

University of Georgia

FIELD CORN PREMIX CONCEPT
PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	202	311	409
2	ACURON	3.44	SC	3.0	qt/a	PPI	A	15 GPA	74.99 mL/mx	1425.0 mL	102	218	312	415
3	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PPI	A	15 GPA	25.0 mL/mx	1475 mL	103	201	306	416
4	RESICORE	3.29	SL	3.0	qt/a	PPI	A	15 GPA	74.99 mL/mx	1425.0 mL	104	216	305	410
5	V-10206	85	WG	2.43	oz/a	PPI	A	15 GPA	1.82 g/mx	1491.7 mL	105	213	308	411
	CALLISTO	4	SC	4.128	oz/a	PPI	A	15 GPA	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	PPI	A	15 GPA	3.265 mL/mx					
6	V-10206	85	WG	2.43	oz/a	PPI	A	15 GPA	1.82 g/mx	1472.9 mL	106	212	315	414
	CALLISTO	4	SC	4.128	oz/a	PPI	A	15 GPA	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	PPI	A	15 GPA	3.265 mL/mx					
	AATREX	4	L	24.0	oz/a	PPI	A	15 GPA	18.75 mL/mx					
7	ACURON	3.44	SC	3.0	qt/a	PRE	B	15 GAL/AC	74.99 mL/mx	1425.0 mL	107	217	313	418
8	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PRE	B	15 GAL/AC	25.0 mL/mx	1475 mL	108	204	316	417
9	RESICORE	3.29	SL	3.0	qt/a	PRE	B	15 GAL/AC	74.99 mL/mx	1425.0 mL	109	207	303	404
10	V-10206	85	WG	2.43	oz/a	PRE	B	15 GAL/AC	1.82 g/mx	1491.7 mL	110	206	301	406
	CALLISTO	4	SC	4.128	oz/a	PRE	B	15 GAL/AC	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	PRE	B	15 GAL/AC	3.265 mL/mx					
11	V-10206	85	WG	2.43	oz/a	PRE	B	15 GAL/AC	1.82 g/mx	1472.9 mL	111	203	307	413
	CALLISTO	4	SC	4.128	oz/a	PRE	B	15 GAL/AC	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	PRE	B	15 GAL/AC	3.265 mL/mx					
	AATREX	4	L	24.0	oz/a	PRE	B	15 GAL/AC	18.75 mL/mx					
12	ACURON	3.44	SC	3.0	qt/a	EPOST	C	15 GPA	74.99 mL/mx	1410.0 mL	112	209	304	402
	AGRIDEX			1.0	% v/v	EPOST	C	15 GPA	15.0 mL/mx					
13	TRIPLEFLEX II	4.25	SL	1.0	qt/a	EPOST	C	15 GPA	25.0 mL/mx	1460 mL	113	208	314	405
	AGRIDEX			1.0	% v/v	EPOST	C	15 GPA	15.0 mL/mx					
14	RESICORE	3.29	SL	1.25	qt/a	EPOST	C	15 GPA	31.25 mL/mx	1453.8 mL	114	215	302	407
	AGRIDEX			1.0	% v/v	EPOST	C	15 GPA	15.0 mL/mx					
15	V-10206	85	WG	2.43	oz/a	EPOST	C	15 GPA	1.82 g/mx	1476.7 mL	115	205	317	408
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	15 GPA	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	EPOST	C	15 GPA	3.265 mL/mx					
	AGRIDEX			1.0	% v/v	EPOST	C	15 GPA	15.0 mL/mx					
16	V-10206	85	WG	2.43	oz/a	EPOST	C	15 GPA	1.82 g/mx	1457.9 mL	116	211	318	412
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	15 GPA	3.225 mL/mx					
	STINGER	3	SL	4.18	oz/a	EPOST	C	15 GPA	3.265 mL/mx					
	AATREX	4	L	24.0	oz/a	EPOST	C	15 GPA	18.75 mL/mx					
	AGRIDEX			1.0	% v/v	EPOST	C	15 GPA	15.0 mL/mx					
17	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	C	15 GPA	25.0 mL/mx	1400.0 mL	117	210	309	403
	AATREX	4	L	64.0	oz/a	EPOST	C	15 GPA	49.99 mL/mx					
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	C	15 GPA	25.0 mL/mx					
18	NTC									-	118	214	310	401

Sort Order: Treatment

Trial Comments

V-10206 = PYROXASULFONE
 ACURON = S-MOC (2.14 LB/GAL) + ATRAZINE (1.0 LB/GAL) + MESOTRIONE (0.24 LB/GAL) + BICYCLOPYRONE (0.06 LB/GAL)
 TRIPLEFLEX = ACETOCHLOR (3.75 LB/GAL) + CLOPYRALID (0.38 LB/GAL) + FLUMETSULAM (0.12 LB/GAL)
 RESICORE = ACETOCHLOR (2.8 LB/GAL) + MESOTRIONE (0.30 LB/GAL) + CLOPYRALID (0.19 LB/GAL)

NOTE: RESICORE WAS DIFFICULT TO CLEAN FROM SPRAY BOTTLES IN THE FIELD?

PLOTS 102/218 SPRAY PRESSURE PROBLEMS

PPI TRTS WERE ROTO-TILLED IN ~30 MINUTES AFTER APPLICATION.

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FIELD CORN PREMIX CONCEPT

PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

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

HARVEST MOISTURE: 18.02%
YIELDS ADJUSTED TO 15.5%

MISSING YIELD DATA DUE TO COMBINE SCALE PROBLEMS.

SUMMARY:

- 1) PRE APPLICATIONS OF ACURON AND V-10206 CAUSED SIGNIFICANT CORN STUNTING AND BUGGY WHIPPING.
- 2) EPOST APPLICATIONS OF ACURON AND V-10206 CAUSED SIGNIFICANT CORN LEAF BURN.
- 3) ON MAY 14 (41 DAP), WILD RADISH CONTROL WAS > 89% WITH ALL TREATMENTS EXCEPT PPI APPLICATIONS OF TRIPLEFLEX II (82.3% CONTROL).
- 4) ON JUNE 14 (72 DAP), PALMER AMARANTH CONTROL WAS > 95% WITH ALL TREATMENTS EXCEPT EPOST APPLICATIONS OF TRIPLEFLEX II (55% CONTROL).
- 5) ON JUNE 14 (72 DAP) ANNUAL GRASS CONTROL WAS > 92% WITH ALL TREATMENTS EXCEPT THE FOLLOWING:

ACURON - PPI (81.3%)

TRIPLEFLEX II - PPI (67.5%)

V-10206 + CALLISTO + STINGER + ATRAZINE - PPI (81.3%)

TRIPLEFLEX II - EPOST (53.8%)

RESICORE - EPOST (80%)

- 6) THE FOLLOWING TREATMENTS RESULTED IN YIELDS LOWER THAN THE CURRENT STANDARD OF ROUNDUP + ATRAZINE + PROWL (EPOST):

NTC

V-10206 + CALLISTO + STINGER - PPI AND PRE

V-10206 + CALLISTO + STINGER + ATRAZINE - PRE

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FIELD CORN PREMIX CONCEPT
PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: HUNT SANDERS **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective:

Conclusions:

CROP AND PEST DESCRIPTION

Weed 1: AMAPA PALMER AMARANTH **2:** RAPRA WILD RADISH
Weed 3: AGRASS CRABGRASS/TX PANICUM **4:** _____

Crop 1: ZEAMA FIELD CORN **Variety:** DKC 68-69 **Planting Date:** Apr-3-19
Planting Method: MONOSEM **Rate:** 36300 SEED/A **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4

Site Type: _____

Tillage Type: CONVENTIONAL **Study Design:** RACOBL

Trial Initiation Comments: 800 LBS/A 5-15-30 PPLNT; 125 LB/A NITROGEN - APRIL 23; 128 LB/A NITROGEN - MAY 1; 2 LB/A AXILO MIX 5 - MAY 2

Previous: Crops **Pesticides** **Year**
1. PEANUT 2018 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.8 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.8 **Soil Name:** TIFTON **Fertility Level:** GOOD

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MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-4-19		0.25		IN SPRINKLER - CENTER PIVOT		
2. Apr-4-19		0.02		IN RAIN		
3. Apr-5-19		0.02		IN RAIN		
4. Apr-6-19		0.21		IN RAIN		
5. Apr-9-19		0.17		IN RAIN		
6. Apr-11-19		0.5		IN SPRINKLER - LATERAL MOVE		
7. Apr-14-19		0.8		IN RAIN		
8. Apr-19-19		1.43		IN RAIN		
9. Apr-25-19		0.5		IN SPRINKLER - LATERAL MOVE		
10. Apr-25-19		0.05		IN RAIN		
11. Apr-26-19		0.03		IN RAIN		
12. Apr-29-19		0.5		IN SPRINKLER - LATERAL MOVE		
13. May-6-19		0.75		IN SPRINKLER - LATERAL MOVE		
14. May-9-19		0.195		IN RAIN		
15. May-10-19		0.3		IN SPRINKLER - LATERAL MOVE		
16. May-10-19		0.11		IN RAIN		
17. May-11-19		0.65		IN RAIN		
18. May-12-19		0.27		IN RAIN		
19. May-16-19		0.5		IN SPRINKLER - LATERAL MOVE		
20. May-17-19		0.62		IN RAIN		
21. May-21-19		0.55		IN SPRINKLER - LATERAL MOVE		
22. May-23-19		0.75		IN SPRINKLER - LATERAL MOVE		
23. May-24-19		0.75		IN SPRINKLER - LATERAL MOVE		
24. May-27-19		0.75		IN SPRINKLER - LATERAL MOVE		

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Apr-3-19	Apr-4-19	Apr-22-19			
Time of Day:	9:00 AM	8:45 AM	9:15 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PPI	PRE	EPOST			
Applic. Placement:	SOIL	SOIL	FOLIAGE			
Air Temp., Unit:	52 F	50 F	53 F			
% Relative Humidity:	88	46	87			
Wind Velocity, Unit:	1 MPH	2 MPH	0 MPH			
Dew Presence (Y/N):	N	N	Y			
Water Hardness:	--	--				
Soil Temp., Unit:	55 F	56 F	57 F			
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM			
% Cloud Cover:	0	0	0			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:	ZEAMA		V4			
Stage Scale:			7" T			
Height, Unit:						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage:	AMAPA		1-2" T			
Stage Scale:			4-6 L			
Density, Unit:						
Weed 2 Stage:	RAPRA		2" T			
Stage Scale:			4-6 L			
Density, Unit:						
Weed 3 Stage:	AGRASS		1-2" T			
Stage Scale:			2-3 L			
Density, Unit:						

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		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME AS A		BACKPACK	_____	_____	_____
Operating Pressure:	28	_____	_____	32	_____	_____	_____
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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							----- Zeama	----- Zeama	Amapa -----	Agrass -----	Rapra -----	----- Zeama
							Injury Percent Apr-10-19	Injury Percent Apr-16-19	Control Percent Apr-16-19	Control Percent Apr-16-19	Control Percent Apr-16-19	Stunt Percent Apr-26-19
PRM Data Type # Subsamples, Dec.												
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code		1	2	3	4	5	6
1 NTC							0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
2 ACURON	3.44	SC	3.0 qt/a	PPI	A		0.0 b	1.3 -	99.0 a	97.0 c	99.0 a	2.5 cd
3 TRIPLEFLEX II	4.25	SL	1.0 qt/a	PPI	A		0.0 b	0.0 -	99.0 a	99.0 a	80.0 b	2.5 cd
4 RESICORE	3.29	SL	3.0 qt/a	PPI	A		0.0 b	1.3 -	99.0 a	99.0 a	98.0 a	5.0 c
5 V-10206	85	WG	2.43 oz/a	PPI	A		2.5 ab	2.5 -	99.0 a	99.0 a	95.8 a	10.0 b
CALLISTO	4	SC	4.128 oz/a	PPI	A							
STINGER	3	SL	4.18 oz/a	PPI	A							
6 V-10206	85	WG	2.43 oz/a	PPI	A		2.5 ab	2.5 -	99.0 a	98.0 b	95.5 a	10.0 b
CALLISTO	4	SC	4.128 oz/a	PPI	A							
STINGER	3	SL	4.18 oz/a	PPI	A							
AATREX	4	L	24.0 oz/a	PPI	A							
7 ACURON	3.44	SC	3.0 qt/a	PRE	B		0.0 b	1.3 -	99.0 a	99.0 a	99.0 a	11.3 b
8 TRIPLEFLEX II	4.25	SL	1.0 qt/a	PRE	B		0.0 b	1.3 -	99.0 a	99.0 a	99.0 a	2.5 cd
9 RESICORE	3.29	SL	3.0 qt/a	PRE	B		5.0 a	1.3 -	99.0 a	99.0 a	99.0 a	5.0 c
10 V-10206	85	WG	2.43 oz/a	PRE	B		0.0 b	1.3 -	99.0 a	99.0 a	99.0 a	18.8 a
CALLISTO	4	SC	4.128 oz/a	PRE	B							
STINGER	3	SL	4.18 oz/a	PRE	B							
11 V-10206	85	WG	2.43 oz/a	PRE	B		0.0 b	2.5 -	99.0 a	99.0 a	99.0 a	17.5 a
CALLISTO	4	SC	4.128 oz/a	PRE	B							
STINGER	3	SL	4.18 oz/a	PRE	B							
AATREX	4	L	24.0 oz/a	PRE	B							
12 ACURON	3.44	SC	3.0 qt/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
AGRIDEX			1.0 % v/v	EPOST	C							
13 TRIPLEFLEX II	4.25	SL	1.0 qt/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
AGRIDEX			1.0 % v/v	EPOST	C							
14 RESICORE	3.29	SL	1.25 qt/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
AGRIDEX			1.0 % v/v	EPOST	C							
15 V-10206	85	WG	2.43 oz/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
CALLISTO	4	SC	4.128 oz/a	EPOST	C							
STINGER	3	SL	4.18 oz/a	EPOST	C							
AGRIDEX			1.0 % v/v	EPOST	C							
16 V-10206	85	WG	2.43 oz/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
CALLISTO	4	SC	4.128 oz/a	EPOST	C							
STINGER	3	SL	4.18 oz/a	EPOST	C							
AATREX	4	L	24.0 oz/a	EPOST	C							
AGRIDEX			1.0 % v/v	EPOST	C							
17 ROUNDUP PMAX	5.5	SL	32.0 oz/a	EPOST	C		0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
AATREX	4	L	64.0 oz/a	EPOST	C							
PROWL H20	3.8	SC	32.0 oz/a	EPOST	C							
18 NTC							0.0 b	0.0 -	0.0 b	0.0 d	0.0 c	0.0 d
LSD P=.10							2.56	2.06	.	0.84	5.23	3.96
Standard Deviation							2.16	1.74	0.00	0.71	4.41	3.35
CV							389.57	208.81	0.0	1.29	8.24	70.85
Grand Mean							0.56	0.83	55.00	54.83	53.51	4.72
Bartlett's X2							0.084	0.242	0.00	0.061	12.421	5.516
P(Bartlett's X2)							0.959	1.00	.	0.804	0.006*	0.597

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=2,23,24
Could not calculate LSD (% mean diff) for columns 3,8 because error mean square = 0.

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Location: PONDER FARM Investigator: Eric P. Prostko												
							----- Zeama Leaf - Burn\chl Percent Apr-26-19	Amapa ----- Control Percent Apr-26-19	Agrass ----- Control Percent Apr-26-19	Rapra ----- Control Percent Apr-26-19	----- Zeama Stunt Percent May-2-19	----- Zeama Leaf - Burn Percent May-9-19
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	7	8	9	10	11	12
1	NTC						0.0 e	0.0 b	0.0 c	0.0 c	0.0 c	0.0 d
2	ACURON	3.44	SC	3.0 qt/a	PPI	A	0.0 e	99.0 a	98.0 ab	99.0 a	0.0 c	0.0 d
3	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PPI	A	0.0 e	99.0 a	98.0 ab	74.5 b	0.0 c	0.0 d
4	RESICORE	3.29	SL	3.0 qt/a	PPI	A	0.0 e	99.0 a	98.0 ab	99.0 a	2.5 bc	0.0 d
5	V-10206	85	WG	2.43 oz/a	PPI	A	0.0 e	99.0 a	95.5 b	98.0 a	10.0 b	0.0 d
	CALLISTO	4	SC	4.128 oz/a	PPI	A						
	STINGER	3	SL	4.18 oz/a	PPI	A						
6	V-10206	85	WG	2.43 oz/a	PPI	A	0.0 e	99.0 a	98.0 ab	95.5 a	7.5 bc	0.0 d
	CALLISTO	4	SC	4.128 oz/a	PPI	A						
	STINGER	3	SL	4.18 oz/a	PPI	A						
	AATREX	4	L	24.0 oz/a	PPI	A						
7	ACURON	3.44	SC	3.0 qt/a	PRE	B	0.0 e	99.0 a	99.0 a	99.0 a	18.8 a	0.0 d
8	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PRE	B	0.0 e	99.0 a	99.0 a	99.0 a	2.5 bc	0.0 d
9	RESICORE	3.29	SL	3.0 qt/a	PRE	B	0.0 e	99.0 a	99.0 a	99.0 a	0.0 c	0.0 d
10	V-10206	85	WG	2.43 oz/a	PRE	B	0.0 e	99.0 a	99.0 a	99.0 a	18.8 a	0.0 d
	CALLISTO	4	SC	4.128 oz/a	PRE	B						
	STINGER	3	SL	4.18 oz/a	PRE	B						
11	V-10206	85	WG	2.43 oz/a	PRE	B	0.0 e	99.0 a	99.0 a	99.0 a	18.8 a	0.0 d
	CALLISTO	4	SC	4.128 oz/a	PRE	B						
	STINGER	3	SL	4.18 oz/a	PRE	B						
	AATREX	4	L	24.0 oz/a	PRE	B						
12	ACURON	3.44	SC	3.0 qt/a	EPOST	C	23.8 a				6.3 bc	20.0 a
	AGRIDEX			1.0 % v/v	EPOST	C						
13	TRIPLEFLEX II	4.25	SL	1.0 qt/a	EPOST	C	10.0 c				0.0 c	0.0 d
	AGRIDEX			1.0 % v/v	EPOST	C						
14	RESICORE	3.29	SL	1.25 qt/a	EPOST	C	10.0 c				1.3 c	3.8 c
	AGRIDEX			1.0 % v/v	EPOST	C						
15	V-10206	85	WG	2.43 oz/a	EPOST	C	2.5 d				0.0 c	2.5 c
	CALLISTO	4	SC	4.128 oz/a	EPOST	C						
	STINGER	3	SL	4.18 oz/a	EPOST	C						
	AGRIDEX			1.0 % v/v	EPOST	C						
16	V-10206	85	WG	2.43 oz/a	EPOST	C	15.0 b				0.0 c	15.0 b
	CALLISTO	4	SC	4.128 oz/a	EPOST	C						
	STINGER	3	SL	4.18 oz/a	EPOST	C						
	AATREX	4	L	24.0 oz/a	EPOST	C						
	AGRIDEX			1.0 % v/v	EPOST	C						
17	ROUNDUP PMAX	5.5	SL	32.0 oz/a	EPOST	C	8.8 c				0.0 c	0.0 d
	AATREX	4	L	64.0 oz/a	EPOST	C						
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	C						
18	NTC						0.0 e	0.0 b	0.0 c	0.0 c	0.0 c	0.0 d
LSD P=.10							1.74	.	2.83	9.94	7.77	2.18
Standard Deviation							1.47	0.00	2.36	8.30	6.56	1.84
CV							37.72	0.0	2.88	10.37	136.84	80.43
Grand Mean							3.89	82.50	81.88	80.08	4.79	2.29
Bartlett's X2							1.036	0.00	9.871	14.723	17.498	0.13
P(Bartlett's X2)							0.793	.	0.043*	0.001*	0.014*	0.937

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=2,23,24
 Could not calculate LSD (% mean diff) for columns 3,8 because error mean square = 0.

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST													
Trial ID: CN-03-19 Study Dir.: HUNT SANDERS													
Location: PONDER FARM Investigator: Eric P. Prostko													
							----- Zeama Buggy - Whipping Percent May-2-19	----- Amapa ----- Control Percent May-2-19	----- Rapra ----- Control Percent May-2-19	----- Agrass ----- Control Percent May-2-19	----- Zeama ----- Stunting Percent May-14-19	----- Amapa ----- Control Percent May-14-19	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	13	14	15	16	17	18
1	NTC							0.0 c	0.0 c	0.0 c	0.0 c	0.0 d	0.0 c
2	ACURON	3.44	SC	3.0 qt/a	PPI	A		0.0 c	99.0 a	99.0 a	94.8 a	3.8 cd	96.8 a
3	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PPI	A		0.0 c	95.5 a	74.8 b	86.0 b	5.0 cd	95.8 a
4	RESICORE	3.29	SL	3.0 qt/a	PPI	A		0.0 c	99.0 a	99.0 a	99.0 a	5.0 cd	99.0 a
5	V-10206 CALLISTO STINGER	85 4 3	WG SC SL	2.43 4.128 4.18 oz/a	PPI PPI PPI	A A A		0.0 c	99.0 a	99.0 a	99.0 a	15.0 ab	99.0 a
6	V-10206 CALLISTO STINGER AATREX	85 4 3 4	WG SC SL L	2.43 4.128 4.18 24.0 oz/a	PPI PPI PPI PPI	A A A A		0.0 c	99.0 a	98.0 a	96.8 a	17.5 a	99.0 a
7	ACURON	3.44	SC	3.0 qt/a	PRE	B		46.3 b	99.0 a	99.0 a	99.0 a	6.3 cd	99.0 a
8	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PRE	B		0.0 c	99.0 a	99.0 a	98.0 a	5.0 cd	99.0 a
9	RESICORE	3.29	SL	3.0 qt/a	PRE	B		0.0 c	99.0 a	99.0 a	98.0 a	1.3 d	99.0 a
10	V-10206 CALLISTO STINGER	85 4 3	WG SC SL	2.43 4.128 4.18 oz/a	PRE PRE PRE	B B B		57.5 a	99.0 a	99.0 a	99.0 a	15.0 ab	99.0 a
11	V-10206 CALLISTO STINGER AATREX	85 4 3 4	WG SC SL L	2.43 4.128 4.18 24.0 oz/a	PRE PRE PRE PRE	B B B B		51.3 ab	99.0 a	99.0 a	99.0 a	18.8 a	99.0 a
12	ACURON AGRIDEX	3.44	SC	3.0 qt/a 1.0 % v/v	EPOST EPOST	C C		0.0 c	99.0 a	99.0 a	99.0 a	8.8 bc	99.0 a
13	TRIPLEFLEX II AGRIDEX	4.25	SL	1.0 qt/a 1.0 % v/v	EPOST EPOST	C C		0.0 c	67.5 b	98.0 a	80.0 b	2.5 cd	67.5 b
14	RESICORE AGRIDEX	3.29	SL	1.25 qt/a 1.0 % v/v	EPOST EPOST	C C		0.0 c	99.0 a	99.0 a	93.5 a	1.3 d	98.0 a
15	V-10206 CALLISTO STINGER AGRIDEX	85 4 3	WG SC SL	2.43 4.128 4.18 oz/a 1.0 % v/v	EPOST EPOST EPOST EPOST	C C C C		0.0 c	99.0 a	99.0 a	99.0 a	2.5 cd	99.0 a
16	V-10206 CALLISTO STINGER AATREX AGRIDEX	85 4 3 4	WG SC SL L	2.43 4.128 4.18 24.0 oz/a 1.0 % v/v	EPOST EPOST EPOST EPOST EPOST	C C C C C		0.0 c	99.0 a	99.0 a	98.0 a	2.5 cd	99.0 a
17	ROUNDUP PMAX AATREX PROWL H20	5.5 4 3.8	SL L SC	32.0 64.0 32.0 oz/a	EPOST EPOST EPOST	C C C		0.0 c	99.0 a	99.0 a	99.0 a	1.3 d	99.0 a
18	NTC							0.0 c	0.0 c	0.0 c	0.0 c	0.0 d	0.0 c
LSD P=.10							8.11	4.95	6.09	6.11	6.68	4.36	
Standard Deviation							6.84	4.18	5.14	5.16	5.64	3.68	
CV							79.46	4.86	5.94	6.04	91.24	4.29	
Grand Mean							8.61	86.06	86.54	85.39	6.18	85.89	
Bartlett's X2							0.119	1.981	18.52	26.248	19.152	11.483	
P(Bartlett's X2)							0.942	0.159	0.001*	0.001*	0.207	0.009*	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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 Missing data estimates are included in columns: Average=2,23,24
 Could not calculate LSD (% mean diff) for columns 3,8 because error mean square = 0.

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST													
Trial ID: CN-03-19 Study Dir.: HUNT SANDERS													
Location: PONDER FARM Investigator: Eric P. Prostko													
							Rapra	Agrass	Amapa	Agrass	-----	-----	
							Control	Control	Control	Control	ZEAMA	ZEAMA	
							Percent	Percent	Percent	Percent	PLOT -	PLOT -	
							May-14-19	May-14-19	Jun-14-19	Jun-14-19	YIELD	YIELD	
											LBS	BU/A	
											Aug-29-19	Aug-29-19	
												TY1	
												- 0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code						
								19	20	21	22	23	24
1	NTC							0.0 d	0.0 f	0.0 c	0.0 e	37.5 f	189 f
2	ACURON	3.44	SC	3.0 qt/a	PPI	A		99.0 a	85.0 cd	96.8 a	81.3 b	56.0 a	282 a
3	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PPI	A		82.3 c	82.3 d	95.5 a	67.5 c	49.0 b-e	247 b-e
4	RESICORE	3.29	SL	3.0 qt/a	PPI	A		93.0 ab	95.5 ab	95.8 a	92.5 a	50.8 bc	255 bc
5	V-10206	85	WG	2.43 oz/a	PPI	A		90.8 b	93.5 ab	95.0 a	92.5 a	47.3 cde	238 cde
	CALLISTO	4	SC	4.128 oz/a	PPI	A							
	STINGER	3	SL	4.18 oz/a	PPI	A							
6	V-10206	85	WG	2.43 oz/a	PPI	A		89.5 bc	89.8 bc	97.0 a	81.3 b	49.5 bcd	249 bcd
	CALLISTO	4	SC	4.128 oz/a	PPI	A							
	STINGER	3	SL	4.18 oz/a	PPI	A							
	AATREX	4	L	24.0 oz/a	PPI	A							
7	ACURON	3.44	SC	3.0 qt/a	PRE	B		99.0 a	98.0 a	99.0 a	95.8 a	49.0 b-e	247 b-e
8	TRIPLEFLEX II	4.25	SL	1.0 qt/a	PRE	B		99.0 a	99.0 a	96.8 a	96.0 a	53.0 ab	267 ab
9	RESICORE	3.29	SL	3.0 qt/a	PRE	B		99.0 a	99.0 a	98.0 a	96.0 a	52.0 abc	262 abc
10	V-10206	85	WG	2.43 oz/a	PRE	B		99.0 a	99.0 a	99.0 a	95.0 a	44.0 e	221 e
	CALLISTO	4	SC	4.128 oz/a	PRE	B							
	STINGER	3	SL	4.18 oz/a	PRE	B							
11	V-10206	85	WG	2.43 oz/a	PRE	B		99.0 a	99.0 a	99.0 a	96.0 a	47.0 cde	236 cde
	CALLISTO	4	SC	4.128 oz/a	PRE	B							
	STINGER	3	SL	4.18 oz/a	PRE	B							
	AATREX	4	L	24.0 oz/a	PRE	B							
12	ACURON	3.44	SC	3.0 qt/a	EPOST	C		99.0 a	98.0 a	99.0 a	99.0 a	49.3 bcd	248 bcd
	AGRIDEX			1.0 % v/v	EPOST	C							
13	TRIPLEFLEX II	4.25	SL	1.0 qt/a	EPOST	C		99.0 a	65.0 e	55.0 b	53.8 d		
	AGRIDEX			1.0 % v/v	EPOST	C							
14	RESICORE	3.29	SL	1.25 qt/a	EPOST	C		99.0 a	89.8 bc	98.0 a	80.0 b	51.0 abc	257 abc
	AGRIDEX			1.0 % v/v	EPOST	C							
15	V-10206	85	WG	2.43 oz/a	EPOST	C		99.0 a	99.0 a	99.0 a	96.0 a	53.0 ab	267 ab
	CALLISTO	4	SC	4.128 oz/a	EPOST	C							
	STINGER	3	SL	4.18 oz/a	EPOST	C							
	AGRIDEX			1.0 % v/v	EPOST	C							
16	V-10206	85	WG	2.43 oz/a	EPOST	C		99.0 a	99.0 a	99.0 a	97.0 a	53.8 ab	270 ab
	CALLISTO	4	SC	4.128 oz/a	EPOST	C							
	STINGER	3	SL	4.18 oz/a	EPOST	C							
	AATREX	4	L	24.0 oz/a	EPOST	C							
	AGRIDEX			1.0 % v/v	EPOST	C							
17	ROUNDUP PMAX	5.5	SL	32.0 oz/a	EPOST	C		99.0 a	99.0 a	98.0 a	98.0 a	52.8 ab	265 ab
	AATREX	4	L	64.0 oz/a	EPOST	C							
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	C							
18	NTC							0.0 d	0.0 f	0.0 c	0.0 e	45.5 de	229 de
LSD P=.10							8.05	7.37	7.65	8.70	5.03	25.3	
Standard Deviation							6.79	6.22	6.46	7.34	4.18	21.1	
CV							7.92	7.52	7.65	9.32	8.47	8.47	
Grand Mean							85.75	82.76	84.43	78.75	49.43	248.7	
Bartlett's X2							2.168	18.537	42.119	51.425	11.06	11.06	
P(Bartlett's X2)							0.538	0.01*	0.001*	0.001*	0.524	0.524	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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 Missing data estimates are included in columns: Average=2,23,24
 Could not calculate LSD (% mean diff) for columns 3,8 because error mean square = 0.

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST					
Trial ID: CN-03-19		Study Dir.: HUNT SANDERS			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- Zeama Injury Percent Apr-10-19 (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	377.777778			
Replicate	3	11.111111	3.703704	0.791	0.5047
Treatment	17	127.777778	7.516340	1.605	0.0978
Error	51	238.888889	4.684096		
Randomized Complete Block (RCB) AOV For ----- Zeama Injury Percent Apr-16-19 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	70	250.000000			
Replicate	3	36.111111	12.037037	3.976	0.0129
Treatment	17	62.500000	3.676471	1.214	0.2885
Error	50	151.388889	3.027778		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent Apr-16-19 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	174240.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	17	174240.000000	10249.411765	0.000	1.0000
Error	51	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent Apr-16-19 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	173230.000000			
Replicate	3	2.444444	0.814815	1.626	0.1948
Treatment	17	173202.000000	10188.352941	20332.411	0.0001
Error	51	25.555556	0.501089		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Apr-16-19 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	167317.986111			
Replicate	3	121.263889	40.421296	2.077	0.1148
Treatment	17	166204.236111	9776.719771	502.388	0.0001
Error	51	992.486111	19.460512		
Randomized Complete Block (RCB) AOV For ----- Zeama Stunt Percent Apr-26-19 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	3294.444444			
Replicate	3	116.666667	38.888889	3.474	0.0225
Treatment	17	2606.944444	153.349673	13.701	0.0001
Error	51	570.833333	11.192810		
Randomized Complete Block (RCB) AOV For ----- Zeama Leaf Burn\chl Percent Apr-26-19 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	3311.111111			
Replicate	3	2.777778	0.925926	0.430	0.7321
Treatment	17	3198.611111	188.153595	87.456	0.0001
Error	51	109.722222	2.151416		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent Apr-26-19 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent Apr-26-19 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64591.250000			
Replicate	3	10.916667	3.638889	0.652	0.5872
Treatment	11	64396.250000	5854.204545	1049.464	0.0001
Error	33	184.083333	5.578283		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent Apr-26-19 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	66245.666667			
Replicate	3	284.500000	94.833333	1.375	0.2674
Treatment	11	63685.666667	5789.606061	83.963	0.0001
Error	33	2275.500000	68.954545		

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST					
Trial ID: CN-03-19		Study Dir.: HUNT SANDERS			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- Zeama Stunt Percent May-2-19 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	5721.875000			
Replicate	3	126.041667	42.013889	0.977	0.4108
Treatment	17	3403.125000	200.183824	4.656	0.0001
Error	51	2192.708333	42.994281		
Randomized Complete Block (RCB) AOV For ----- Zeama Leaf Burn Percent May-9-19 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	2396.875000			
Replicate	3	20.486111	6.828704	2.010	0.1242
Treatment	17	2203.125000	129.595588	38.146	0.0001
Error	51	173.263889	3.397331		
Randomized Complete Block (RCB) AOV For ----- Zeama Buggy Whipping Percent May-2-19 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	29561.111111			
Replicate	3	225.000000	75.000000	1.602	0.2004
Treatment	17	26948.611111	1585.212418	33.862	0.0001
Error	51	2387.500000	46.813725		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent May-2-19 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	71333.777778			
Replicate	3	81.222222	27.074074	1.550	0.2129
Treatment	17	70361.777778	4138.928105	236.967	0.0001
Error	51	890.777778	17.466231		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent May-2-19 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	71017.875000			
Replicate	3	78.486111	26.162037	0.991	0.4045
Treatment	17	69593.125000	4093.713235	155.081	0.0001
Error	51	1346.263889	26.397331		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent May-2-19 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	68801.111111			
Replicate	3	29.444444	9.814815	0.369	0.7758
Treatment	17	67414.611111	3965.565359	149.031	0.0001
Error	51	1357.055556	26.608932		
Randomized Complete Block (RCB) AOV For Zeama Stunting Percent May-14-19 (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	4474.652778			
Replicate	3	259.375000	86.458333	2.719	0.0541
Treatment	17	2593.402778	152.553105	4.797	0.0001
Error	51	1621.875000	31.801471		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent May-14-19 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	70819.111111			
Replicate	3	60.111111	20.037037	1.476	0.2321
Treatment	17	70066.611111	4121.565359	303.586	0.0001
Error	51	692.388889	13.576253		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent May-14-19 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	70385.500000			
Replicate	3	365.833333	121.944444	2.643	0.0591
Treatment	17	67667.000000	3980.411765	86.286	0.0001
Error	51	2352.666667	46.130719		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent May-14-19 (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	69050.986111			
Replicate	3	255.819444	85.273148	2.203	0.0990
Treatment	17	66820.736111	3930.631536	101.529	0.0001
Error	51	1974.430556	38.714325		

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST						
Trial ID: CN-03-19		Study Dir.: HUNT SANDERS				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent Jun-14-19 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	71	73367.652778				
Replicate	3	148.819444	49.606481	1.190	0.3229	
Treatment	17	71092.402778	4181.906046	100.298	0.0001	
Error	51	2126.430556	41.694717			
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent Jun-14-19 (Data Column 22)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	71	68677.500000				
Replicate	3	314.055556	104.685185	1.943	0.1344	
Treatment	17	65615.500000	3859.735294	71.634	0.0001	
Error	51	2747.944444	53.881264			
Randomized Complete Block (RCB) AOV For ----- ZEAMA PLOT YIELD LBS Aug-29-19 (Data Column 23)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	1745.957516				
Replicate	3	25.911765	8.637255	0.493	0.6898	
Treatment	16	1229.790850	76.861928	4.390	0.0003	
Error	28	490.254902	17.509104			
Randomized Complete Block (RCB) AOV For ----- ZEAMA PLOT YIELD BU/A Aug-29-19 TY1 0 (Data Column 24)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	44192.986952				
Replicate	3	655.868352	218.622784	0.493	0.6898	
Treatment	16	31127.980185	1945.498762	4.390	0.0003	
Error	28	12409.138414	443.183515			
<u>Weed Code</u>						
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.						
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.						
<u>Part Rated</u>						
Leaf = LEAF / FOLIAGE						
<u>PRM Data Type</u>						
TY1 = 5.031064*[23]						

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FIELD CORN PREMIX CONCEPT
 PPI, PRE, EPOST
 Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	Amapa	Agrass	Rapra		
Crop Code							Zeama	Zeama	-----	-----	-----		
Part Rated													
Rating Data Type							Injury	Injury	Control	Control	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent		
Rating Date							Apr-10-19	Apr-16-19	Apr-16-19	Apr-16-19	Apr-16-19		
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								202	0.0	0.0	0.0	0.0	0.0
								311	0.0	0.0	0.0	0.0	0.0
								409	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	ACURON	3.44	SC	3.0	qt/a	PPI	A	102	0.0	5.0	99.0	99.0	99.0
								218	0.0	0.0	99.0	95.0	99.0
								312	0.0	0.0	99.0	99.0	99.0
								415	0.0	0.0	99.0	95.0	99.0
								Mean =	0.0	1.3	99.0	97.0	99.0
3	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PPI	A	103	0.0	0.0	99.0	99.0	95.0
								201	0.0	0.0	99.0	99.0	95.0
								306	0.0	0.0	99.0	99.0	65.0
								416	0.0	0.0	99.0	99.0	65.0
								Mean =	0.0	0.0	99.0	99.0	80.0
4	RESICORE	3.29	SL	3.0	qt/a	PPI	A	104	0.0	0.0	99.0	99.0	99.0
								216	0.0	5.0	99.0	99.0	99.0
								305	0.0	0.0	99.0	99.0	99.0
								410	0.0	0.0	99.0	99.0	95.0
								Mean =	0.0	1.3	99.0	99.0	98.0
5	V-10206	85	WG	2.43	oz/a	PPI	A	105	0.0	5.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	PPI	A	213	10.0	5.0	99.0	99.0	99.0
	STINGER	3	SL	4.18	oz/a	PPI	A	308	0.0	0.0	99.0	99.0	90.0
								411	0.0	0.0	99.0	99.0	95.0
								Mean =	2.5	2.5	99.0	99.0	95.8
6	V-10206	85	WG	2.43	oz/a	PPI	A	106	0.0	0.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	PPI	A	212	10.0	5.0	99.0	99.0	99.0
	STINGER	3	SL	4.18	oz/a	PPI	A	315	0.0	5.0	99.0	99.0	85.0
	AATREX	4	L	24.0	oz/a	PPI	A	414	0.0	0.0	99.0	95.0	99.0
								Mean =	2.5	2.5	99.0	98.0	95.5
7	ACURON	3.44	SC	3.0	qt/a	PRE	B	107	0.0	0.0	99.0	99.0	99.0
								217	0.0	5.0	99.0	99.0	99.0
								313	0.0	0.0	99.0	99.0	99.0
								418	0.0	0.0	99.0	99.0	99.0
								Mean =	0.0	1.3	99.0	99.0	99.0
8	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PRE	B	108	0.0	0.0	99.0	99.0	99.0
								204	0.0	5.0	99.0	99.0	99.0
								316	0.0	0.0	99.0	99.0	99.0
								417	0.0	0.0	99.0	99.0	99.0
								Mean =	0.0	1.3	99.0	99.0	99.0
9	RESICORE	3.29	SL	3.0	qt/a	PRE	B	109	10.0	0.0	99.0	99.0	99.0
								207	0.0	0.0	99.0	99.0	99.0
								303	10.0	5.0	99.0	99.0	99.0
								404	0.0	0.0	99.0	99.0	99.0
								Mean =	5.0	1.3	99.0	99.0	99.0
10	V-10206	85	WG	2.43	oz/a	PRE	B	110	0.0	0.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	PRE	B	206	0.0	5.0	99.0	99.0	99.0
	STINGER	3	SL	4.18	oz/a	PRE	B	301	0.0	0.0	99.0	99.0	99.0
								406	0.0	0.0	99.0	99.0	99.0
								Mean =	0.0	1.3	99.0	99.0	99.0

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FIELD CORN PREMIX CONCEPT
 PPI, PRE, EPOST
 Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- Zeama	----- Zeama	Amapa -----	Agrass -----	Rapra -----		
							Injury Percent Apr-10-19	Injury Percent Apr-16-19	Control Percent Apr-16-19	Control Percent Apr-16-19	Control Percent Apr-16-19		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5
11	V-10206	85	WG	2.43	oz/a	PRE	B	111	0.0	0.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	PRE	B	203	0.0	5.0	99.0	99.0	99.0
	STINGER	3	SL	4.18	oz/a	PRE	B	307	0.0	5.0	99.0	99.0	99.0
	AATREX	4	L	24.0	oz/a	PRE	B	413	0.0	0.0	99.0	99.0	99.0
								Mean =	0.0	2.5	99.0	99.0	99.0
12	ACURON	3.44	SC	3.0	qt/a	EPOST	C	112	0.0	0.0	0.0	0.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	209	0.0	0.0	0.0	0.0	0.0
								304	0.0	0.0	0.0	0.0	0.0
								402	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
13	TRIPLEFLEX II	4.25	SL	1.0	qt/a	EPOST	C	113	0.0	0.0	0.0	0.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	208	0.0	0.0	0.0	0.0	0.0
								314	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
14	RESICORE	3.29	SL	1.25	qt/a	EPOST	C	114	0.0	0.0	0.0	0.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	215	0.0	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0	0.0
								407	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
15	V-10206	85	WG	2.43	oz/a	EPOST	C	115	0.0	0.0	0.0	0.0	0.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	205	0.0	0.0	0.0	0.0	0.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	317	0.0		0.0	0.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	408	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
16	V-10206	85	WG	2.43	oz/a	EPOST	C	116	0.0	0.0	0.0	0.0	0.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	211	0.0	0.0	0.0	0.0	0.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	318	0.0	0.0	0.0	0.0	0.0
	AATREX	4	L	24.0	oz/a	EPOST	C	412	0.0	0.0	0.0	0.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	C						
								Mean =	0.0	0.0	0.0	0.0	0.0
17	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	C	117	0.0	0.0	0.0	0.0	0.0
	AATREX	4	L	64.0	oz/a	EPOST	C	210	0.0	0.0	0.0	0.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	C	309	0.0	0.0	0.0	0.0	0.0
								403	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
18	NTC							118	0.0	0.0	0.0	0.0	0.0
								214	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0
								401	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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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST													
Trial ID: CN-03-19		Study Dir.: HUNT SANDERS											
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	----- Zeama Leaf - Burn\chl Percent	Amapa ----- Control Percent	Agrass ----- Control Percent	Rapra ----- Control Percent	----- Zeama Stunt Percent
								Apr-26-19	Apr-26-19	Apr-26-19	Apr-26-19	Apr-26-19	May-2-19
Trt	Treatment	Form	Form	Rate	Grow	Appl		6	7	8	9	10	11
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot					
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								202	0.0	0.0	0.0	0.0	0.0
								311	0.0	0.0	0.0	0.0	0.0
								409	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	ACURON	3.44	SC	3.0	qt/a	PPI	A	102	0.0	0.0	99.0	99.0	0.0
								218	10.0	0.0	99.0	95.0	0.0
								312	0.0	0.0	99.0	99.0	0.0
								415	0.0	0.0	99.0	99.0	0.0
								Mean =	2.5	0.0	99.0	98.0	0.0
3	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PPI	A	103	0.0	0.0	99.0	99.0	0.0
								201	10.0	0.0	99.0	99.0	0.0
								306	0.0	0.0	99.0	99.0	0.0
								416	0.0	0.0	99.0	95.0	0.0
								Mean =	2.5	0.0	99.0	98.0	0.0
4	RESICORE	3.29	SL	3.0	qt/a	PPI	A	104	0.0	0.0	99.0	99.0	0.0
								216	10.0	0.0	99.0	99.0	10.0
								305	0.0	0.0	99.0	99.0	0.0
								410	10.0	0.0	99.0	95.0	0.0
								Mean =	5.0	0.0	99.0	98.0	2.5
5	V-10206	85	WG	2.43	oz/a	PPI	A	105	10.0	0.0	99.0	99.0	10.0
	CALLISTO	4	SC	4.128	oz/a	PPI	A	213	10.0	0.0	99.0	99.0	10.0
	STINGER	3	SL	4.18	oz/a	PPI	A	308	10.0	0.0	99.0	85.0	10.0
								411	10.0	0.0	99.0	99.0	10.0
								Mean =	10.0	0.0	99.0	95.5	10.0
6	V-10206	85	WG	2.43	oz/a	PPI	A	106	10.0	0.0	99.0	99.0	0.0
	CALLISTO	4	SC	4.128	oz/a	PPI	A	212	10.0	0.0	99.0	99.0	10.0
	STINGER	3	SL	4.18	oz/a	PPI	A	315	10.0	0.0	99.0	99.0	10.0
	AATREX	4	L	24.0	oz/a	PPI	A	414	10.0	0.0	99.0	95.0	10.0
								Mean =	10.0	0.0	99.0	98.0	7.5
7	ACURON	3.44	SC	3.0	qt/a	PRE	B	107	10.0	0.0	99.0	99.0	20.0
								217	20.0	0.0	99.0	99.0	25.0
								313	0.0	0.0	99.0	99.0	5.0
								418	15.0	0.0	99.0	99.0	25.0
								Mean =	11.3	0.0	99.0	99.0	18.8
8	TRIPLEFLEX II	4.25	SL	1.0	qt/a	PRE	B	108	0.0	0.0	99.0	99.0	0.0
								204	10.0	0.0	99.0	99.0	10.0
								316	0.0	0.0	99.0	99.0	0.0
								417	0.0	0.0	99.0	99.0	0.0
								Mean =	2.5	0.0	99.0	99.0	2.5
9	RESICORE	3.29	SL	3.0	qt/a	PRE	B	109	0.0	0.0	99.0	99.0	0.0
								207	0.0	0.0	99.0	99.0	0.0
								303	10.0	0.0	99.0	99.0	0.0
								404	10.0	0.0	99.0	99.0	0.0
								Mean =	5.0	0.0	99.0	99.0	0.0
10	V-10206	85	WG	2.43	oz/a	PRE	B	110	20.0	0.0	99.0	99.0	40.0
	CALLISTO	4	SC	4.128	oz/a	PRE	B	206	20.0	0.0	99.0	99.0	0.0
	STINGER	3	SL	4.18	oz/a	PRE	B	301	15.0	0.0	99.0	99.0	15.0
								406	20.0	0.0	99.0	99.0	20.0
								Mean =	18.8	0.0	99.0	99.0	18.8

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST														
Trial ID: CN-03-19 Study Dir.: HUNT SANDERS														
Location: PONDER FARM Investigator: Eric P. Prostko														
Weed Code							----- Zeama	----- Zeama	Amapa -----	Agrass -----	Rapra -----	----- Zeama		
Crop Code							Stunt Percent	Leaf - Burn\chl Percent	Control Percent	Control Percent	Control Percent	Stunt Percent		
Part Rated							Apr-26-19	Apr-26-19	Apr-26-19	Apr-26-19	Apr-26-19	May-2-19		
Rating Data Type														
Rating Unit														
Rating Date														
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Plot	6	7	8	9	10	11
11	V-10206	85	WG	2.43	oz/a	PRE	B	111	20.0	0.0	99.0	99.0	99.0	40.0
	CALLISTO	4	SC	4.128	oz/a	PRE	B	203	20.0	0.0	99.0	99.0	99.0	25.0
	STINGER	3	SL	4.18	oz/a	PRE	B	307	15.0	0.0	99.0	99.0	99.0	0.0
	AATREX	4	L	24.0	oz/a	PRE	B	413	15.0	0.0	99.0	99.0	99.0	10.0
								Mean =	17.5	0.0	99.0	99.0	99.0	18.8
12	ACURON	3.44	SC	3.0	qt/a	EPOST	C	112	0.0	20.0	.	.	.	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	209	0.0	25.0	.	.	.	10.0
								304	0.0	25.0	.	.	.	10.0
								402	0.0	25.0	.	.	.	5.0
								Mean =	0.0	23.8	.	.	.	6.3
13	TRIPLEFLEX II	4.25	SL	1.0	qt/a	EPOST	C	113	0.0	5.0	.	.	.	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	208	0.0	10.0	.	.	.	0.0
								314	0.0	10.0	.	.	.	0.0
								405	0.0	15.0	.	.	.	0.0
								Mean =	0.0	10.0	.	.	.	0.0
14	RESICORE	3.29	SL	1.25	qt/a	EPOST	C	114	0.0	10.0	.	.	.	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	215	0.0	10.0	.	.	.	5.0
								302	0.0	10.0	.	.	.	0.0
								407	0.0	10.0	.	.	.	0.0
								Mean =	0.0	10.0	.	.	.	1.3
15	V-10206	85	WG	2.43	oz/a	EPOST	C	115	0.0	5.0	.	.	.	0.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	205	0.0	0.0	.	.	.	0.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	317	0.0	5.0	.	.	.	0.0
	AGRIDEX			1.0	% v/v	EPOST	C	408	0.0	0.0	.	.	.	0.0
								Mean =	0.0	2.5	.	.	.	0.0
16	V-10206	85	WG	2.43	oz/a	EPOST	C	116	0.0	15.0	.	.	.	0.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	211	0.0	15.0	.	.	.	0.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	318	0.0	15.0	.	.	.	0.0
	AATREX	4	L	24.0	oz/a	EPOST	C	412	0.0	15.0	.	.	.	0.0
	AGRIDEX			1.0	% v/v	EPOST	C				.	.	.	
								Mean =	0.0	15.0	.	.	.	0.0
17	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	C	117	0.0	10.0	.	.	.	0.0
	AATREX	4	L	64.0	oz/a	EPOST	C	210	0.0	10.0	.	.	.	0.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	C	309	0.0	5.0	.	.	.	0.0
								403	0.0	10.0	.	.	.	0.0
								Mean =	0.0	8.8	.	.	.	0.0
18	NTC							118	0.0	0.0	0.0	0.0	0.0	0.0
								214	0.0	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0	0.0
								401	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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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST												
Trial ID: CN-03-19 Study Dir.: HUNT SANDERS												
Location: PONDER FARM Investigator: Eric P. Prostko												
Weed Code							----- Zeama Leaf - Burn Percent May-9-19	----- Zeama Buggy - Whipping Percent May-2-19	----- Amapa Control Percent May-2-19	----- Rapra Control Percent May-2-19	----- Agrass Control Percent May-2-19	----- Zeama Stunting Percent May-14-19
Crop Code							12	13	14	15	16	17
Part Rated												
Rating Data Type												
Rating Unit												
Rating Date												
PRM Data Type												
# Subsamples, Dec.												
Trt Treatment	Form Form	Rate	Grow	Appl								
No. Name	Conc Type	Rate Unit	Stg	Code Plot								
1 NTC					101	0.0	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	0.0
					311	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					409	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 ACURON	3.44 SC	3.0 qt/a	PPI	A	102	0.0	0.0	99.0	99.0	95.0	5.0	
					218	0.0	0.0	99.0	99.0	90.0	0.0	
					312	0.0	0.0	99.0	99.0	99.0	0.0	
					415	0.0	0.0	99.0	99.0	95.0	10.0	
					Mean =	0.0	0.0	99.0	99.0	94.8	3.8	
3 TRIPLEFLEX II	4.25 SL	1.0 qt/a	PPI	A	103	0.0	0.0	99.0	85.0	65.0	15.0	
					201	0.0	0.0	99.0	99.0	99.0	0.0	
					306	0.0	0.0	85.0	50.0	95.0	0.0	
					416	0.0	0.0	99.0	65.0	85.0	5.0	
					Mean =	0.0	0.0	95.5	74.8	86.0	5.0	
4 RESICORE	3.29 SL	3.0 qt/a	PPI	A	104	0.0	0.0	99.0	99.0	99.0	15.0	
					216	0.0	0.0	99.0	99.0	99.0	5.0	
					305	0.0	0.0	99.0	99.0	99.0	0.0	
					410	0.0	0.0	99.0	99.0	99.0	0.0	
					Mean =	0.0	0.0	99.0	99.0	99.0	5.0	
5 V-10206	85 WG	2.43 oz/a	PPI	A	105	0.0	0.0	99.0	99.0	99.0	20.0	
CALLISTO	4 SC	4.128 oz/a	PPI	A	213	0.0	0.0	99.0	99.0	99.0	15.0	
STINGER	3 SL	4.18 oz/a	PPI	A	308	0.0	0.0	99.0	99.0	99.0	15.0	
					411	0.0	0.0	99.0	99.0	99.0	10.0	
					Mean =	0.0	0.0	99.0	99.0	99.0	15.0	
6 V-10206	85 WG	2.43 oz/a	PPI	A	106	0.0	0.0	99.0	99.0	99.0	25.0	
CALLISTO	4 SC	4.128 oz/a	PPI	A	212	0.0	0.0	99.0	99.0	99.0	10.0	
STINGER	3 SL	4.18 oz/a	PPI	A	315	0.0	0.0	99.0	99.0	99.0	25.0	
AATREX	4 L	24.0 oz/a	PPI	A	414	0.0	0.0	99.0	95.0	90.0	10.0	
					Mean =	0.0	0.0	99.0	98.0	96.8	17.5	
7 ACURON	3.44 SC	3.0 qt/a	PRE	B	107	0.0	50.0	99.0	99.0	99.0	5.0	
					217	0.0	65.0	99.0	99.0	99.0	5.0	
					313	0.0	20.0	99.0	99.0	99.0	0.0	
					418	0.0	50.0	99.0	99.0	99.0	15.0	
					Mean =	0.0	46.3	99.0	99.0	99.0	6.3	
8 TRIPLEFLEX II	4.25 SL	1.0 qt/a	PRE	B	108	0.0	0.0	99.0	99.0	99.0	0.0	
					204	0.0	0.0	99.0	99.0	99.0	10.0	
					316	0.0	0.0	99.0	99.0	95.0	0.0	
					417	0.0	0.0	99.0	99.0	99.0	10.0	
					Mean =	0.0	0.0	99.0	99.0	98.0	5.0	
9 RESICORE	3.29 SL	3.0 qt/a	PRE	B	109	0.0	0.0	99.0	99.0	99.0	0.0	
					207	0.0	0.0	99.0	99.0	99.0	0.0	
					303	0.0	0.0	99.0	99.0	99.0	0.0	
					404	0.0	0.0	99.0	99.0	95.0	5.0	
					Mean =	0.0	0.0	99.0	99.0	98.0	1.3	
10 V-10206	85 WG	2.43 oz/a	PRE	B	110	0.0	75.0	99.0	99.0	99.0	30.0	
CALLISTO	4 SC	4.128 oz/a	PRE	B	206	0.0	40.0	99.0	99.0	99.0	5.0	
STINGER	3 SL	4.18 oz/a	PRE	B	301	0.0	50.0	99.0	99.0	99.0	10.0	
					406	0.0	65.0	99.0	99.0	99.0	15.0	
					Mean =	0.0	57.5	99.0	99.0	99.0	15.0	

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FIELD CORN PREMIX CONCEPT
PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

							Amapa -----	Rapra -----	Agrass -----	Amapa -----	Agrass -----		
							Control Percent May-14-19	Control Percent May-14-19	Control Percent May-14-19	Control Percent Jun-14-19	Control Percent Jun-14-19		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	18	19	20	21	22
1	NTC						101	0.0	0.0	0.0	0.0	0.0	
		202	0.0	0.0	0.0	0.0							
		311	0.0	0.0	0.0	0.0							
		409	0.0	0.0	0.0	0.0							
		Mean =	0.0	0.0	0.0	0.0							
2	ACURON	3.44 SC		3.0 qt/a	PPI	A	102	99.0	99.0	95.0	99.0	90.0	
							218	99.0	99.0	75.0	99.0	75.0	
							312	99.0	99.0	95.0	99.0	85.0	
							415	99.0	99.0	75.0	99.0	75.0	
							Mean =	96.8	99.0	85.0	96.8	81.3	
3	TRIPLEFLEX II	4.25 SL		1.0 qt/a	PPI	A	103	90.0	95.0	65.0	99.0	50.0	
							201	99.0	99.0	99.0	99.0	95.0	
							306	95.0	50.0	95.0	85.0	75.0	
							416	99.0	85.0	70.0	99.0	50.0	
							Mean =	95.8	82.3	82.3	95.5	67.5	
4	RESICORE	3.29 SL		3.0 qt/a	PPI	A	104	99.0	99.0	99.0	99.0	95.0	
							216	99.0	99.0	99.0	90.0	95.0	
							305	99.0	99.0	99.0	99.0	95.0	
							410	99.0	75.0	85.0	95.0	85.0	
							Mean =	99.0	93.0	95.5	95.8	92.5	
5	V-10206 CALLISTO STINGER	85 WG 4 SC 3 SL	2.43 oz/a 4.128 oz/a 4.18 oz/a	PPI PPI PPI	A A A		105	99.0	99.0	99.0	95.0	90.0	
							213	99.0	99.0	85.0	95.0	90.0	
							308	99.0	75.0	95.0	95.0	95.0	
							411	99.0	90.0	95.0	95.0	95.0	
							Mean =	99.0	90.8	93.5	95.0	92.5	
6	V-10206 CALLISTO STINGER AATREX	85 WG 4 SC 3 SL 4 L	2.43 oz/a 4.128 oz/a 4.18 oz/a 24.0 oz/a	PPI PPI PPI PPI	A A A A		106	99.0	99.0	95.0	99.0	90.0	
							212	99.0	99.0	99.0	95.0	95.0	
							315	99.0	75.0	95.0	95.0	75.0	
							414	99.0	85.0	70.0	99.0	65.0	
							Mean =	99.0	89.5	89.8	97.0	81.3	
7	ACURON	3.44 SC		3.0 qt/a	PRE	B	107	99.0	99.0	99.0	99.0	99.0	
							217	99.0	99.0	99.0	99.0	99.0	
							313	99.0	99.0	95.0	99.0	90.0	
							418	99.0	99.0	99.0	99.0	95.0	
							Mean =	99.0	99.0	98.0	99.0	95.8	
8	TRIPLEFLEX II	4.25 SL		1.0 qt/a	PRE	B	108	99.0	99.0	99.0	99.0	99.0	
							204	99.0	99.0	99.0	99.0	95.0	
							316	99.0	99.0	99.0	90.0	95.0	
							417	99.0	99.0	99.0	99.0	95.0	
							Mean =	99.0	99.0	99.0	96.8	96.0	
9	RESICORE	3.29 SL		3.0 qt/a	PRE	B	109	99.0	99.0	99.0	99.0	99.0	
							207	99.0	99.0	99.0	95.0	95.0	
							303	99.0	99.0	99.0	99.0	95.0	
							404	99.0	99.0	99.0	99.0	95.0	
							Mean =	99.0	99.0	99.0	98.0	96.0	
10	V-10206 CALLISTO STINGER	85 WG 4 SC 3 SL	2.43 oz/a 4.128 oz/a 4.18 oz/a	PRE PRE PRE	B B B		110	99.0	99.0	99.0	99.0	95.0	
							206	99.0	99.0	99.0	99.0	95.0	
							301	99.0	99.0	99.0	99.0	95.0	
							406	99.0	99.0	99.0	99.0	95.0	
							Mean =	99.0	99.0	99.0	99.0	95.0	

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FIELD CORN PREMIX CONCEPT PPI, PRE, EPOST							Amapa -----	Rapra -----	Agrass -----	Amapa -----	Agrass -----		
Trial ID: CN-03-19 Study Dir.: HUNT SANDERS							Control Percent	Control Percent	Control Percent	Control Percent	Control Percent		
Location: PONDER FARM Investigator: Eric P. Prostko							May-14-19	May-14-19	May-14-19	Jun-14-19	Jun-14-19		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	18	19	20	21	22
11	V-10206	85	WG	2.43	oz/a	PRE	B	111	99.0	99.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	PRE	B	203	99.0	99.0	99.0	99.0	95.0
	STINGER	3	SL	4.18	oz/a	PRE	B	307	99.0	99.0	99.0	99.0	95.0
	AATREX	4	L	24.0	oz/a	PRE	B	413	99.0	99.0	99.0	99.0	95.0
								Mean =	99.0	99.0	99.0	99.0	96.0
12	ACURON	3.44	SC	3.0	qt/a	EPOST	C	112	99.0	99.0	99.0	99.0	99.0
	AGRIDEX			1.0	% v/v	EPOST	C	209	99.0	99.0	99.0	99.0	99.0
								304	99.0	99.0	99.0	99.0	99.0
								402	99.0	99.0	95.0	99.0	99.0
								Mean =	99.0	99.0	98.0	99.0	99.0
13	TRIPLEFLEX II	4.25	SL	1.0	qt/a	EPOST	C	113	65.0	99.0	65.0	30.0	50.0
	AGRIDEX			1.0	% v/v	EPOST	C	208	70.0	99.0	65.0	50.0	50.0
								314	50.0	99.0	65.0	50.0	50.0
								405	85.0	99.0	65.0	90.0	65.0
								Mean =	67.5	99.0	65.0	55.0	53.8
14	RESICORE	3.29	SL	1.25	qt/a	EPOST	C	114	99.0	99.0	90.0	99.0	85.0
	AGRIDEX			1.0	% v/v	EPOST	C	215	99.0	99.0	99.0	99.0	95.0
								302	99.0	99.0	85.0	99.0	75.0
								407	95.0	99.0	85.0	95.0	65.0
								Mean =	98.0	99.0	89.8	98.0	80.0
15	V-10206	85	WG	2.43	oz/a	EPOST	C	115	99.0	99.0	99.0	99.0	95.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	205	99.0	99.0	99.0	99.0	99.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	317	99.0	99.0	99.0	99.0	95.0
	AGRIDEX			1.0	% v/v	EPOST	C	408	99.0	99.0	99.0	99.0	95.0
								Mean =	99.0	99.0	99.0	99.0	96.0
16	V-10206	85	WG	2.43	oz/a	EPOST	C	116	99.0	99.0	99.0	99.0	99.0
	CALLISTO	4	SC	4.128	oz/a	EPOST	C	211	99.0	99.0	99.0	99.0	95.0
	STINGER	3	SL	4.18	oz/a	EPOST	C	318	99.0	99.0	99.0	99.0	99.0
	AATREX	4	L	24.0	oz/a	EPOST	C	412	99.0	99.0	99.0	99.0	95.0
	AGRIDEX			1.0	% v/v	EPOST	C						
								Mean =	99.0	99.0	99.0	99.0	97.0
17	ROUNDUP PMAX	5.5	SL	32.0	oz/a	EPOST	C	117	99.0	99.0	99.0	95.0	99.0
	AATREX	4	L	64.0	oz/a	EPOST	C	210	99.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	EPOST	C	309	99.0	99.0	99.0	99.0	95.0
								403	99.0	99.0	99.0	99.0	99.0
								Mean =	99.0	99.0	99.0	98.0	98.0
18	NTC							118	0.0	0.0	0.0	0.0	0.0
								214	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0
								401	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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FIELD CORN PREMIX CONCEPT
PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

	----- ZEAMA PLOT - YIELD LBS Aug-29-19	----- ZEAMA PLOT - YIELD BU/A Aug-29-19 TY1 - 0																
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Trt</td> <td style="width: 15%;">Treatment</td> <td style="width: 10%;">Form</td> <td style="width: 10%;">Form</td> <td style="width: 10%;">Rate</td> <td style="width: 10%;">Grow</td> <td style="width: 10%;">Appl</td> <td style="width: 10%;"></td> </tr> <tr> <td>No.</td> <td>Name</td> <td>Conc</td> <td>Type</td> <td>Rate</td> <td>Stg</td> <td>Code</td> <td>Plot</td> </tr> </table>	Trt	Treatment	Form	Form	Rate	Grow	Appl		No.	Name	Conc	Type	Rate	Stg	Code	Plot	23	24
Trt	Treatment	Form	Form	Rate	Grow	Appl												
No.	Name	Conc	Type	Rate	Stg	Code	Plot											
1 NTC																		
	101	.																
	202	38.0																
	311	.																
	409	37.0																
	Mean =	37.5																
2 ACURON	3.44 SC	3.0 qt/a																
	PPI	A																
	102	.																
	218	.																
	312	.																
	415	56.0																
	Mean =	56.0																
3 TRIPLEFLEX II	4.25 SL	1.0 qt/a																
	PPI	A																
	103	48.0																
	201	40.0																
	306	56.0																
	416	52.0																
	Mean =	49.0																
4 RESICORE	3.29 SL	3.0 qt/a																
	PPI	A																
	104	50.0																
	216	53.0																
	305	53.0																
	410	47.0																
	Mean =	50.8																
5 V-10206	85 WG	2.43 oz/a																
CALLISTO	4 SC	4.128 oz/a																
STINGER	3 SL	4.18 oz/a																
	PPI	A																
	105	45.0																
	213	49.0																
	308	48.0																
	411	47.0																
	Mean =	47.3																
6 V-10206	85 WG	2.43 oz/a																
CALLISTO	4 SC	4.128 oz/a																
STINGER	3 SL	4.18 oz/a																
AATREX	4 L	24.0 oz/a																
	PPI	A																
	106	49.0																
	212	51.0																
	315	45.0																
	414	53.0																
	Mean =	49.5																
7 ACURON	3.44 SC	3.0 qt/a																
	PRE	B																
	107	49.0																
	217	.																
	313	.																
	418	.																
	Mean =	49.0																
8 TRIPLEFLEX II	4.25 SL	1.0 qt/a																
	PRE	B																
	108	54.0																
	204	48.0																
	316	57.0																
	417	.																
	Mean =	53.0																
9 RESICORE	3.29 SL	3.0 qt/a																
	PRE	B																
	109	59.0																
	207	.																
	303	46.0																
	404	51.0																
	Mean =	52.0																
10 V-10206	85 WG	2.43 oz/a																
CALLISTO	4 SC	4.128 oz/a																
STINGER	3 SL	4.18 oz/a																
	PRE	B																
	110	44.0																
	206	.																
	301	.																
	406	.																
	Mean =	44.0																

University of Georgia

FIELD CORN PREMIX CONCEPT
PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS
Location: PONDER FARM Investigator: Eric P. Prostko

							----- ZEAMA PLOT - YIELD LBS Aug-29-19	----- ZEAMA PLOT - YIELD BU/A Aug-29-19 TY1 - 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	
11	V-10206	85	WG	2.43 oz/a	PRE	B	111	.
	CALLISTO	4	SC	4.128 oz/a	PRE	B	203	44.0
	STINGER	3	SL	4.18 oz/a	PRE	B	307	47.0
	AATREX	4	L	24.0 oz/a	PRE	B	413	50.0
							Mean =	47.0
12	ACURON	3.44	SC	3.0 qt/a	EPOST	C	112	.
	AGRIDEX			1.0 % v/v	EPOST	C	209	46.0
							304	50.0
							402	52.0
							Mean =	49.3
13	TRIPLEFLEX II	4.25	SL	1.0 qt/a	EPOST	C	113	.
	AGRIDEX			1.0 % v/v	EPOST	C	208	.
							314	.
							405	.
							Mean =	.
14	RESICORE	3.29	SL	1.25 qt/a	EPOST	C	114	.
	AGRIDEX			1.0 % v/v	EPOST	C	215	51.0
							302	.
							407	.
							Mean =	51.0
15	V-10206	85	WG	2.43 oz/a	EPOST	C	115	50.0
	CALLISTO	4	SC	4.128 oz/a	EPOST	C	205	.
	STINGER	3	SL	4.18 oz/a	EPOST	C	317	56.0
	AGRIDEX			1.0 % v/v	EPOST	C	408	.
							Mean =	53.0
16	V-10206	85	WG	2.43 oz/a	EPOST	C	116	48.0
	CALLISTO	4	SC	4.128 oz/a	EPOST	C	211	52.0
	STINGER	3	SL	4.18 oz/a	EPOST	C	318	56.0
	AATREX	4	L	24.0 oz/a	EPOST	C	412	59.0
	AGRIDEX			1.0 % v/v	EPOST	C		
							Mean =	53.8
17	ROUNDUP PMAX	5.5	SL	32.0 oz/a	EPOST	C	117	50.0
	AATREX	4	L	64.0 oz/a	EPOST	C	210	53.0
	PROWL H20	3.8	SC	32.0 oz/a	EPOST	C	309	53.0
							403	55.0
							Mean =	52.8
18	NTC						118	48.0
							214	48.0
							310	40.0
							401	46.0
							Mean =	45.5

University of Georgia

FIELD CORN PREMIX CONCEPT

PPI, PRE, EPOST

Trial ID: CN-03-19 Study Dir.: HUNT SANDERS

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

Leaf = LEAF / FOLIAGE

PRM Data Type

TY1 = 5.031064*[23]