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WEED CONTROL IN FIELD CORN (MONSANTO PROGRAMS)	
Trial ID: CN-07-18	Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)
Location: PONDER FARM	Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	Spray Volume	Amt to Measure	Rep 1	Rep 2	Rep 3
1	TRIPLE FLEX II	4.25	EC	1.06	lb ai/a	PRE	A	15 GPA	24.94 mL/mx	101	208	310
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	15 GAL/AC	31.17 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
2	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	15 GPA	43.75 mL/mx	102	219	302
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	15 GAL/AC	31.17 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
3	HARNESS XTRA	6	SC	2.25	lb ai/a	PRE	A	15 GPA	37.5 mL/mx	103	210	319
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	15 GAL/AC	31.17 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
4	DEGREE XTRA	4.04	CS	2.27	lb ai/a	PRE	A	15 GPA	56.18 mL/mx	104	213	309
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	15 GAL/AC	31.17 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
5	HARNESS MAX	3.85	SC	1.93	lb ai/a	PRE	A	15 GPA	50.12 mL/mx	105	204	312
	ATRAZINE	4	F	1.0	lb ai/a	PRE	A	15 GPA	25.0 mL/mx			
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	15 GAL/AC	12.5 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	INTACT			0.5	% v/v	POST	C	15 GAL/AC	7.499 mL/mx			
6	HARNESS MAX	3.85	SC	2.26	lb ai/a	PRE	A	15 GPA	58.69 mL/mx	106	217	308
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	15 GPA	25.0 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
7	ACURON	3.44	EC	1.29	lb ai/a	PRE	A	15 GPA	37.5 mL/mx	107	203	313
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	15 GAL/AC	45.1 mL/mx			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
8	BICEP II MAGNUM	5.5	EC	2.4	lb ai/a	PRE	A	15 GPA	43.63 mL/mx	108	206	305
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	15 GAL/AC	45.1 mL/mx			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
9	LEXAR EZ	3.70	SC	1.39	lb ai/a	PRE	A	15 GPA	37.56 mL/mx	109	218	311
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	15 GAL/AC	45.1 mL/mx			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
10	KEYSTONE NXT	5.6	SL	2.45	lb ai/a	PRE	A	15 GPA	43.75 mL/mx	110	214	303
	RESICORE	3.35	EC	1.05	lb ai/a	POST	C	15 GAL/AC	31.34 mL/mx			
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	15 GAL/AC	28.25 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
11	SURESTART II	4.25	EC	1.06	lb ai/a	PRE	A	15 GPA	24.94 mL/mx	111	207	301
	RESICORE	3.35	EC	2.1	lb ai/a	POST	C	15 GAL/AC	62.68 mL/mx			
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	15 GAL/AC	28.25 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
12	RESICORE	3.35	EC	2.1	lb ai/a	PRE	A	15 GPA	62.68 mL/mx	112	216	315
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	15 GPA	25.0 mL/mx			
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	15 GAL/AC	28.25 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			
13	ARMEZON PRO	5.35	EC	0.84	lb ai/a	PRE	A	15 GPA	15.7 mL/mx	113	215	304
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	15 GPA	25.0 mL/mx			
	STATUS	61.1	DG	0.19	lb ai/a	POST	C	15 GAL/AC	3.726 g/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx			

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Reps: 3

Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Form		Rate Unit	Grow Stg	Appl Code	Spray Volume	Amt Product to Measure	Rep		
		Conc	Type						1	2	3
14	HARNESS XTRA	5.6	L	2.45 lb ai/a	PRE	A	15 GPA	43.75 mL/mx	114	220	307
	BALANCE FLEXX	2	SC	0.156 lb ai/a	PRE	A	15 GPA	7.799 mL/mx			
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C	15 GAL/AC	12.5 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			0.25 % v/v	POST	C	15 GAL/AC	3.75 mL/mx			
15	CORVUS	2.63	SC	0.115 lb ai/a	PRE	A	15 GPA	4.372 mL/mx	115	202	317
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A	15 GPA	25.0 mL/mx			
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C	15 GAL/AC	12.5 mL/mx			
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	15 GAL/AC	25.11 mL/mx			
	N-PAK AMS			0.25 % v/v	POST	C	15 GAL/AC	3.75 mL/mx			
16	ROUNDUP POWERMAX	5.5	SL	32.0 oz/a	EPOST	B	15 GPA	25.0 mL/mx	116	212	316
	ATRAZINE	4	L	64.0 oz/a	EPOST	B	15 GPA	49.99 mL/mx			
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B	15 GPA	25.0 mL/mx			
17	LIBERTY	2.34	SL	32.0 oz/a	EPOST	B	15 GPA	25.0 mL/mx	117	209	314
	ATRAZINE	4	L	64.0 oz/a	EPOST	B	15 GPA	49.99 mL/mx			
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B	15 GPA	25.0 mL/mx			
18	WARRANT	3	ME	48.0 oz/a	PRE	A	15 GPA	37.5 mL/mx	118	205	320
	LAUDIS	3.5	SC	3.0 oz/a	POST	C	15 GAL/AC	2.343 mL/mx			
	ATRAZINE	4	L	64.0 oz/a	POST	C	15 GAL/AC	49.99 mL/mx			
	COC			1.0 % v/v	POST	C	15 GAL/AC	15.0 mL/mx			
19	NTC								119	211	306
20	NTC								120	201	318

Sort Order: Treatment

Trial Comments

TRIPLE FLEX II = ACETOCHLOR (3.75 LBS) + FLUMETSULAM (0.12 LBS) + CLOPYRALID (0.38 LBS)
 HARNESS MAX = ACETOCHLOR (3.52 LBS) + MESOTRIONE (0.33 LBS)
 HARNESS XTRA 6SE = ACETOCHLOR (4.3 LBS) + ATRAZINE (1.7 LBS)
 HARNESS XTRA 5.6L = ACETOCHLOR (3.1 LBS) + ATRAZINE (2.5 LBS)
 DEGREE XTRA = ACETOCHLOR (2.7 LBS) + ATRAZINE (1.34 LBS)
 ACURON = ATRAZINE (1.0 LBS) + MESOTRIONE (0.24 LBS) + S-METOLACHLOR (2.14 LBS) + BYCYCLOPYRONE (0.06 LBS)
 HALEX GT = GLYPHOSATE (2.09 LBS) + S-METOLACHLOR (2.09 LBS) + MESOTRIONE (0.209 LBS)
 BICEP II MAGNUM = ATRAZINE (3.1 LBS) + S-METOLACHLOR (2.4 LBS)
 LEXAR EZ = S-METOLACHLOR (1.74 LBS) + MESOTRIONE (0.224 LBS) + ATRAZINE (1.74 LBS)
 KEYSTONE NXT = ACETOCHLOR (3.1 LBS) + ATRAZINE (2.5 LBS)
 RESICORE = ACETOCHLOR (2.8 LBS) + MESOTRIONE (0.30 LBS) + CLOPYRALID (0.19 LBS)
 SURESTART II = ACETOCHLOR (3.75 LBS) + CLOPYRALID (0.38 LBS) + FLUMETSULAM (0.12 LBS)
 ARMEZON PRO = TOPRAMEZONE (0.1 LBS) + DIMETHENAMID-P (5.25 LBS)
 STATUS = DICAMBA-NA (44%) + DIFLUFENZOPYR (17.1%) + ISOXADIFEN
 BALANCE FLEXX = ISOXAFLUTOLE (2 LBS)+ CYPROSULFAMIDE
 CORVUS = ISOXAFLUTOLE (1.88 LBS) + THIENCARBAZONE (0.75) + CYPROSULFAMIDE
 DIFLEXX = DICAMBA-DGA + CYPROSULFAMIDE

NIS = INDUCE
 COC = AGRIDEX

HARVEST MOISTURE: 15.35%
 YIELDS ADJUSTED TO 15.5%

SUMMARY:

- 1) NO PRE HERBICIDE TREATMENT CAUSED SIGNIFICANT CORN STUNTING.
- 2) POST HERBICIDES THAT INCREASED CORN STUNTING TO 15% OR GREATER INCLUDED THE FOLLOWING:
 HARNESS MAX + ROUNDUP P-MAX, RESICORE + DURANGO , STATUS + ROUNDUP P-MAX, AND DIFLEXX + ROUNDUP P-MAX.
- 2) ANNUAL GRASS CONTROL WITH ALL PRE TREATMENTS EXCEEDED 80% EXCEPT FOR LEXAR EZ AND WARRANT (72-75% CONTROL).
- 3) ALL PRE TREATMENTS PROVIDED EXCELLENT CONTROL OF PALMER AMARANTH (99% CONTROL).

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4) ON JUNE 15 (79 DAP), ALL TREATMENTS PROVIDED AT LEAST 96% CONTROL OF PALMER AMARANTH.

5) ANNUAL GRASS CONTROL ON JUNE 15 (79 DAP) EXCEEDED 81% WITH ALL TREATMENTS EXCEPT FOR THE FOLLOWING:

HARNESS MAX + ATRAZINE - PRE FB DIFLEXX + ROUNDUP P-MAX - POST = 75% CONTROL

HARNESS MAX + ATRAZINE - PRE FB ROUNDUP P-MAX - POST = 70% CONTROL

RESICORE + ATRAZINE - PRE FB DURANGO - POST = 65% CONTROL

ARMEZON PRO + ATRAZINE - PRE FB STATUS + ROUNDUP P-MAX - POST = 65% CONTROL

HARNESS XTRA + BALANCE FLEXX - PRE FB DIFLEXX + ROUNDUP P-MAX - POST = 70% CONTROL

CORVUS + ATRAZINE - PRE FB DIFLEXX + ROUNDUP P-MAX - POST = 68% CONTROL

WARRANT - PRE FB LAUDIS + ATRAZINE - POST = 53% CONTROL.

6) NO SIGNIFICANT YIELD EFFECTS WERE OBSERVED ($P=0.2332$, $CV = 9.96$). HOWEVER, PLOTS TREATED WITH CORVUS + ATRAZINE-PRE FB DIFLEXX + ROUNDUP P-MAX-POST HAD LOWER YIELDS (194 BU/A) WHEN COMPARED TO THE WHOLE TEST AVERAGE (232 BU/A) AND THE NTC AVERAGE (209 BU/A).

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WEED CONTROL IN FIELD CORN
(MONSANTO PROGRAMS)
Trial ID: CN-07-18 Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: 2018-01-24-13 (BRAXTON + PERKI) **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. AMAPA PALMER AMARANTH **2.** AGRASS TPAN/CRAB/GOOSE/CROW

Crop 1: ZEAMA FIELD CORN **Variety:** DKC 62-08 **Planting Date:** Mar-28-18
Planting Method: MONOSEM **Rate:** 363000 SEED/A **Depth:** 1.75 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: _____

Previous: Crops	Pesticides	Year
1. PEANUT	2017	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.62 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2
pH: 6.3 **CEC:** 2.9 **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	Mar-29-18	0.4	IN	SPRINKLER - LATERAL MOVE	_____	_____
2.	Mar-30-18	1.03	IN	RAINFALL	_____	_____
3.	Apr-4-18	0.03	IN	RAINFALL	_____	_____
4.	Apr-5-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
5.	Apr-7-18	0.36	IN	RAINFALL	_____	_____
6.	Apr-12-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
7.	Apr-15-18	1.0	IN	RAINFALL	_____	_____
8.	Apr-22-18	0.33	IN	RAINFALL	_____	_____
9.	Apr-23-18	1.18	IN	RAINFALL	_____	_____
10.	Apr-27-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
11.	May-4-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
12.	May-7-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
13.	May-9-18	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

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

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APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	Mar-29-18	Apr-18-18	May-3-18	_____	_____	_____
Time of Day:	7:30 AM	8:00 AM	7:45 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	PRE	EPOST	POST	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	56 F	55 F	59 F	_____	_____	_____
% Relative Humidity:	95	93	95	_____	_____	_____
Wind Velocity, Unit:	0 MPH	0 MPH	1 MPH	_____	_____	_____
Dew Presence (Y/N):	Y	Y	Y	_____	_____	_____
Water Hardness:	--	--	--	_____	_____	_____
Soil Temp., Unit:	59 F	59 F	68 F	_____	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	_____	_____	_____
% Cloud Cover:	10	0	0	_____	_____	_____

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage: ZEAMA	_____	_____	_____	_____	_____	_____
Stage Scale:	_____	V3	V7	_____	_____	_____
Height, Unit:	_____	4 IN	13 IN	_____	_____	_____

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

APPLICATION EQUIPMENT						
	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	SAME AS B	_____	_____	_____
Operating Pressure:	27	43	_____	_____	_____	_____
Nozzle Type:	AIXR	AIXR	_____	_____	_____	_____
Nozzle Size:	11002	11002	_____	_____	_____	_____
Nozzle Spacing, Unit:	15	IN 20	IN	_____	_____	_____
Nozzles/Row:	2	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN 60	IN	_____	_____	_____
Boom Height, Unit:	20	IN 20	IN	_____	_____	_____
Ground Speed, Unit:	3.5	MPH 3.5	MPH	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____
Carrier:	WATER	WATER	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA 15	GPA	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____
Propellant:	CO2	CO2	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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WEED CONTROL IN FIELD CORN (MONSANTO PROGRAMS)													
Trial ID: CN-07-18							Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)						
Location: PONDER FARM							Investigator: Eric P. Prostko						
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ZEAMA CROP - STUNTING PERCENT Apr-10-18	AMAPA ----- CONTROL PERCENT Apr-10-18	AGRASS ----- CONTROL PERCENT Apr-10-18	----- ZEAMA CROP - STUNTING PERCENT Apr-24-18	AGRASS ----- CONTROL PERCENT Apr-24-18	AMAPA ----- CONTROL PERCENT Apr-24-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	TRIPLE FLEX II	4.25	EC	1.06	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	28.3 ab	83.0 abc	99.0 a
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
2	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	8.3 d	86.7 abc	99.0 a
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
3	HARNESS XTRA	6	SC	2.25	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	10.0 cd	90.0 ab	99.0 a
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
4	DEGREE XTRA	4.04	CS	2.27	lb ai/a	PRE	A	0.0 a	99.0 a	81.7 a	11.7 bcd	91.7 ab	99.0 a
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
5	HARNESS MAX	3.85	SC	1.93	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	13.3 bcd	99.0 a	99.0 a
	ATRAZINE	4	F	1.0	lb ai/a	PRE	A						
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	INTACT			0.5	% v/v	POST	C						
6	HARNESS MAX	3.85	SC	2.26	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	11.7 bcd	97.7 a	99.0 a
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
7	ACURON	3.44	EC	1.29	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	6.7 d	99.0 a	99.0 a
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C						
	NIS			0.25	% v/v	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
8	BICEP II MAGNUM	5.5	EC	2.4	lb ai/a	PRE	A	0.0 a	99.0 a	90.0 a	3.3 d	95.0 a	99.0 a
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C						
	NIS			0.25	% v/v	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
9	LEXAR EZ	3.70	SC	1.39	lb ai/a	PRE	A	0.0 a	99.0 a	75.0 a	6.7 d	83.3 abc	99.0 a
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C						
	NIS			0.25	% v/v	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
10	KEYSTONE NXT	5.6	SL	2.45	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	15.0 bcd	93.0 a	99.0 a
	RESICORE	3.35	EC	1.05	lb ai/a	POST	C						
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
11	SURESTART II	4.25	EC	1.06	lb ai/a	PRE	A	0.0 a	99.0 a	91.7 a	26.7 abc	68.3 c	99.0 a
	RESICORE	3.35	EC	2.1	lb ai/a	POST	C						
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
12	RESICORE	3.35	EC	2.1	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	8.3 d	99.0 a	99.0 a
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A						
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						
13	ARMEZON PRO	5.35	EC	0.84	lb ai/a	PRE	A	0.0 a	99.0 a	95.0 a	15.0 bcd	97.7 a	99.0 a
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A						
	STATUS	61.1	DG	0.19	lb ai/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	N-PAK AMS			2.5	% v/v	POST	C						

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2,6,8 because error mean square = 0.

University of Georgia

Weed Code						-----	AMAPA	AGRASS	-----	AGRASS	AMAPA	
Crop Code						ZEAMA	-----	-----	ZEAMA	-----	-----	
Part Rated						CROP -			CROP -			
Rating Data Type						STUNTING	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						Apr-10-18	Apr-10-18	Apr-10-18	Apr-24-18	Apr-24-18	Apr-24-18	
PRM Data Type												
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
14	HARNESS XTRA	5.6	L	2.45 lb ai/a	PRE	A	0.0 a	99.0 a	91.7 a	13.3 bcd	96.0 a	99.0 a
	BALANCE FLEXX	2	SC	0.156 lb ai/a	PRE	A						
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C						
	N-PAK AMS			0.25 % v/v	POST	C						
15	CORVUS	2.63	SC	0.115 lb ai/a	PRE	A	0.0 a	99.0 a	91.7 a	40.0 a	99.0 a	99.0 a
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A						
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C						
	N-PAK AMS			0.25 % v/v	POST	C						
16	ROUNDUP POWERMAX	5.5	SL	32.0 oz/a	EPOST	B	0.0 a	0.0 b	0.0 b	6.7 d	89.7 ab	99.0 a
	ATRAZINE	4	L	64.0 oz/a	EPOST	B						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B						
17	LIBERTY	2.34	SL	32.0 oz/a	EPOST	B	0.0 a	0.0 b	0.0 b	5.0 d	97.7 a	99.0 a
	ATRAZINE	4	L	64.0 oz/a	EPOST	B						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B						
18	WARRANT	3	ME	48.0 oz/a	PRE	A	0.0 a	99.0 a	71.7 a	3.3 d	71.7 bc	99.0 a
	LAUDIS	3.5	SC	3.0 oz/a	POST	C						
	ATRAZINE	4	L	64.0 oz/a	POST	C						
	COC			1.0 % v/v	POST	C						
19	NTC						0.0 a	0.0 b	0.0 b	0.0 d	0.0 d	0.0 b
20	NTC						0.0 a	0.0 b	0.0 b	0.0 d	0.0 d	0.0 b
Tukey's HSD P=.10							.	.	25.00	18.32	20.21	.
Standard Deviation							0.00	0.00	8.72	6.39	7.05	0.00
CV							0.0	0.0	12.05	54.8	8.62	0.0
Grand Mean							0.00	79.20	72.42	11.67	81.87	89.10
Levene's F							0.00	0.00	1.865	0.518	1.218	0.00
Levene's Prob(F)							0.00*	0.00*	0.048*	0.937	0.292	0.00*
Replicate F							0.000	0.000	1.254	1.998	1.480	0.000
Replicate Prob(F)							1.0000	1.0000	0.2970	0.1496	0.2406	1.0000
Treatment F							0.000	0.000	56.174	7.296	51.916	0.000
Treatment Prob(F)							1.0000	1.0000	0.0001	0.0001	0.0001	1.0000

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2,6,8 because error mean square = 0.

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							----- ZEAMA CROP - STUNTING PERCENT May-15-18	AMAPA ----- CONTROL PERCENT May-15-18	AGRASS ----- CONTROL PERCENT May-15-18	AMAPA ----- CONTROL PERCENT Jun-15-18	AGRASS ----- CONTROL PERCENT Jun-15-18	----- ZEAMA PLOT - YIELD LBS/PLOT Sep-6-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	TRIPLE FLEX II HARNES MAX ROUNDUP POWERMAX N-PAK AMS	4.25 3.85 4.5	EC SC SL	1.06 lb ai/a 1.20 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	18.3 ab	99.0 a	97.7 a	99.0 a	91.7 a	46.3 a
2	HARNES XTRA HARNES MAX ROUNDUP POWERMAX N-PAK AMS	5.6 3.85 4.5	L SC SL	2.45 lb ai/a 1.20 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	5.0 bc	99.0 a	99.0 a	99.0 a	90.0 ab	45.3 a
3	HARNES XTRA HARNES MAX ROUNDUP POWERMAX N-PAK AMS	6 3.85 4.5	SC SC SL	2.25 lb ai/a 1.20 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	8.3 bc	99.0 a	97.7 a	99.0 a	95.0 a	43.0 a
4	DEGREE XTRA HARNES MAX ROUNDUP POWERMAX N-PAK AMS	4.04 3.85 4.5	CS SC SL	2.27 lb ai/a 1.20 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	5.0 bc	99.0 a	99.0 a	99.0 a	96.3 a	45.7 a
5	HARNES MAX ATRAZINE DIFLEXX ROUNDUP POWERMAX INTACT	3.85 4 4 4.5	SC F SC SL	1.93 lb ai/a 1.0 lb ai/a 0.5 lb ae/a 1.13 lb ae/a 0.5 % v/v	PRE PRE POST POST POST	A A C C C	1.7 c	99.0 a	95.0 a	99.0 a	75.0 ab	45.0 a
6	HARNES MAX ATRAZINE ROUNDUP POWERMAX N-PAK AMS	3.85 4 4.5	SC L SL	2.26 lb ai/a 1.0 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE PRE POST POST	A A C C	8.3 bc	99.0 a	88.3 ab	96.0 a	70.0 ab	46.3 a
7	ACURON HALEX GT NIS N-PAK AMS	3.44 4.39	EC SL	1.29 lb ai/a 1.98 lb ai/a 0.25 % v/v 2.5 % v/v	PRE POST POST POST	A C C C	0.0 c	99.0 a	97.7 a	99.0 a	93.0 a	44.7 a
8	BICEP II MAGNUM HALEX GT NIS N-PAK AMS	5.5 4.39	EC SL	2.4 lb ai/a 1.98 lb ai/a 0.25 % v/v 2.5 % v/v	PRE POST POST POST	A C C C	3.3 bc	99.0 a	95.0 a	99.0 a	85.0 ab	46.0 a
9	LEXAR EZ HALEX GT NIS N-PAK AMS	3.70 4.39	SC SL	1.39 lb ai/a 1.98 lb ai/a 0.25 % v/v 2.5 % v/v	PRE POST POST POST	A C C C	3.3 bc	99.0 a	99.0 a	99.0 a	88.3 ab	46.7 a
10	KEYSTONE NXT RESICORE DURANGO DMA N-PAK AMS	5.6 3.35 4	SL EC SL	2.45 lb ai/a 1.05 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	6.7 bc	99.0 a	96.3 a	99.0 a	90.0 ab	46.7 a
11	SURESTART II RESICORE DURANGO DMA N-PAK AMS	4.25 3.35 4	EC EC SL	1.06 lb ai/a 2.1 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE POST POST POST	A C C C	18.3 ab	99.0 a	99.0 a	99.0 a	81.7 ab	45.7 a
12	RESICORE ATRAZINE DURANGO DMA N-PAK AMS	3.35 4 4	EC L SL	2.1 lb ai/a 1.0 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE PRE POST POST	A A C C	3.3 bc	99.0 a	97.7 a	99.0 a	65.0 ab	47.7 a
13	ARMEZON PRO ATRAZINE STATUS ROUNDUP POWERMAX N-PAK AMS	5.35 4 61.1 4.5	EC L DG SL	0.84 lb ai/a 1.0 lb ai/a 0.19 lb ai/a 1.13 lb ae/a 2.5 % v/v	PRE PRE POST POST POST	A A C C C	13.3 bc	99.0 a	93.0 a	99.0 a	65.0 ab	47.0 a

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2,6,8 because error mean square = 0.

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ZEAMA CROP - STUNTING PERCENT May-15-18	AMAPA ----- CONTROL PERCENT May-15-18	AGRASS ----- CONTROL PERCENT May-15-18	AMAPA ----- CONTROL PERCENT Jun-15-18	AGRASS ----- CONTROL PERCENT Jun-15-18	----- ZEAMA PLOT - YIELD LBS/PLOT Sep-6-18	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
14	HARNESS XTRA	5.6	L	2.45 lb ai/a	PRE	A	6.7 bc	99.0 a	97.7 a	96.0 a	70.0 ab	42.0 a
	BALANCE FLEXX	2	SC	0.156 lb ai/a	PRE	A						
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C						
	N-PAK AMS			0.25 % v/v	POST	C						
15	CORVUS	2.63	SC	0.115 lb ai/a	PRE	A	33.3 a	99.0 a	97.7 a	99.0 a	68.3 ab	37.3 a
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A						
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C						
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C						
	N-PAK AMS			0.25 % v/v	POST	C						
16	ROUNDUP POWERMAX	5.5	SL	32.0 oz/a	EPOST	B	6.7 bc	99.0 a	96.3 a	97.7 a	84.7 ab	47.7 a
	ATRAZINE	4	L	64.0 oz/a	EPOST	B						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B						
17	LIBERTY	2.34	SL	32.0 oz/a	EPOST	B	0.0 c	99.0 a	96.3 a	97.7 a	90.0 ab	46.0 a
	ATRAZINE	4	L	64.0 oz/a	EPOST	B						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B						
18	WARRANT	3	ME	48.0 oz/a	PRE	A	0.0 c	99.0 a	75.0 b	99.0 a	53.3 b	43.7 a
	LAUDIS	3.5	SC	3.0 oz/a	POST	C						
	ATRAZINE	4	L	64.0 oz/a	POST	C						
	COC			1.0 % v/v	POST	C						
19	NTC						0.0 c	0.0 b	0.0 c	0.0 b	0.0 c	37.3 a
20	NTC						0.0 c	0.0 b	0.0 c	0.0 b	0.0 c	43.0 a
Tukey's HSD P=.10							15.97	.	14.73	5.14	37.02	12.75
Standard Deviation							5.57	0.00	5.14	1.79	12.92	4.45
CV							78.7	0.0	5.99	2.02	17.79	9.96
Grand Mean							7.08	89.10	85.87	88.67	72.62	44.65
Levene's F							0.553	0.00	0.741	0.869	1.326	0.218
Levene's Prob(F)							0.917	0.00*	0.756	0.619	0.221	1.00
Replicate F							4.599	0.000	0.231	1.126	1.276	3.192
Replicate Prob(F)							0.0163	1.0000	0.7945	0.3350	0.2910	0.0523
Treatment F							6.687	0.000	101.204	859.361	13.667	1.311
Treatment Prob(F)							0.0001	1.0000	0.0001	0.0001	0.0001	0.2332

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2,6,8 because error mean square = 0.

University of Georgia

Weed Code							-----
Crop Code							ZEAMA
Part Rated							PLOT -
Rating Data Type							YIELD
Rating Unit							BU/A
Rating Date							Sep-6-18
PRM Data Type							TY1
# Subsamples, Dec.							- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	
							13
1	TRIPLE FLEX II	4.25	EC	1.06 lb ai/a	PRE	A	241 a
	HARNESS MAX	3.85	SC	1.20 lb ai/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
2	HARNESS XTRA	5.6	L	2.45 lb ai/a	PRE	A	236 a
	HARNESS MAX	3.85	SC	1.20 lb ai/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
3	HARNESS XTRA	6	SC	2.25 lb ai/a	PRE	A	223 a
	HARNESS MAX	3.85	SC	1.20 lb ai/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
4	DEGREE XTRA	4.04	CS	2.27 lb ai/a	PRE	A	237 a
	HARNESS MAX	3.85	SC	1.20 lb ai/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
5	HARNESS MAX	3.85	SC	1.93 lb ai/a	PRE	A	234 a
	ATRAZINE	4	F	1.0 lb ai/a	PRE	A	
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	INTACT			0.5 % v/v	POST	C	
6	HARNESS MAX	3.85	SC	2.26 lb ai/a	PRE	A	241 a
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
7	ACURON	3.44	EC	1.29 lb ai/a	PRE	A	232 a
	HALEX GT	4.39	SL	1.98 lb ai/a	POST	C	
	NIS			0.25 % v/v	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
8	BICEP II MAGNUM	5.5	EC	2.4 lb ai/a	PRE	A	239 a
	HALEX GT	4.39	SL	1.98 lb ai/a	POST	C	
	NIS			0.25 % v/v	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
9	LEXAR EZ	3.70	SC	1.39 lb ai/a	PRE	A	242 a
	HALEX GT	4.39	SL	1.98 lb ai/a	POST	C	
	NIS			0.25 % v/v	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
10	KEYSTONE NXT	5.6	SL	2.45 lb ai/a	PRE	A	242 a
	RESICORE	3.35	EC	1.05 lb ai/a	POST	C	
	DURANGO DMA	4	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
11	SURESTART II	4.25	EC	1.06 lb ai/a	PRE	A	237 a
	RESICORE	3.35	EC	2.1 lb ai/a	POST	C	
	DURANGO DMA	4	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
12	RESICORE	3.35	EC	2.1 lb ai/a	PRE	A	248 a
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A	
	DURANGO DMA	4	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	
13	ARMEZON PRO	5.35	EC	0.84 lb ai/a	PRE	A	244 a
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A	
	STATUS	61.1	DG	0.19 lb ai/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C	
	N-PAK AMS			2.5 % v/v	POST	C	

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2,6,8 because error mean square = 0.

University of Georgia

Weed Code						-----		
Crop Code						ZEAMA		
Part Rated						PLOT -		
Rating Data Type						YIELD		
Rating Unit						BU/A		
Rating Date						Sep-6-18		
PRM Data Type						TY1		
# Subsamples, Dec.						- 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	13
14	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	218 a
	BALANCE FLEXX	2	SC	0.156	lb ai/a	PRE	A	
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	
	N-PAK AMS			0.25	% v/v	POST	C	
15	CORVUS	2.63	SC	0.115	lb ai/a	PRE	A	194 a
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	
	N-PAK AMS			0.25	% v/v	POST	C	
16	ROUNDUP POWERMAX	5.5	SL	32.0	oz/a	EPOST	B	248 a
	ATRAZINE	4	L	64.0	oz/a	EPOST	B	
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	
17	LIBERTY	2.34	SL	32.0	oz/a	EPOST	B	239 a
	ATRAZINE	4	L	64.0	oz/a	EPOST	B	
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	
18	WARRANT	3	ME	48.0	oz/a	PRE	A	227 a
	LAUDIS	3.5	SC	3.0	oz/a	POST	C	
	ATRAZINE	4	L	64.0	oz/a	POST	C	
	COC			1.0	% v/v	POST	C	
19	NTC							194 a
20	NTC							223 a
Tukey's HSD P=.10								66.2
Standard Deviation								23.1
CV								9.96
Grand Mean								232.0
Levene's F								0.218
Levene's Prob(F)								1.00
Replicate F								3.192
Replicate Prob(F)								0.0523
Treatment F								1.311
Treatment Prob(F)								0.2332

University of Georgia

WEED CONTROL IN FIELD CORN
(MONSANTO PROGRAMS)
Trial ID: CN-07-18 Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
PRM Data Type
TY1 = 5.19492*[C12]

University of Georgia

WEED CONTROL IN FIELD CORN
(MONSANTO PROGRAMS)
Trial ID: CN-07-18 Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)
Location: PONDER FARM Investigator: Eric P. Prostko

							----- ZEAMA CROP - STUNTING PERCENT Apr-10-18	AMAPA ----- CONTROL PERCENT Apr-10-18	AGRASS ----- CONTROL PERCENT Apr-10-18	----- ZEAMA CROP - STUNTING PERCENT Apr-24-18	AGRASS ----- CONTROL PERCENT Apr-24-18		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5
1	TRIPLE FLEX II	4.25	EC	1.06	lb ai/a	PRE	A	101	0.0	99.0	95.0	20.0	99.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	208	0.0	99.0	95.0	30.0	65.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	310	0.0	99.0	95.0	35.0	85.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	28.3	83.0	
2	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	102	0.0	99.0	95.0	10.0	95.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	219	0.0	99.0	95.0	15.0	80.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	302	0.0	99.0	95.0	0.0	85.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	8.3	86.7	
3	HARNESS XTRA	6	SC	2.25	lb ai/a	PRE	A	103	0.0	99.0	95.0	10.0	95.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	210	0.0	99.0	95.0	10.0	85.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	319	0.0	99.0	95.0	10.0	90.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	10.0	90.0	
4	DEGREE XTRA	4.04	CS	2.27	lb ai/a	PRE	A	104	0.0	99.0	75.0	10.0	85.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	213	0.0	99.0	85.0	15.0	95.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	309	0.0	99.0	85.0	10.0	95.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	81.7	11.7	91.7	
5	HARNESS MAX	3.85	SC	1.93	lb ai/a	PRE	A	105	0.0	99.0	95.0	10.0	99.0
	ATRAZINE	4	F	1.0	lb ai/a	PRE	A	204	0.0	99.0	95.0	10.0	99.0
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	312	0.0	99.0	95.0	20.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	INTACT			0.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	13.3	99.0	
6	HARNESS MAX	3.85	SC	2.26	lb ai/a	PRE	A	106	0.0	99.0	95.0	10.0	99.0
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	217	0.0	99.0	95.0	5.0	95.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	308	0.0	99.0	95.0	20.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	11.7	97.7	
7	ACURON	3.44	EC	1.29	lb ai/a	PRE	A	107	0.0	99.0	95.0	0.0	99.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	203	0.0	99.0	95.0	10.0	99.0
	NIS			0.25	% v/v	POST	C	313	0.0	99.0	95.0	10.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	6.7	99.0	
8	BICEP II MAGNUM	5.5	EC	2.4	lb ai/a	PRE	A	108	0.0	99.0	95.0	0.0	95.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	206	0.0	99.0	95.0	10.0	95.0
	NIS			0.25	% v/v	POST	C	305	0.0	99.0	80.0	0.0	95.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	90.0	3.3	95.0	
9	LEXAR EZ	3.70	SC	1.39	lb ai/a	PRE	A	109	0.0	99.0	80.0	10.0	85.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	218	0.0	99.0	50.0	0.0	75.0
	NIS			0.25	% v/v	POST	C	311	0.0	99.0	95.0	10.0	90.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	75.0	6.7	83.3	
10	KEYSTONE NXT	5.6	SL	2.45	lb ai/a	PRE	A	110	0.0	99.0	95.0	15.0	99.0
	RESICORE	3.35	EC	1.05	lb ai/a	POST	C	214	0.0	99.0	95.0	20.0	95.0
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	303	0.0	99.0	95.0	10.0	85.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	95.0	15.0	93.0	
11	SURESTART II	4.25	EC	1.06	lb ai/a	PRE	A	111	0.0	99.0	95.0	35.0	75.0
	RESICORE	3.35	EC	2.1	lb ai/a	POST	C	207	0.0	99.0	95.0	30.0	65.0
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	301	0.0	99.0	85.0	15.0	65.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =							0.0	99.0	91.7	26.7	68.3	

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							----- ZEAMA CROP - STUNTING PERCENT Apr-10-18	AMAPA ----- CONTROL PERCENT Apr-10-18	AGRASS ----- CONTROL PERCENT Apr-10-18	----- ZEAMA CROP - STUNTING PERCENT Apr-24-18	AGRASS ----- CONTROL PERCENT Apr-24-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code Plot	1	2	3	4	5
12	RESICORE	3.35	EC	2.1 lb ai/a	PRE	A 112	0.0	99.0	95.0	0.0	99.0
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A 216	0.0	99.0	95.0	10.0	99.0
	DURANGO DMA	4	SL	1.13 lb ae/a	POST	C 315	0.0	99.0	95.0	15.0	99.0
	N-PAK AMS			2.5 % v/v	POST	C					
						Mean =	0.0	99.0	95.0	8.3	99.0
13	ARMEZON PRO	5.35	EC	0.84 lb ai/a	PRE	A 113	0.0	99.0	95.0	0.0	99.0
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A 215	0.0	99.0	95.0	25.0	99.0
	STATUS	61.1	DG	0.19 lb ai/a	POST	C 304	0.0	99.0	95.0	20.0	95.0
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C					
	N-PAK AMS			2.5 % v/v	POST	C					
						Mean =	0.0	99.0	95.0	15.0	97.7
14	HARNESS XTRA	5.6	L	2.45 lb ai/a	PRE	A 114	0.0	99.0	95.0	10.0	90.0
	BALANCE FLEXX	2	SC	0.156 lb ai/a	PRE	A 220	0.0	99.0	85.0	10.0	99.0
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C 307	0.0	99.0	95.0	20.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C					
	N-PAK AMS			0.25 % v/v	POST	C					
						Mean =	0.0	99.0	91.7	13.3	96.0
15	CORVUS	2.63	SC	0.115 lb ai/a	PRE	A 115	0.0	99.0	85.0	40.0	99.0
	ATRAZINE	4	L	1.0 lb ai/a	PRE	A 202	0.0	99.0	95.0	40.0	99.0
	DIFLEXX	4	SC	0.5 lb ae/a	POST	C 317	0.0	99.0	95.0	40.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a	POST	C					
	N-PAK AMS			0.25 % v/v	POST	C					
						Mean =	0.0	99.0	91.7	40.0	99.0
16	ROUNDUP POWERMAX	5.5	SL	32.0 oz/a	EPOST	B 116	0.0	0.0	0.0	10.0	75.0
	ATRAZINE	4	L	64.0 oz/a	EPOST	B 212	0.0	0.0	0.0	0.0	95.0
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B 316	0.0	0.0	0.0	10.0	99.0
						Mean =	0.0	0.0	0.0	6.7	89.7
17	LIBERTY	2.34	SL	32.0 oz/a	EPOST	B 117	0.0	0.0	0.0	0.0	99.0
	ATRAZINE	4	L	64.0 oz/a	EPOST	B 209	0.0	0.0	0.0	0.0	95.0
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	B 314	0.0	0.0	0.0	15.0	99.0
						Mean =	0.0	0.0	0.0	5.0	97.7
18	WARRANT	3	ME	48.0 oz/a	PRE	A 118	0.0	99.0	80.0	0.0	65.0
	LAUDIS	3.5	SC	3.0 oz/a	POST	C 205	0.0	99.0	40.0	0.0	60.0
	ATRAZINE	4	L	64.0 oz/a	POST	C 320	0.0	99.0	95.0	10.0	90.0
	COC			1.0 % v/v	POST	C					
						Mean =	0.0	99.0	71.7	3.3	71.7
19	NTC					119	0.0	0.0	0.0	0.0	0.0
						211	0.0	0.0	0.0	0.0	0.0
						306	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
20	NTC					120	0.0	0.0	0.0	0.0	0.0
						201	0.0	0.0	0.0	0.0	0.0
						318	0.0	0.0	0.0	0.0	0.0
						Mean =	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 PRM Data Type # Subsamples, Dec.							AMAPA ----- CONTROL PERCENT Apr-24-18	----- ZEAMA CROP - STUNTING PERCENT May-15-18	AMAPA ----- CONTROL PERCENT May-15-18	AGRASS ----- CONTROL PERCENT May-15-18	AMAPA ----- CONTROL PERCENT Jun-15-18		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	Plot	6	7	8	9	10
1	TRIPLE FLEX II	4.25	EC	1.06	lb ai/a	PRE	A	101	99.0	10.0	99.0	95.0	99.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	208	99.0	20.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	310	99.0	25.0	99.0	99.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	18.3	99.0	97.7	99.0
2	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	102	99.0	5.0	99.0	99.0	99.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	219	99.0	10.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	302	99.0	0.0	99.0	99.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	5.0	99.0	99.0	99.0
3	HARNESS XTRA	6	SC	2.25	lb ai/a	PRE	A	103	99.0	10.0	99.0	99.0	99.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	210	99.0	0.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	319	99.0	15.0	99.0	95.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	8.3	99.0	97.7	99.0
4	DEGREE XTRA	4.04	CS	2.27	lb ai/a	PRE	A	104	99.0	0.0	99.0	99.0	99.0
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	213	99.0	10.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	309	99.0	5.0	99.0	99.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	5.0	99.0	99.0	99.0
5	HARNESS MAX	3.85	SC	1.93	lb ai/a	PRE	A	105	99.0	0.0	99.0	95.0	99.0
	ATRAZINE	4	F	1.0	lb ai/a	PRE	A	204	99.0	0.0	99.0	95.0	99.0
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	312	99.0	5.0	99.0	95.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C						
	INTACT			0.5	% v/v	POST	C						
	Mean =								99.0	1.7	99.0	95.0	99.0
6	HARNESS MAX	3.85	SC	2.26	lb ai/a	PRE	A	106	99.0	0.0	99.0	95.0	99.0
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	217	99.0	10.0	99.0	75.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	308	99.0	15.0	99.0	95.0	90.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	8.3	99.0	88.3	96.0
7	ACURON	3.44	EC	1.29	lb ai/a	PRE	A	107	99.0	0.0	99.0	99.0	99.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	203	99.0	0.0	99.0	99.0	99.0
	NIS			0.25	% v/v	POST	C	313	99.0	0.0	99.0	95.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	0.0	99.0	97.7	99.0
8	BICEP II MAGNUM	5.5	EC	2.4	lb ai/a	PRE	A	108	99.0	0.0	99.0	95.0	99.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	206	99.0	10.0	99.0	95.0	99.0
	NIS			0.25	% v/v	POST	C	305	99.0	0.0	99.0	95.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	3.3	99.0	95.0	99.0
9	LEXAR EZ	3.70	SC	1.39	lb ai/a	PRE	A	109	99.0	0.0	99.0	99.0	99.0
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	218	99.0	10.0	99.0	99.0	99.0
	NIS			0.25	% v/v	POST	C	311	99.0	0.0	99.0	99.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	3.3	99.0	99.0	99.0
10	KEYSTONE NXT	5.6	SL	2.45	lb ai/a	PRE	A	110	99.0	0.0	99.0	95.0	99.0
	RESICORE	3.35	EC	1.05	lb ai/a	POST	C	214	99.0	15.0	99.0	99.0	99.0
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	303	99.0	5.0	99.0	95.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	6.7	99.0	96.3	99.0
11	SURESTART II	4.25	EC	1.06	lb ai/a	PRE	A	111	99.0	15.0	99.0	99.0	99.0
	RESICORE	3.35	EC	2.1	lb ai/a	POST	C	207	99.0	30.0	99.0	99.0	99.0
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	301	99.0	10.0	99.0	99.0	99.0
	N-PAK AMS			2.5	% v/v	POST	C						
	Mean =								99.0	18.3	99.0	99.0	99.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AMAPA ----- CONTROL PERCENT Apr-24-18	----- ZEAMA CROP - STUNTING PERCENT May-15-18	AMAPA ----- CONTROL PERCENT May-15-18	AGRASS ----- CONTROL PERCENT May-15-18	AMAPA ----- CONTROL PERCENT Jun-15-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code Plot	6	7	8	9	10
12	RESICORE	3.35	EC	2.1	lb ai/a	PRE A 112	99.0	0.0	99.0	99.0	99.0
	ATRAZINE	4	L	1.0	lb ai/a	PRE A 216	99.0	0.0	99.0	99.0	99.0
	DURANGO DMA	4	SL	1.13	lb ae/a	POST C 315	99.0	10.0	99.0	95.0	99.0
	N-PAK AMS			2.5	% v/v	POST C					
						Mean =	99.0	3.3	99.0	97.7	99.0
13	ARMEZON PRO	5.35	EC	0.84	lb ai/a	PRE A 113	99.0	0.0	99.0	90.0	99.0
	ATRAZINE	4	L	1.0	lb ai/a	PRE A 215	99.0	20.0	99.0	99.0	99.0
	STATUS	61.1	DG	0.19	lb ai/a	POST C 304	99.0	20.0	99.0	90.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST C					
	N-PAK AMS			2.5	% v/v	POST C					
						Mean =	99.0	13.3	99.0	93.0	99.0
14	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE A 114	99.0	0.0	99.0	95.0	99.0
	BALANCE FLEXX	2	SC	0.156	lb ai/a	PRE A 220	99.0	10.0	99.0	99.0	90.0
	DIFLEXX	4	SC	0.5	lb ae/a	POST C 307	99.0	10.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST C					
	N-PAK AMS			0.25	% v/v	POST C					
						Mean =	99.0	6.7	99.0	97.7	96.0
15	CORVUS	2.63	SC	0.115	lb ai/a	PRE A 115	99.0	30.0	99.0	99.0	99.0
	ATRAZINE	4	L	1.0	lb ai/a	PRE A 202	99.0	30.0	99.0	99.0	99.0
	DIFLEXX	4	SC	0.5	lb ae/a	POST C 317	99.0	40.0	99.0	95.0	99.0
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST C					
	N-PAK AMS			0.25	% v/v	POST C					
						Mean =	99.0	33.3	99.0	97.7	99.0
16	ROUNDUP POWERMAX	5.5	SL	32.0	oz/a	EPOST B 116	99.0	10.0	99.0	95.0	99.0
	ATRAZINE	4	L	64.0	oz/a	EPOST B 212	99.0	0.0	99.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST B 316	99.0	10.0	99.0	95.0	99.0
						Mean =	99.0	6.7	99.0	96.3	97.7
17	LIBERTY	2.34	SL	32.0	oz/a	EPOST B 117	99.0	0.0	99.0	95.0	99.0
	ATRAZINE	4	L	64.0	oz/a	EPOST B 209	99.0	0.0	99.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST B 314	99.0	0.0	99.0	95.0	99.0
						Mean =	99.0	0.0	99.0	96.3	97.7
18	WARRANT	3	ME	48.0	oz/a	PRE A 118	99.0	0.0	99.0	65.0	99.0
	LAUDIS	3.5	SC	3.0	oz/a	POST C 205	99.0	0.0	99.0	65.0	99.0
	ATRAZINE	4	L	64.0	oz/a	POST C 320	99.0	0.0	99.0	95.0	99.0
	COC			1.0	% v/v	POST C					
						Mean =	99.0	0.0	99.0	75.0	99.0
19	NTC					119	0.0	0.0	0.0	0.0	0.0
						211	0.0	0.0	0.0	0.0	0.0
						306	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
20	NTC					120	0.0	0.0	0.0	0.0	0.0
						201	0.0	0.0	0.0	0.0	0.0
						318	0.0	0.0	0.0	0.0	0.0
						Mean =	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 PRM Data Type # Subsamples, Dec.							AGRASS ----- CONTROL PERCENT Jun-15-18	----- ZEAMA PLOT - YIELD LBS/PLOT Sep-6-18	----- ZEAMA PLOT - YIELD BU/A Sep-6-18 TY1 - 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	Plot	11	12	13
1	TRIPLE FLEX II	4.25	EC	1.06	lb ai/a	PRE	A	101	95.0	54.0	281
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	208	85.0	41.0	213
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	310	95.0	44.0	229
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								91.7	46.3	241
2	HARNESS XTRA	5.6	L	2.45	lb ai/a	PRE	A	102	95.0	49.0	255
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	219	95.0	47.0	244
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	302	80.0	40.0	208
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								90.0	45.3	236
3	HARNESS XTRA	6	SC	2.25	lb ai/a	PRE	A	103	95.0	48.0	249
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	210	95.0	41.0	213
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	319	95.0	40.0	208
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								95.0	43.0	223
4	DEGREE XTRA	4.04	CS	2.27	lb ai/a	PRE	A	104	95.0	46.0	239
	HARNESS MAX	3.85	SC	1.20	lb ai/a	POST	C	213	99.0	43.0	223
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	309	95.0	48.0	249
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								96.3	45.7	237
5	HARNESS MAX	3.85	SC	1.93	lb ai/a	PRE	A	105	85.0	50.0	260
	ATRAZINE	4	F	1.0	lb ai/a	PRE	A	204	75.0	47.0	244
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	312	65.0	38.0	197
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C				
	INTACT			0.5	% v/v	POST	C				
	Mean =								75.0	45.0	234
6	HARNESS MAX	3.85	SC	2.26	lb ai/a	PRE	A	106	95.0	41.0	213
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	217	50.0	51.0	265
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C	308	65.0	47.0	244
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								70.0	46.3	241
7	ACURON	3.44	EC	1.29	lb ai/a	PRE	A	107	99.0	44.0	229
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	203	95.0	48.0	249
	NIS			0.25	% v/v	POST	C	313	85.0	42.0	218
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								93.0	44.7	232
8	BICEP II MAGNUM	5.5	EC	2.4	lb ai/a	PRE	A	108	95.0	52.0	270
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	206	75.0	47.0	244
	NIS			0.25	% v/v	POST	C	305	85.0	39.0	203
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								85.0	46.0	239
9	LEXAR EZ	3.70	SC	1.39	lb ai/a	PRE	A	109	95.0	45.0	234
	HALEX GT	4.39	SL	1.98	lb ai/a	POST	C	218	75.0	47.0	244
	NIS			0.25	% v/v	POST	C	311	95.0	48.0	249
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								88.3	46.7	242
10	KEYSTONE NXT	5.6	SL	2.45	lb ai/a	PRE	A	110	90.0	52.0	270
	RESICORE	3.35	EC	1.05	lb ai/a	POST	C	214	95.0	46.0	239
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	303	85.0	42.0	218
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								90.0	46.7	242
11	SURESTART II	4.25	EC	1.06	lb ai/a	PRE	A	111	95.0	45.0	234
	RESICORE	3.35	EC	2.1	lb ai/a	POST	C	207	85.0	44.0	229
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	301	65.0	48.0	249
	N-PAK AMS			2.5	% v/v	POST	C				
	Mean =								81.7	45.7	237

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AGRASS ----- CONTROL PERCENT Jun-15-18	----- ZEAMA PLOT - YIELD LBS/PLOT Sep-6-18	----- ZEAMA PLOT - YIELD BU/A Sep-6-18 TY1 - 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Plot	11	12	13
12	RESICORE	3.35	EC	2.1	lb ai/a	PRE	A	112	85.0	52.0	270
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	216	60.0	52.0	270
	DURANGO DMA	4	SL	1.13	lb ae/a	POST	C	315	50.0	39.0	203
	N-PAK AMS			2.5	% v/v	POST	C				
								Mean =	65.0	47.7	248
13	ARMEZON PRO	5.35	EC	0.84	lb ai/a	PRE	A	113	65.0	49.0	255
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	215	65.0	44.0	229
	STATUS	61.1	DG	0.19	lb ai/a	POST	C	304	65.0	48.0	249
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C				
	N-PAK AMS			2.5	% v/v	POST	C				
								Mean =	65.0	47.0	244
14	HARNESX XTRA	5.6	L	2.45	lb ai/a	PRE	A	114	65.0	46.0	239
	BALANCE FLEXX	2	SC	0.156	lb ai/a	PRE	A	220	60.0	40.0	208
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	307	85.0	40.0	208
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C				
	N-PAK AMS			0.25	% v/v	POST	C				
								Mean =	70.0	42.0	218
15	CORVUS	2.63	SC	0.115	lb ai/a	PRE	A	115	65.0	40.0	208
	ATRAZINE	4	L	1.0	lb ai/a	PRE	A	202	75.0	40.0	208
	DIFLEXX	4	SC	0.5	lb ae/a	POST	C	317	65.0	32.0	166
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	POST	C				
	N-PAK AMS			0.25	% v/v	POST	C				
								Mean =	68.3	37.3	194
16	ROUNDUP POWERMAX	5.5	SL	32.0	oz/a	EPOST	B	116	65.0	43.0	223
	ATRAZINE	4	L	64.0	oz/a	EPOST	B	212	90.0	49.0	255
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	316	99.0	51.0	265
								Mean =	84.7	47.7	248
17	LIBERTY	2.34	SL	32.0	oz/a	EPOST	B	117	85.0	46.0	239
	ATRAZINE	4	L	64.0	oz/a	EPOST	B	209	90.0	51.0	265
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	B	314	95.0	41.0	213
								Mean =	90.0	46.0	239
18	WARRANT	3	ME	48.0	oz/a	PRE	A	118	50.0	38.0	197
	LAUDIS	3.5	SC	3.0	oz/a	POST	C	205	20.0	47.0	244
	ATRAZINE	4	L	64.0	oz/a	POST	C	320	90.0	46.0	239
	COC			1.0	% v/v	POST	C				
								Mean =	53.3	43.7	227
19	NTC							119	0.0	33.0	171
								211	0.0	40.0	208
								306	0.0	39.0	203
								Mean =	0.0	37.3	194
20	NTC							120	0.0	48.0	249
								201	0.0	40.0	208
								318	0.0	41.0	213
								Mean =	0.0	43.0	223

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WEED CONTROL IN FIELD CORN
(MONSANTO PROGRAMS)
Trial ID: CN-07-18 Study Dir.: 2018-01-24-13 (BRAXTON + PERKINS)
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
PRM Data Type
TY1 = 5.19492*[C12]