating Date						Apr-30-25	May-2-25	May-2-25	May-2-25	May-2-25	May-2-25
Trt-Eval Interval						26 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	Plot				
1	NTC						101	11.0	0.0	0.0	0.0
							206	10.0	0.0	0.0	0.0
							312	12.0	0.0	0.0	0.0
							410	2.0	0.0	0.0	0.0
							Mean =	8.8	0.0	0.0	0.0
2	CONVINTRO (SC500)	4.17	SC	2.4 oz/a	PRE	102	102	12.0	5.0	95.0	85.0
						203	203	10.0	10.0	99.0	90.0
						307	307	12.0	5.0	99.0	95.0
						403	403	11.0	10.0	99.0	90.0
						Mean =		11.3	7.5	98.0	90.0
3	CONVINTRO	4.17	SC	2.4 oz/a	PRE	103	103	12.0	10.0	99.0	99.0
	AATREX	4 L		32.0 oz/a	PRE	205	205	12.0	5.0	99.0	99.0
						301	301	11.0	0.0	99.0	99.0
						412	412	12.0	0.0	99.0	85.0
						Mean =		11.8	3.8	99.0	95.5
4	CONVINTRO	4.17	SC	2.4 oz/a	PRE	104	104	11.0	5.0	99.0	99.0
	WARRANT	3 ME		48.0 oz/a	PRE	212	212	12.0	0.0	95.0	65.0
						311	311	10.0	10.0	95.0	99.0
						405	405	11.0	5.0	99.0	95.0
						Mean =		11.0	5.0	97.0	89.5
5	CONVINTRO	4.17	SC	2.4 oz/a	PRE	105	105	12.0	0.0	99.0	95.0
	WARRANT	3 ME		48.0 oz/a	PRE	202	202	11.0	5.0	99.0	95.0
	AATREX	4 L		32.0 oz/a	PRE	303	303	12.0	10.0	99.0	99.0
						401	401	11.0	5.0	99.0	95.0
						Mean =		11.5	5.0	99.0	96.0
6	CONVINTRO	4.17	SC	2.4 oz/a	PRE	106	106	13.0	15.0	99.0	99.0
	HARNESS MAXX	3.85	SC	60.0 oz/a	PRE	208	208	12.0	0.0	99.0	95.0
						306	306	11.0	15.0	99.0	99.0
						404	404	10.0	5.0	99.0	85.0
						Mean =		11.5	8.8	99.0	94.5
7	CONVINTRO	4.17	SC	2.4 oz/a	PRE	107	107	11.0	5.0	99.0	99.0
	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	210	210	11.0	0.0	99.0	65.0
						302	302	11.0	5.0	99.0	85.0
						409	409	12.0	0.0	99.0	85.0
						Mean =		11.3	2.5	99.0	86.0
8	CONVINTRO	4.17	SC	2.4 oz/a	PRE	108	108	11.0	0.0	99.0	99.0
	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	211	211	12.0	5.0	99.0	90.0
	AATREX	4 L		32.0 oz/a	PRE	309	309	11.0	0.0	99.0	99.0
						402	402	11.0	5.0	99.0	95.0
						Mean =		11.3	2.5	99.0	96.8
9	BALANCE FLEXX	2 SC		1.0 oz/a	PRE	109	109	11.0	0.0	99.0	65.0
	AATREX	4 L		32.0 oz/a	PRE	201	201	11.0	5.0	99.0	85.0
						308	308	11.0	0.0	99.0	60.0
						411	411	11.0	0.0	90.0	85.0
						Mean =		11.0	1.3	96.8	73.8
10	BICEP II MAGNUM	5.5	SC	42.0 oz/a	PRE	110	110	10.0	5.0	99.0	75.0
						209	209	11.0	0.0	99.0	80.0
						310	310	11.0	15.0	90.0	85.0
						407	407	11.0	0.0	99.0	85.0
						Mean =		10.8	5.0	96.8	81.3
11	CONVINTRO	4.17	SC	3.6 oz/a	PRE	111	111	12.0	5.0	99.0	75.0
	AATREX	4 L		32.0 oz/a	PRE	204	204	11.0	0.0	99.0	99.0
						305	305	11.0	5.0	99.0	60.0
						408	408	13.0	0.0	99.0	85.0
						Mean =		11.8	2.5	99.0	79.8

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CONVINTRO FOR WEED CONTROL IN FIELD CORN											
Trial ID: CN-02-25			Study Dir.: C.CORKERN								
Location: PONDER FARM			Investigator: Eric P. Prostko								
Weed Code						ZEAMA	ZEAMA	ZEAMA	Amapa	Rapra	Agrass
Crop Code						STAND	Stunting	Bleaching	-----	-----	-----
Rating Data Type						#/5 FT	%	%	Control	Control	Control
Rating Unit									%	%	%
Rating Date						Apr-30-25	May-2-25	May-2-25	May-2-25	May-2-25	May-2-25
Trt-Eval Interval						26 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 Plot	13	14	15	16	17	18
12	CONVINTRO	4.17	SC	4.8 oz/a	PRE 112	10.0	5.0	5.0	99.0	85.0	65.0
	AATREX	4	L	32.0 oz/a	PRE 207	1.0	0.0	5.0	99.0	65.0	95.0
					304	11.0	10.0	10.0	99.0	0.0	75.0
					406	11.0	10.0	10.0	99.0	85.0	90.0
					Mean =	8.3	6.3	7.5	99.0	58.8	81.3

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CONVINTRO FOR WEED CONTROL IN FIELD CORN													
Trial ID: CN-02-25		Study Dir.: C.CORKERN											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code							Molve	-----	-----	Amapa	Rapra	Agrass	
Crop Code							-----	Zeama	Zeama	-----	-----	-----	
Rating Data Type							Control	Stunting	Bleaching	Control	Control	Control	
Rating Unit							%	%	%	%	%	%	
Rating Date							May-2-25	May-13-25	May-13-25	May-13-25	May-13-25	May-13-25	
Trt-Eval Interval							28 DA-A	39 DA-A	39 DA-A	39 DA-A	39 DA-A	39 DA-A	
Trt	Treatment	Form	Form	Rate	Grow								
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	19	20	21	22	23	24
1	NTC						101	0.0	0.0	0.0	0.0	0.0	0.0
							206	0.0	0.0	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0	0.0	0.0
							410	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	CONVINTRO (SC500)	4.17	SC	2.4 oz/a	PRE		102	99.0	10.0	0.0	99.0	50.0	85.0
							203	99.0	5.0	0.0	99.0	65.0	85.0
							307	99.0	20.0	0.0	99.0	50.0	65.0
							403	99.0	10.0	0.0	95.0	65.0	95.0
							Mean =	99.0	11.3	0.0	98.0	57.5	82.5
3	CONVINTRO AATREX	4.17	SC 4 L	2.4 oz/a 32.0 oz/a	PRE PRE	103 205	103	99.0	25.0	0.0	99.0	85.0	95.0
							205	99.0	0.0	0.0	95.0	95.0	95.0
							301	99.0	10.0	0.0	99.0	95.0	95.0
							412	99.0	0.0	0.0	99.0	85.0	85.0
							Mean =	99.0	8.8	0.0	98.0	90.0	92.5
4	CONVINTRO WARRANT	4.17	SC 3 ME	2.4 oz/a 48.0 oz/a	PRE PRE	104 212	104	99.0	25.0	0.0	99.0	40.0	85.0
							212	99.0	0.0	0.0	95.0	50.0	65.0
							311	99.0	15.0	0.0	90.0	75.0	75.0
							405	99.0	10.0	0.0	99.0	85.0	95.0
							Mean =	99.0	12.5	0.0	95.8	62.5	80.0
5	CONVINTRO WARRANT AATREX	4.17	SC 3 ME 4 L	2.4 oz/a 48.0 oz/a 32.0 oz/a	PRE PRE PRE	105 202 303	105	99.0	20.0	0.0	99.0	85.0	85.0
							202	99.0	0.0	0.0	99.0	85.0	95.0
							303	99.0	15.0	0.0	99.0	90.0	85.0
							401	99.0	5.0	0.0	99.0	95.0	90.0
							Mean =	99.0	10.0	0.0	99.0	88.8	88.8
6	CONVINTRO HARNESS MAXX	4.17	SC 3.85 SC	2.4 oz/a 60.0 oz/a	PRE PRE	106 208	106	99.0	25.0	0.0	99.0	95.0	95.0
							208	99.0	0.0	0.0	99.0	85.0	95.0
							306	99.0	30.0	0.0	99.0	95.0	95.0
							404	99.0	10.0	0.0	99.0	85.0	65.0
							Mean =	99.0	16.3	0.0	99.0	90.0	87.5
7	CONVINTRO BALANCE FLEXX	4.17	SC 2 SC	2.4 oz/a 1.0 oz/a	PRE PRE	107 210	107	99.0	10.0	0.0	99.0	75.0	90.0
							210	99.0	0.0	0.0	99.0	75.0	65.0
							302	99.0	10.0	0.0	99.0	65.0	85.0
							409	99.0	0.0	0.0	99.0	65.0	85.0
							Mean =	99.0	5.0	0.0	99.0	70.0	81.3
8	CONVINTRO BALANCE FLEXX AATREX	4.17	SC 2 SC 4 L	2.4 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE	108 211 309	108	99.0	0.0	0.0	99.0	75.0	90.0
							211	99.0	0.0	0.0	99.0	95.0	95.0
							309	99.0	10.0	0.0	99.0	85.0	95.0
							402	99.0	5.0	0.0	99.0	95.0	95.0
							Mean =	99.0	3.8	0.0	99.0	87.5	93.8
9	BALANCE FLEXX AATREX	2	SC 4 L	1.0 oz/a 32.0 oz/a	PRE PRE	109 201	109	99.0	10.0	0.0	90.0	85.0	65.0
							201	99.0	0.0	0.0	95.0	85.0	65.0
							308	99.0	0.0	0.0	99.0	85.0	65.0
							411	99.0	0.0	0.0	85.0	85.0	85.0
							Mean =	99.0	2.5	0.0	92.3	85.0	70.0
10	BICEP II MAGNUM	5.5	SC	42.0 oz/a	PRE	110	110	99.0	15.0	0.0	99.0	95.0	60.0
							209	99.0	5.0	0.0	99.0	95.0	85.0
							310	99.0	30.0	0.0	90.0	75.0	85.0
							407	99.0	0.0	0.0	95.0	95.0	95.0
							Mean =	99.0	12.5	0.0	95.8	90.0	81.3
11	CONVINTRO AATREX	4.17	SC 4 L	3.6 oz/a 32.0 oz/a	PRE PRE	111 204	111	99.0	10.0	0.0	99.0	95.0	60.0
							204	99.0	5.0	0.0	99.0	95.0	95.0
							305	99.0	5.0	0.0	99.0	95.0	30.0
							408	99.0	0.0	0.0	99.0	95.0	95.0
							Mean =	99.0	5.0	0.0	99.0	95.0	70.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN											
Trial ID: CN-02-25			Study Dir.: C.CORKERN								
Location: PONDER FARM			Investigator: Eric P. Prostko								
Weed Code						Molve	-----	-----	-----	Rapra	Agrass
Crop Code						-----	Zeama	Zeama	-----	-----	-----
Rating Data Type						Control	Stunting	Bleaching	Control	Control	Control
Rating Unit						%	%	%	%	%	%
Rating Date						May-2-25	May-13-25	May-13-25	May-13-25	May-13-25	May-13-25
Trt-Eval Interval						28 DA-A	39 DA-A	39 DA-A	39 DA-A	39 DA-A	39 DA-A
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit Stg Plot	19	20	21	22	23	24
12	CONVINTRO	4.17	SC	4.8 oz/a	PRE 112	99.0	0.0	0.0	99.0	75.0	50.0
	AATREX	4	L	32.0 oz/a	PRE 207	99.0	0.0	0.0	99.0	85.0	95.0
					304	99.0	15.0	0.0	99.0	60.0	50.0
					406	99.0	15.0	0.0	99.0	85.0	85.0
					Mean =	99.0	7.5	0.0	99.0	76.3	70.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN										
Trial ID: CN-02-25		Study Dir.: C.CORKERN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							Molve	-----	-----	
Crop Code							Control	ZEAMA	ZEAMA	
Rating Data Type							%	YIELD	YIELD	
Rating Unit							May-13-25	LBS/PLOT	BU/A	
Rating Date							39 DA-A	Aug-27-25	Aug-27-25	
Trt-Eval Interval								145 DA-A	145 DA-A	
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	25	26	27
1	NTC						101	0.0	43.0	223.6
							206	0.0	45.0	234.0
							312	0.0	28.0	145.6
							410	0.0	37.0	192.4
							Mean =	0.0	38.3	198.9
2	CONVINTRO (SC500)	4.17	SC	2.4	oz/a	PRE	102	99.0	52.0	270.5
							203	99.0	53.0	275.7
							307	99.0	47.0	244.4
							403	99.0	51.0	265.3
							Mean =	99.0	50.8	264.0
3	CONVINTRO	4.17	SC	2.4	oz/a	PRE	103	99.0	50.0	260.1
	AATREX	4	L	32.0	oz/a	PRE	205	99.0	48.0	249.7
							301	99.0	52.0	270.5
							412	99.0	52.0	270.5
							Mean =	99.0	50.5	262.7
4	CONVINTRO	4.17	SC	2.4	oz/a	PRE	104	99.0	.	.
	WARRANT	3	ME	48.0	oz/a	PRE	212	99.0	48.0	249.7
							311	99.0	49.0	254.9
							405	99.0	52.0	270.5
							Mean =	99.0	49.7	258.3
5	CONVINTRO	4.17	SC	2.4	oz/a	PRE	105	99.0	56.0	291.3
	WARRANT	3	ME	48.0	oz/a	PRE	202	99.0	51.0	265.3
	AATREX	4	L	32.0	oz/a	PRE	303	99.0	51.0	265.3
							401	99.0	56.0	291.3
							Mean =	99.0	53.5	278.3
6	CONVINTRO	4.17	SC	2.4	oz/a	PRE	106	99.0	49.0	254.9
	HARNESS MAXX	3.85	SC	60.0	oz/a	PRE	208	99.0	51.0	265.3
							306	99.0	50.0	260.1
							404	99.0	.	.
							Mean =	99.0	50.0	260.1
7	CONVINTRO	4.17	SC	2.4	oz/a	PRE	107	99.0	54.0	280.9
	BALANCE FLEXX	2	SC	1.0	oz/a	PRE	210	99.0	50.0	260.1
							302	99.0	49.0	254.9
							409	99.0	49.0	254.9
							Mean =	99.0	50.5	262.7
8	CONVINTRO	4.17	SC	2.4	oz/a	PRE	108	99.0	53.0	275.7
	BALANCE FLEXX	2	SC	1.0	oz/a	PRE	211	99.0	52.0	270.5
	AATREX	4	L	32.0	oz/a	PRE	309	99.0	49.0	254.9
							402	99.0	51.0	265.3
							Mean =	99.0	51.3	266.6
9	BALANCE FLEXX	2	SC	1.0	oz/a	PRE	109	99.0	53.0	275.7
	AATREX	4	L	32.0	oz/a	PRE	201	99.0	53.0	275.7
							308	99.0	49.0	254.9
							411	99.0	45.0	234.0
							Mean =	99.0	50.0	260.1
10	BICEP II MAGNUM	5.5	SC	42.0	oz/a	PRE	110	99.0	49.0	254.9
							209	99.0	52.0	270.5
							310	99.0	46.0	239.2
							407	99.0	50.0	260.1
							Mean =	99.0	49.3	256.2
11	CONVINTRO	4.17	SC	3.6	oz/a	PRE	111	99.0	50.0	260.1
	AATREX	4	L	32.0	oz/a	PRE	204	99.0	.	.
							305	95.0	51.0	265.3
							408	99.0	53.0	275.7
							Mean =	98.0	51.3	267.0

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CONVINTRO FOR WEED CONTROL IN FIELD CORN									
Trial ID: CN-02-25		Study Dir.: C.CORKERN							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code						Molve	----	----	
Crop Code						-----	ZEAMA	ZEAMA	
Rating Data Type						Control	YIELD	YIELD	
Rating Unit						%	LBS/PLOT	BU/A	
Rating Date						May-13-25	Aug-27-25	Aug-27-25	
Trt-Eval Interval						39 DA-A	145 DA-A	145 DA-A	
Trt	Treatment	Form	Form	Rate	Grow				
No.	Name	Conc	Type	Rate	Unit Stg Plot	25	26	27	
12	CONVINTRO	4.17	SC	4.8 oz/a	PRE 112	99.0	48.0	249.7	
	AATREX	4	L	32.0 oz/a	PRE 207	95.0	54.0	280.9	
					304	95.0	.	.	
					406	99.0	51.0	265.3	
					Mean =	97.0	51.0	265.3	

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CONVINTRO FOR WEED CONTROL IN FIELD CORN	
Trial ID: CN-02-25	Study Dir.: C.CORKERN
Location: PONDER FARM	Investigator: Eric P. Prostko
<u>Rating Unit</u> % = PERCENT	
<u>ARM Action Codes</u> TY1 = 5.20105664*[26]	