

University of Georgia

WARRANT PRE IN FIELD CORN

Trial ID: CN-13-14 Study Dir.: MARK BRAXTON (2014-01-24-09)
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 gal/ac Mix size: 1.5 liters (min .78211)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Rep 1	2	3	4
1	WARRANT	3	CS	48.0 oz/a	PRE	A		37.5 ml/mx	101	209	308	403
2	WARRANT	3	CS	56.0 oz/a	PRE	A		43.75 ml/mx	102	205	302	407
3	WARRANT	3	CS	64.0 oz/a	PRE	A		49.99 ml/mx	103	210	305	406
4	WARRANT	3	CS	48.0 oz/a	PRE	A		37.5 ml/mx	104	203	301	402
	ATRAZINE	4	L	24.0 oz/a	PRE	A		18.75 ml/mx				
5	WARRANT	3	CS	56.0 oz/a	PRE	A		43.75 ml/mx	105	206	304	405
	ATRAZINE	4	L	24.0 oz/a	PRE	A		18.75 ml/mx				
6	WARRANT	3	CS	64.0 oz/a	PRE	A		49.99 ml/mx	106	208	310	409
	ATRAZINE	4	L	24.0 oz/a	PRE	A		18.75 ml/mx				
7	HARNESS	7	EC	24.0 oz/a	PRE	A		18.75 ml/mx	107	204	307	404
8	DUAL II MAGNUM	7.62	EC	21.0 oz/a	PRE	A		16.4 ml/mx	108	207	303	401
9	ZIDUA	85	WG	1.5 oz/a	PRE	A		1.123 g/mx	109	201	309	408
10	NTC								110	202	306	410

Sort Order: Treatment

Trial Comments

HARVEST DATE: AUGUST 12
 HARVEST MOISTURE: 19.3%
 YIELDS ADJUSTED TO 15.5%

ANNUAL GRASS = TEXAS PANICUM + CRABGRASS

ROUNDUP WM @ 22 OZ/A + ATRAZINE @ 64 OZ/A APPLIED MAY 20 TO ALL TREATMENTS EXCEPT NTC

SUMMARY:

1) AT 29 DAT, CORN STUNTING WITH ALL PRE WARRANT TREATMENTS WAS < 10%. OTHER PRE TREATMENTS CAUSED GREATER CROP INJURY AS FOLLOWS:

HARNESS = 18%
 DUAL II MAGNUM = 10%
 ZIDUA = 16%

2) HENBIT CONTROL WAS EXCELLENT (>95%) WITH ALL PRE TREATMENTS EXCEPT ZIDUA (82-84% CONTROL).

3) AT 54 DAT, ALL PRE WARRANT TREATMENTS PROVIDED >95% CONTROL OF PALMER AMARANTH. PALMER AMARANTH CONTROL WITH PRE APPLIED DUAL II OR ZIDUA WAS ONLY 83% AND 63%, RESPECTIVELY.

4) AT 54 DAT, ANNUAL GRASS CONTROL WITH ALL PRE TREATMENTS WAS POOR (<70%).

4) ALL HERBICIDE TREATMENTS RESULTED IN GREATER YIELDS THAN THE NTC EXCEPT DUAL I I MAGNUM AND ZIDUA.

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 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: MARK BRAXTON (2014-01-24-09) **Title:** _____
Affiliation: _____ **Postal Code:** _____
Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____
Trial Status: _____ **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: LAMAM HENBIT **2:** AMAPA PALMER AMARANTH
Weed 3: AGRASS TEXAS PANICUM + CRABGRASS **4:** _____
Crop 1: ZEAMA FIELD CORN **Variety:** PIONEER 2023BVT **Planting Date:** Mar-25-14
Planting Method: MONOSEM **Rate:** 28471 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:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: PONCHO/VOTIVO SEED TRT;

Previous: Crops **Pesticides** **Year**
 1. COTTON 2013 _____

MAINTENANCE

Field Prep./Maintenance: _____
No. Date Treatment Name Form Conc Unit Type Rate Unit
 1. _____

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.57 **% Sand:** 96 **% Silt:** 0 **% Clay:** 4
pH: 6.6 **CEC:** 2.4 **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date Time Amount Unit Type Interval Unit
 1. Mar-28-14 _____ 1.07 IN RAINFALL _____
 2. Mar-29-14 _____ 0.23 IN RAINFALL _____
 3. Apr-1-14 _____ 0.4 IN SPRINKLER - LATERAL MOVE _____
 4. _____

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date: Mar-26-14						
Time of Day: 7:00 PM						
Application Method: BROADCAST						
Application Timing: PRE						
Applic. Placement: SOIL						
Air Temp., Unit: 55 F						
% Relative Humidity: 25						
Wind Velocity, Unit: 2.4 MPH						
Dew Presence (Y/N): N						
Water Hardness: --						
Soil Temp., Unit: 59 F						
Soil Moisture: OPTIMUM						
% Cloud Cover: 100						

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: ZEAMA						
Stage Scale:						
Height, Unit:						

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		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: LAMAM	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
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:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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Trial ID: CN-13-14 Study Dir.: MARK BRAXTON (2014-01-24-09)
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							
Crop Code		-----	LAMAM	ANNUAL	AMAPA	-----	AMAPA
Part Rated		ZEAMA	----	GRASS	----	ZEAMA	----
Rating Data Type		PLANT -				PLANT -	
Rating Unit		STUNT	CONTROL	CONTROL	CONTROL	STUNT	CONTROL
Rating Date		PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Trt-Eval Interval		Apr-9-14	Apr-9-14	Apr-9-14	Apr-9-14	Apr-24-14	Apr-24-14
PRM Data Type		14 DA-A	14 DA-A	14 DA-A	14 DA-A	29 DA-A	29 DA-A
# Subsamples, Dec.							
Trt Treatment	Form Form	Rate Grow	Appl				
No. Name	Conc Type	Rate Unit	Stg Code	1	2	3	4
1 WARRANT	3 CS	48.0 oz/a	PRE A	7.5 a	98.0 a	81.0 cd	98.0 ab
2 WARRANT	3 CS	56.0 oz/a	PRE A	0.0 c	97.0 a	83.5 bcd	99.0 a
3 WARRANT	3 CS	64.0 oz/a	PRE A	2.5 bc	97.0 a	92.0 abc	98.0 ab
4 WARRANT	3 CS	48.0 oz/a	PRE A	0.0 c	97.0 a	75.0 d	98.0 ab
ATRAZINE	4 L	24.0 oz/a	PRE A				2.5 cd
5 WARRANT	3 CS	56.0 oz/a	PRE A	1.3 bc	97.0 a	92.3 abc	98.0 ab
ATRAZINE	4 L	24.0 oz/a	PRE A				2.5 cd
6 WARRANT	3 CS	64.0 oz/a	PRE A	2.5 bc	97.0 a	85.0 a-d	97.0 b
ATRAZINE	4 L	24.0 oz/a	PRE A				1.3 cd
7 HARNESS	7 EC	24.0 oz/a	PRE A	5.0 ab	97.0 a	97.0 a	97.0 b
8 DUAL II MAGNUM	7.62 EC	21.0 oz/a	PRE A	0.0 c	97.0 a	88.8 abc	97.0 b
9 ZIDUA	85 WG	1.5 oz/a	PRE A	1.3 bc	83.5 b	94.8 ab	99.0 a
10 NTC				0.0 c	0.0 c	0.0 e	0.0 c
LSD (P=.10)				4.32	6.18	12.83	1.83
Standard Deviation				3.59	5.13	10.65	1.52
CV				179.38	5.97	13.49	1.73
Grand Mean				2.0	86.05	78.93	88.1
Bartlett's X2				3.346	35.48	14.413	0.2
P(Bartlett's X2)				0.647	0.001*	0.072	1.00
Replicate F				0.388	2.524	0.848	4.846
Replicate Prob(F)				0.7622	0.0788	0.4800	0.0080
Treatment F				1.964	141.558	28.715	1659.404
Treatment Prob(F)				0.0847	0.0001	0.0001	0.0001

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

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

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Weed Code							LAMAM	-----	AMAPA	ANNUAL	-----	-----
Crop Code							-----	-----	-----	GRASS	-----	-----
Part Rated								ZEAMA			ZEAMA	ZEAMA
Rating Data Type							CONTROL	PLANT -	CONTROL	CONTROL	PLOT -	PLOT -
Rating Unit							PERCENT	STUNT	PERCENT	PERCENT	YIELD	YIELD
Rating Date							Apr-24-14	May-19-14	May-19-14	May-19-14	Aug-12-14	Aug-12-14
Trt-Eval Interval							29 DA-A	54 DA-A	54 DA-A	54 DA-A	139 DA-A	139 DA-A
PRM Data Type												TY1
# Subsamples, Dec.												- 0
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Unit	Stg	Code		8	9	10	11	12	13
1 WARRANT	3 CS	48.0 oz/a	PRE	A			99.0 a	0.0 b	95.8 a	53.8 bc	37.5 bcd	186 bcd
2 WARRANT	3 CS	56.0 oz/a	PRE	A			99.0 a	0.0 b	99.0 a	56.3 ab	40.0 a	198 a
3 WARRANT	3 CS	64.0 oz/a	PRE	A			99.0 a	0.0 b	99.0 a	61.3 ab	38.8 abc	192 abc
4 WARRANT	3 CS	48.0 oz/a	PRE	A			99.0 a	0.0 b	99.0 a	42.5 c	39.0 ab	193 ab
ATRAZINE	4 L	24.0 oz/a	PRE	A								
5 WARRANT	3 CS	56.0 oz/a	PRE	A			99.0 a	0.0 b	99.0 a	66.3 a	39.5 ab	196 ab
ATRAZINE	4 L	24.0 oz/a	PRE	A								
6 WARRANT	3 CS	64.0 oz/a	PRE	A			99.0 a	0.0 b	99.0 a	65.0 ab	37.8 a-d	187 a-d
ATRAZINE	4 L	24.0 oz/a	PRE	A								
7 HARNESS	7 EC	24.0 oz/a	PRE	A			99.0 a	12.5 a	94.5 a	61.3 ab	36.5 cd	181 cd
8 DUAL II MAGNUM	7.62 EC	21.0 oz/a	PRE	A			99.0 a	2.5 b	82.5 b	63.8 ab	35.5 de	176 de
9 ZIDUA	85 WG	1.5 oz/a	PRE	A			82.3 b	10.0 a	62.5 c	61.3 ab	34.0 e	168 e
10 NTC							0.0 c	0.0 b	0.0 d	0.0 d	33.3 e	165 e
LSD (P=.10)							5.78	4.61	6.88	11.27	2.40	11.9
Standard Deviation							4.80	3.82	5.71	9.36	1.99	9.9
CV							5.49	152.99	6.88	17.61	5.36	5.36
Grand Mean							87.43	2.5	83.03	53.13	37.18	184.11
Bartlett's X2							0.0	2.425	3.938	20.079	9.948	9.948
P(Bartlett's X2)							.	0.297	0.268	0.01*	0.355	0.355
Replicate F							1.000	0.114	0.052	1.111	0.930	0.930
Replicate Prob(F)							0.4079	0.9512	0.9841	0.3619	0.4397	0.4397
Treatment F							168.739	6.076	121.057	18.117	5.417	5.417
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0003	0.0003

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Weed Code

LAMAM = HENBIT / LAMIUM AMPLEXICAULE L.

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

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

PRM Data Type

TY1 = 4.952511*[12]

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- ZEAMA PLANT - STUNT PERCENT Apr-9-14 14 DA-A	LAMAM ----- CONTROL PERCENT Apr-9-14 14 DA-A	ANNUAL GRASS CONTROL PERCENT Apr-9-14 14 DA-A	AMAPA ----- CONTROL PERCENT Apr-9-14 14 DA-A	----- ZEAMA PLANT - STUNT PERCENT Apr-24-14 29 DA-A	AMAPA ----- CONTROL PERCENT Apr-24-14 29 DA-A
Trt Treatment	Form Form	Rate Grow	Appl				1	2	3	4	5	6
No. Name	Conc Type	Rate Unit	Stg	Code	Plot							
1 WARRANT	3 CS	48.0 oz/a	PRE	A	101	0.0	99.0	65.0	99.0	5.0	99.0	
					209	10.0	95.0	95.0	95.0	5.0	99.0	
					308	10.0	99.0	99.0	99.0	10.0	99.0	
					403	10.0	99.0	65.0	99.0	0.0	99.0	
					Mean =	7.5	98.0	81.0	98.0	5.0	99.0	
2 WARRANT	3 CS	56.0 oz/a	PRE	A	102	0.0	95.0	65.0	99.0	5.0	99.0	
					205	0.0	95.0	85.0	99.0	5.0	99.0	
					302	0.0	99.0	85.0	99.0	10.0	99.0	
					407	0.0	99.0	99.0	99.0	0.0	99.0	
					Mean =	0.0	97.0	83.5	99.0	5.0	99.0	
3 WARRANT	3 CS	64.0 oz/a	PRE	A	103	0.0	95.0	75.0	99.0	0.0	99.0	
					210	0.0	95.0	95.0	95.0	5.0	99.0	
					305	10.0	99.0	99.0	99.0	10.0	99.0	
					406	0.0	99.0	99.0	99.0	0.0	99.0	
					Mean =	2.5	97.0	92.0	98.0	3.8	99.0	
4 WARRANT	3 CS	48.0 oz/a	PRE	A	104	0.0	95.0	85.0	99.0	0.0	99.0	
ATRAZINE	4 L	24.0 oz/a	PRE	A	203	0.0	95.0	65.0	99.0	0.0	99.0	
					301	0.0	99.0	85.0	95.0	0.0	99.0	
					402	0.0	99.0	65.0	99.0	10.0	99.0	
					Mean =	0.0	97.0	75.0	98.0	2.5	99.0	
5 WARRANT	3 CS	56.0 oz/a	PRE	A	105	0.0	95.0	90.0	99.0	0.0	99.0	
ATRAZINE	4 L	24.0 oz/a	PRE	A	206	0.0	95.0	95.0	95.0	0.0	99.0	
					304	0.0	99.0	85.0	99.0	10.0	99.0	
					405	5.0	99.0	99.0	99.0	0.0	99.0	
					Mean =	1.3	97.0	92.3	98.0	2.5	99.0	
6 WARRANT	3 CS	64.0 oz/a	PRE	A	106	10.0	95.0	95.0	95.0	0.0	99.0	
ATRAZINE	4 L	24.0 oz/a	PRE	A	208	0.0	95.0	95.0	95.0	5.0	99.0	
					310	0.0	99.0	85.0	99.0	0.0	99.0	
					409	0.0	99.0	65.0	99.0	0.0	99.0	
					Mean =	2.5	97.0	85.0	97.0	1.3	99.0	
7 HARNESS	7 EC	24.0 oz/a	PRE	A	107	10.0	95.0	95.0	95.0	20.0	99.0	
					204	0.0	95.0	95.0	95.0	15.0	99.0	
					307	10.0	99.0	99.0	99.0	25.0	95.0	
					404	0.0	99.0	99.0	99.0	10.0	99.0	
					Mean =	5.0	97.0	97.0	97.0	17.5	98.0	
8 DUAL II MAGNUM	7.62 EC	21.0 oz/a	PRE	A	108	0.0	95.0	95.0	95.0	5.0	99.0	
					207	0.0	95.0	95.0	95.0	10.0	99.0	
					303	0.0	99.0	80.0	99.0	15.0	99.0	
					401	0.0	99.0	85.0	99.0	10.0	99.0	
					Mean =	0.0	97.0	88.8	97.0	10.0	99.0	
9 ZIDUA	85 WG	1.5 oz/a	PRE	A	109	0.0	65.0	90.0	99.0	20.0	99.0	
					201	5.0	95.0	95.0	99.0	15.0	99.0	
					309	0.0	99.0	99.0	99.0	15.0	99.0	
					408	0.0	75.0	95.0	99.0	15.0	99.0	
					Mean =	1.3	83.5	94.8	99.0	16.3	99.0	
10 NTC					110	0.0	0.0	0.0	0.0	0.0	0.0	
					202	0.0	0.0	0.0	0.0	0.0	0.0	
					306	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	

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.							ANNUAL GRASS CONTROL PERCENT Apr-24-14 29 DA-A	LAMAM ----- CONTROL PERCENT Apr-24-14 29 DA-A	----- ZEAMA PLANT - STUNT PERCENT May-19-14 54 DA-A	AMAPA ----- CONTROL PERCENT May-19-14 54 DA-A	ANNUAL GRASS CONTROL PERCENT May-19-14 54 DA-A	----- ZEAMA PLOT - YIELD LBS/PLOT Aug-12-14 139 DA-A
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Rate	Unit	Stg	Code Plot	7	8	9	10	11	12
1 WARRANT	3 CS	48.0 oz/a	PRE	A		101	65.0	99.0	0.0	95.0	40.0	40.0
						209	85.0	99.0	0.0	99.0	70.0	38.0
						308	99.0	99.0	0.0	90.0	75.0	35.0
						403	65.0	99.0	0.0	99.0	30.0	37.0
						Mean =	78.5	99.0	0.0	95.8	53.8	37.5
2 WARRANT	3 CS	56.0 oz/a	PRE	A		102	65.0	99.0	0.0	99.0	50.0	42.0
						205	85.0	99.0	0.0	99.0	65.0	39.0
						302	75.0	99.0	0.0	99.0	50.0	41.0
						407	75.0	99.0	0.0	99.0	60.0	38.0
						Mean =	75.0	99.0	0.0	99.0	56.3	40.0
3 WARRANT	3 CS	64.0 oz/a	PRE	A		103	65.0	99.0	0.0	99.0	50.0	39.0
						210	75.0	99.0	0.0	99.0	65.0	40.0
						305	75.0	99.0	0.0	99.0	65.0	39.0
						406	85.0	99.0	0.0	99.0	65.0	37.0
						Mean =	75.0	99.0	0.0	99.0	61.3	38.8
4 WARRANT	3 CS	48.0 oz/a	PRE	A		104	65.0	99.0	0.0	99.0	50.0	39.0
ATRAZINE	4 L	24.0 oz/a	PRE	A		203	30.0	99.0	0.0	99.0	40.0	36.0
						301	65.0	99.0	0.0	99.0	50.0	40.0
						402	60.0	99.0	0.0	99.0	30.0	41.0
						Mean =	55.0	99.0	0.0	99.0	42.5	39.0
5 WARRANT	3 CS	56.0 oz/a	PRE	A		105	99.0	99.0	0.0	99.0	65.0	38.0
ATRAZINE	4 L	24.0 oz/a	PRE	A		206	85.0	99.0	0.0	99.0	70.0	40.0
						304	75.0	99.0	0.0	99.0	65.0	41.0
						405	85.0	99.0	0.0	99.0	65.0	39.0
						Mean =	86.0	99.0	0.0	99.0	66.3	39.5
6 WARRANT	3 CS	64.0 oz/a	PRE	A		106	99.0	99.0	0.0	99.0	65.0	38.0
ATRAZINE	4 L	24.0 oz/a	PRE	A		208	85.0	99.0	0.0	99.0	70.0	36.0
						310	75.0	99.0	0.0	99.0	65.0	40.0
						409	65.0	99.0	0.0	99.0	60.0	37.0
						Mean =	81.0	99.0	0.0	99.0	65.0	37.8
7 HARNESS	7 EC	24.0 oz/a	PRE	A		107	99.0	99.0	20.0	99.0	65.0	36.0
						204	85.0	99.0	0.0	90.0	50.0	37.0
						307	85.0	99.0	20.0	90.0	65.0	36.0
						404	85.0	99.0	10.0	99.0	65.0	37.0
						Mean =	88.5	99.0	12.5	94.5	61.3	36.5
8 DUAL II MAGNUM	7.62 EC	21.0 oz/a	PRE	A		108	85.0	99.0	0.0	90.0	65.0	36.0
						207	85.0	99.0	10.0	90.0	75.0	37.0
						303	65.0	99.0	0.0	85.0	50.0	34.0
						401	75.0	99.0	0.0	65.0	65.0	35.0
						Mean =	77.5	99.0	2.5	82.5	63.8	35.5
9 ZIDUA	85 WG	1.5 oz/a	PRE	A		109	85.0	65.0	5.0	50.0	60.0	36.0
						201	75.0	99.0	10.0	60.0	60.0	38.0
						309	85.0	90.0	10.0	65.0	65.0	31.0
						408	85.0	75.0	15.0	75.0	60.0	31.0
						Mean =	82.5	82.3	10.0	62.5	61.3	34.0
10 NTC						110	0.0	0.0	0.0	0.0	0.0	33.0
						202	0.0	0.0	0.0	0.0	0.0	36.0
						306	0.0	0.0	0.0	0.0	0.0	30.0
						410	0.0	0.0	0.0	0.0	0.0	34.0
						Mean =	0.0	0.0	0.0	0.0	0.0	33.3

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Weed Code	-----					
Crop Code	ZEAMA					
Part Rated	PLOT -					
Rating Data Type	YIELD					
Rating Unit	BU/A					
Rating Date	Aug-12-14					
Trt-Eval Interval	139 DA-A					
PRM Data Type	TY1					
# Subsamples, Dec.	- 0					
Trt Treatment	Form Form	Rate Grow	Appl			
No. Name	Conc Type	Rate Unit	Stg	Code Plot	13	
1 WARRANT	3 CS	48.0 oz/a	PRE	A	101	198
					209	188
					308	173
					403	183
					Mean =	186
2 WARRANT	3 CS	56.0 oz/a	PRE	A	102	208
					205	193
					302	203
					407	188
					Mean =	198
3 WARRANT	3 CS	64.0 oz/a	PRE	A	103	193
					210	198
					305	193
					406	183
					Mean =	192
4 WARRANT	3 CS	48.0 oz/a	PRE	A	104	193
ATRAZINE	4 L	24.0 oz/a	PRE	A	203	178
					301	198
					402	203
					Mean =	193
5 WARRANT	3 CS	56.0 oz/a	PRE	A	105	188
ATRAZINE	4 L	24.0 oz/a	PRE	A	206	198
					304	203
					405	193
					Mean =	196
6 WARRANT	3 CS	64.0 oz/a	PRE	A	106	188
ATRAZINE	4 L	24.0 oz/a	PRE	A	208	178
					310	198
					409	183
					Mean =	187
7 HARNESS	7 EC	24.0 oz/a	PRE	A	107	178
					204	183
					307	178
					404	183
					Mean =	181
8 DUAL II MAGNUM	7.62 EC	21.0 oz/a	PRE	A	108	178
					207	183
					303	168
					401	173
					Mean =	176
9 ZIDUA	85 WG	1.5 oz/a	PRE	A	109	178
					201	188
					309	154
					408	154
					Mean =	168
10 NTC					110	163
					202	178
					306	149
					410	168
					Mean =	165

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WARRANT PRE IN FIELD CORN

Trial ID: CN-13-14 Study Dir.: MARK BRAXTON (2014-01-24-09)
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

LAMAM = HENBIT / LAMIUM AMPLEXICAULE L.

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

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

PRM Data Type

TY1 = 4.952511*[12]