

University of Georgia

HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC								-	101	210	308	403
2	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1400.0 mL	102	205	303	408
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST	A	25.0 mL/mx					
3	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1392.2 mL	103	204	305	409
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST	A	25.0 mL/mx					
	HEADLINE AMP	1.68	SC	10.0	oz/a	EPOST	A	7.812 mL/mx					
4	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1389.3 mL	104	203	312	407
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST	A	25.0 mL/mx					
	TRIVAPRO	2.21	SC	13.7	oz/a	EPOST	A	10.7 mL/mx					
5	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1396.9 mL	105	213	310	412
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	PROWL H2O	3.8	SC	32.0	oz/a	EPOST	A	25.0 mL/mx					
	STRATEGO YLD	41.6	SC	4.0	oz/a	EPOST	A	3.125 mL/mx					
6	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1422.7 mL	106	211	307	413
	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx					
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
7	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1414.9 mL	107	212	309	406
	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx					
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	HEADLINE AMP	1.68	SC	10.0	oz/a	EPOST	A	7.812 mL/mx					
8	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1412.0 mL	108	207	313	405
	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx					
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	TRIVAPRO	2.21	SC	13.7	oz/a	EPOST	A	10.7 mL/mx					
9	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	EPOST	A	25.0 mL/mx	1419.5 mL	109	206	302	404
	LAUDIS	3.45	SC	3.0	oz/a	EPOST	A	2.343 mL/mx					
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	STRATEGO YLD	41.6	SC	4.0	oz/a	EPOST	A	3.125 mL/mx					
10	HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	45.31 mL/mx	1401.0 mL	110	201	311	401
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	NIS			0.25	% v/v	EPOST	A	3.75 mL/mx					
11	HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	45.31 mL/mx	1393.1 mL	111	208	301	411
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	HEADLINE AMP	1.68	SC	10.0	oz/a	EPOST	A	7.812 mL/mx					
	NIS			0.25	% v/v	EPOST	A	3.75 mL/mx					
12	HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	45.31 mL/mx	1390.3 mL	112	202	304	410
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	TRIVAPRO	2.21	SC	13.7	oz/a	EPOST	A	10.7 mL/mx					
	NIS			0.25	% v/v	EPOST	A	3.75 mL/mx					
13	HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	45.31 mL/mx	1397.8 mL	113	209	306	402
	ATRAZINE	4	L	64.0	oz/a	EPOST	A	49.99 mL/mx					
	STRATEGO YLD	41.6	SC	4.0	oz/a	EPOST	A	3.125 mL/mx					
	NIS			0.25	% v/v	EPOST	A	3.75 mL/mx					

Sort Order: Treatment

Trial Comments

NIS = INDUCE (HELENA)

HALEX GT = S-MOC (2.09) + MESOTRIONE (0.209) + GLYPHOSATE (2.09)

STRATEGO YLD = PROTHIOCONAZOLE (1.05 LBS/GAL) + TRIFLOXYSTROBIN (3.13 LBS/GAL)

HEADLINE AMP = PYRACLOSTROBIN (1.22 LBS/GAL) + METCONAZOL (0.46 LBS/GAL)

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TRIVAPRO = BENZOVINDIFLUPYR (0.25 LBS/GAL) + AZOXYSTROBIN (0.92 LBS/GAL) + PROPICONAZOLE (1.04 LBS/GAL)

HARVEST MOISTURE: 15.8%
YIELDS ADJUSTED TO 15.5%

SUMMARY:

- 1) FUNGICIDES TANK-MIXED WITH HALEX GT INCREASED CORN LEAF BURN BUT NOT WHEN TANK-MIXED WITH ROUNDUP + ATRAZINE OR ROUNDUP + ATRAZINE + LAUDIS.
- 2) FUNGICIDES TANK-MIXED WITH HERBICIDES DID NOT INFLUENCE WEED CONTROL.
- 3) NO HERBICIDE/FUNGICIDE TREATMENT HAD AN EFFECT ON FINAL CORN YIELD (P=0.1128)

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Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: _____ **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.** DIGSP CRABGRASS
Weed 3. RAPRA WILD RADISH **4.** SPRAR CORN SPURRY
Weed 5. MOLVE CARPETWEED **6.** ARAHY V. PEANUT

Crop 1: ZEAMA FIELD CORN **Variety:** DKC 62-08 **Planting Date:** Apr-1-19
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: _____ **Study Design:** RACOBL
Tillage Type: CONVENTIONAL
Trial Initiation Comments: 800 LBS/A 5-15-30 PPLNT; 125 LBS/A N ON APRIL 22; 128 LBS/A N ON MAY 1; AXILO MIX5 @ 2 LBS/A ON 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:** 0.91 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2
pH: 6.0 **CEC:** 3.6 **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 - LATERAL MOVE		
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		0.83		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 RAINFALL		
11. Apr-26-19		0.03		IN RAINFALL		
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 RAINFALL		
15. May-10-19		0.3		IN SPRINKLER - LATERAL MOVE		
16. May-10-19		0.11		IN RAINFALL		
17. May-11-19		0.65		IN RAINFALL		
18. May-12-19		0.27		IN RAINFALL		
19. May-16-19		0.5		IN SPRINKLER - LATERAL MOVE		
20. May-17-19		0.62		IN RAINFALL		
21. May-21-19		0.5		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-24-19					
Time of Day:	8:00 AM					
Application Method:	BROADCAST					
Application Timing:	EPOST					
Applic. Placement:	FOLIAGE					
Air Temp., Unit:	62 F					
% Relative Humidity:	78					
Wind Velocity, Unit:	2 MPH					
Dew Presence (Y/N):	N					
Water Hardness:	--					
Soil Temp., Unit:	66 F					
Soil Moisture:	OPTIMUM					
% Cloud Cover:	40					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:	ZEAMA					
Stage Scale:	V5: 8"					
Height, Unit:						

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WEED STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Weed 1	Stage: AMAPA 1-3"	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: DIGSP 1-2"	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 3	Stage: RAPRA 1-3"	_____	_____	_____	_____	_____	_____
	Stage Scale: 4-6 LF	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 4	Stage: SPRAR 2"	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 5	Stage: MOLVE 0.5" DIAM	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

APPLICATION EQUIPMENT

		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	32	_____	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.0	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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Trial ID: CN-07-19		Study Dir.: Eric P. Prostko												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.	----- ZEAMA Leaf - Burn Percent Apr-26-19	----- ZEAMA Stunting Percent May-2-19	----- ZEAMA Leaf - Burn Percent May-2-19	AMAPA ----- Control Percent May-2-19	RAPRA ----- Control Percent May-2-19	AGRASS ----- Control Percent May-2-19
						2 DA-A			8 DA-A	8 DA-A	8 DA-A	8 DA-A	8 DA-A	8 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code		1	2	3	4	5	6
1	NTC								0.0 e	0.0 -	0.0 e	0.0 b	0.0 b	0.0 c
2	ROUNDUP P-MAX ATRAZINE PROWL H20	5.5 4 3.8	SL L SC	32.0 64.0 32.0	oz/a oz/a oz/a	EPOST EPOST EPOST	A A A		2.5 cde	0.0 -	1.3 de	99.0 a	99.0 a	95.8 b
3	ROUNDUP P-MAX ATRAZINE PROWL H20 HEADLINE AMP	5.5 4 3.8 1.68	SL L SC SC	32.0 64.0 32.0 10.0	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		5.0 c	0.0 -	3.8 c	99.0 a	99.0 a	99.0 a
4	ROUNDUP P-MAX ATRAZINE PROWL H20 TRIVAPRO	5.5 4 3.8 2.21	SL L SC SC	32.0 64.0 32.0 13.7	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		5.0 c	0.0 -	0.0 e	99.0 a	99.0 a	97.0 ab
5	ROUNDUP P-MAX ATRAZINE PROWL H20 STRATEGO YLD	5.5 4 3.8 41.6	SL L SC SC	32.0 64.0 32.0 4.0	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		3.3 cd	0.0 -	2.5 cd	99.0 a	99.0 a	96.8 ab
6	ROUNDUP P-MAX LAUDIS ATRAZINE	5.5 3.45 4	SL SC L	32.0 3.0 64.0	oz/a oz/a oz/a	EPOST EPOST EPOST	A A A		1.3 de	0.0 -	0.0 e	99.0 a	99.0 a	99.0 a
7	ROUNDUP P-MAX LAUDIS ATRAZINE HEADLINE AMP	5.5 3.45 4 1.68	SL SC L SC	32.0 3.0 64.0 10.0	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		2.5 cde	0.0 -	1.3 de	99.0 a	99.0 a	99.0 a
8	ROUNDUP P-MAX LAUDIS ATRAZINE TRIVAPRO	5.5 3.45 4 2.21	SL SC L SC	32.0 3.0 64.0 13.7	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		1.3 de	0.0 -	0.0 e	99.0 a	99.0 a	99.0 a
9	ROUNDUP P-MAX LAUDIS ATRAZINE STRATEGO YLD	5.5 3.45 4 41.6	SL SC L SC	32.0 3.0 64.0 4.0	oz/a oz/a oz/a oz/a	EPOST EPOST EPOST EPOST	A A A A		3.8 cd	0.0 -	0.0 e	99.0 a	99.0 a	99.0 a
10	HALEX GT ATRAZINE NIS	4.39 4 0.25	SC L % v/v	58.0 64.0 0.25	oz/a oz/a % v/v	EPOST EPOST EPOST	A A A		5.0 c	0.0 -	2.5 cd	99.0 a	99.0 a	98.0 ab
11	HALEX GT ATRAZINE HEADLINE AMP NIS	4.39 4 1.68 0.25	SC L SC % v/v	58.0 64.0 10.0 0.25	oz/a oz/a oz/a % v/v	EPOST EPOST EPOST EPOST	A A A A		13.8 b	0.0 -	16.3 b	99.0 a	99.0 a	98.0 ab
12	HALEX GT ATRAZINE TRIVAPRO NIS	4.39 4 2.21 0.25	SC L SC % v/v	58.0 64.0 13.7 0.25	oz/a oz/a oz/a % v/v	EPOST EPOST EPOST EPOST	A A A A		15.0 b	0.0 -	15.0 b	99.0 a	99.0 a	99.0 a

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=1, 13, 14
 Could not calculate LSD (% mean diff) for columns 2,4,5,8,9,10,11 because error mean square = 0.

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Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code	-----	-----	-----	AMAPA	RAPRA	AGRASS						
Crop Code	ZEAMA	ZEAMA	ZEAMA	-----	-----	-----						
Part Rated	Leaf -	Leaf -	Leaf -									
Rating Data Type	Burn	Stunting	Burn	Control	Control	Control						
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent						
Rating Date	Apr-26-19	May-2-19	May-2-19	May-2-19	May-2-19	May-2-19						
Trt-Eval Interval	2 DA-A	8 DA-A	8 DA-A	8 DA-A	8 DA-A	8 DA-A						
PRM Data Type												
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	1	2	3	4	5	6
13	HALEX GT	4.39	SC	58.0 oz/a	EPOST A		18.8 a	0.0 -	18.8 a	99.0 a	99.0 a	99.0 a
	ATRAZINE	4	L	64.0 oz/a	EPOST A							
	STRATEGO YLD	41.6	SC	4.0 oz/a	EPOST A							
	NIS			0.25 % v/v	EPOST A							
LSD P=.10							3.18	.	2.37	.	.	2.45
Standard Deviation							2.67	0.00	1.99	0.00	0.00	2.05
CV							44.96	0.0	42.2	0.0	0.0	2.26
Grand Mean							5.93	0.00	4.71	91.38	91.38	90.65
Bartlett's X2							2.888	0.00	0.174	0.00	0.00	3.845
P(Bartlett's X2)							0.941	.	1.00	.	.	0.427

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=1,13,14
 Could not calculate LSD (% mean diff) for columns 2,4,5,8,9,10,11 because error mean square = 0.

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Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.	----- ZEAMA	AMAPA -----	RAPRA -----	AGRASS -----	AMAPA -----	AGRASS -----
									Stunting Percent May-13-19	Control Percent May-13-19	Control Percent May-13-19	Control Percent May-13-19	Control Percent Jun-14-19	Control Percent Jun-14-19
									19 DA-A	19 DA-A	19 DA-A	19 DA-A	51 DA-A	51 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code			7	8	9	10	11	12
1	NTC								0.0 d	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b
2	ROUNDUP P-MAX ATRAZINE PROWL H20	5.5 SL 4 L 3.8 SC		32.0 oz/a 64.0 oz/a 32.0 oz/a	EPOST A EPOST A EPOST A				1.3 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
3	ROUNDUP P-MAX ATRAZINE PROWL H20 HEADLINE AMP	5.5 SL 4 L 3.8 SC 1.68 SC		32.0 oz/a 64.0 oz/a 32.0 oz/a 10.0 oz/a	EPOST A EPOST A EPOST A EPOST A				1.3 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
4	ROUNDUP P-MAX ATRAZINE PROWL H20 TRIVAPRO	5.5 SL 4 L 3.8 SC 2.21 SC		32.0 oz/a 64.0 oz/a 32.0 oz/a 13.7 oz/a	EPOST A EPOST A EPOST A EPOST A				2.5 bcd	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a
5	ROUNDUP P-MAX ATRAZINE PROWL H20 STRATEGO YLD	5.5 SL 4 L 3.8 SC 41.6 SC		32.0 oz/a 64.0 oz/a 32.0 oz/a 4.0 oz/a	EPOST A EPOST A EPOST A EPOST A				1.3 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
6	ROUNDUP P-MAX LAUDIS ATRAZINE	5.5 SL 3.45 SC 4 L		32.0 oz/a 3.0 oz/a 64.0 oz/a	EPOST A EPOST A EPOST A				0.0 d	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a
7	ROUNDUP P-MAX LAUDIS ATRAZINE HEADLINE AMP	5.5 SL 3.45 SC 4 L 1.68 SC		32.0 oz/a 3.0 oz/a 64.0 oz/a 10.0 oz/a	EPOST A EPOST A EPOST A EPOST A				0.0 d	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a
8	ROUNDUP P-MAX LAUDIS ATRAZINE TRIVAPRO	5.5 SL 3.45 SC 4 L 2.21 SC		32.0 oz/a 3.0 oz/a 64.0 oz/a 13.7 oz/a	EPOST A EPOST A EPOST A EPOST A				1.3 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
9	ROUNDUP P-MAX LAUDIS ATRAZINE STRATEGO YLD	5.5 SL 3.45 SC 4 L 41.6 SC		32.0 oz/a 3.0 oz/a 64.0 oz/a 4.0 oz/a	EPOST A EPOST A EPOST A EPOST A				1.3 cd	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
10	HALEX GT ATRAZINE NIS	4.39 SC 4 L		58.0 oz/a 64.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A				6.3 a	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a
11	HALEX GT ATRAZINE HEADLINE AMP NIS	4.39 SC 4 L 1.68 SC		58.0 oz/a 64.0 oz/a 10.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A				5.0 ab	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a
12	HALEX GT ATRAZINE TRIVAPRO NIS	4.39 SC 4 L 2.21 SC		58.0 oz/a 64.0 oz/a 13.7 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A				3.8 abc	99.0 a	99.0 a	99.0 a	99.0 a	98.0 a

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=1, 13, 14
 Could not calculate LSD (% mean diff) for columns 2,4,5,8,9,10,11 because error mean square = 0.

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN						
Trial ID: CN-07-19		Study Dir.: Eric P. Prostko				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	-----	AMAPA	RAPRA	AGRASS	AMAPA	AGRASS
Crop Code	ZEAMA	-----	-----	-----	-----	-----
Part Rated						
Rating Data Type	Stunting	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	May-13-19	May-13-19	May-13-19	May-13-19	Jun-14-19	Jun-14-19
Trt-Eval Interval	19 DA-A	19 DA-A	19 DA-A	19 DA-A	51 DA-A	51 DA-A
PRM Data Type						
# Subsamples, Dec.						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code
7	13 HALEX GT	4.39 SC		58.0 oz/a	EPOST A	1.3 cd
8	ATRAZINE	4 L		64.0 oz/a	EPOST A	99.0 a
9	STRATEGO YLD	41.6 SC		4.0 oz/a	EPOST A	99.0 a
10	NIS			0.25 % v/v	EPOST A	99.0 a
	LSD P=.10			3.18	.	1.55
	Standard Deviation			2.67	0.00	1.30
	CV			138.6	0.0	1.43
	Grand Mean			1.92	91.38	90.92
	Bartlett's X2			3.491	0.00	0.00
	P(Bartlett's X2)			0.942	.	.

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=1,13,14
 Could not calculate LSD (% mean diff) for columns 2,4,5,8,9,10,11 because error mean square = 0.

University of Georgia

HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN						
Trial ID:	CN-07-19	Study Dir.:				
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Weed Code			-----			
Crop Code			ZEAMA	ZEAMA		
Part Rated			YIELD -	YIELD -		
Rating Data Type			PLOT	YIELD		
Rating Unit			LBS	BU/A		
Rating Date			Aug-29-19	Aug-29-19		
Trt-Eval Interval			127 DA-A	127 DA-A		
PRM Data Type			TY1			
# Subsamples, Dec.			- 0			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code
13	14					
40.3 -	208 -					
47.8 -	247 -					
51.8 -	267 -					
49.0 -	253 -					
46.5 -	240 -					
48.3 -	249 -					
48.5 -	251 -					
49.8 -	257 -					
48.8 -	252 -					
49.0 -	253 -					
50.0 -	258 -					
48.3 -	249 -					

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=1, 13, 14
 Could not calculate LSD (% mean diff) for columns 2, 4, 5, 8, 9, 10, 11 because error mean square = 0.

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN						
Trial ID: CN-07-19		Study Dir.: Eric P. Prostko				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	-----	-----				
Crop Code	ZEAMA	ZEAMA				
Part Rated	YIELD -	YIELD -				
Rating Data Type	PLOT	YIELD				
Rating Unit	LBS	BU/A				
Rating Date	Aug-29-19	Aug-29-19				
Trt-Eval Interval	127 DA-A	127 DA-A				
PRM Data Type		TY1				
# Subsamples, Dec.		- 0				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code
13	HALEX GT	4.39	SC	58.0 oz/a	EPOST A	46.8 -
	ATRAZINE	4	L	64.0 oz/a	EPOST A	242 -
	STRATEGO YLD	41.6	SC	4.0 oz/a	EPOST A	
	NIS			0.25 % v/v	EPOST A	
LSD P=.10						4.95 25.6
Standard Deviation						4.14 21.4
CV						8.62 8.62
Grand Mean						48.04 248.3
Bartlett's X2						24.024 24.024
P(Bartlett's X2)						0.02* 0.02*

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=1,13,14
 Could not calculate LSD (% mean diff) for columns 2,4,5,8,9,10,11 because error mean square = 0.

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN						
Trial ID:	CN-07-19	Study Dir.:				
Location:	PONDER FARM	Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For ----- ZEAMA Leaf Burn Percent Apr-26-19 2 DA-A (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	50	1957.852564				
Replicate	3	11.698718	3.899573	0.549	0.6523	
Treatment	12	1697.435897	141.452991	19.906	0.0001	
Error	35	248.717949	7.106227			
Randomized Complete Block (RCB) AOV For ----- ZEAMA Stunting Percent May-2-19 8 DA-A (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	0.000000000000				
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	12	0.000000000000	0.000000000000	0.000	1.0000	
Error	36	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For ----- ZEAMA Leaf Burn Percent May-2-19 8 DA-A (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	2470.673077				
Replicate	3	1.442308	0.480769	0.122	0.9468	
Treatment	12	2326.923077	193.910256	49.054	0.0001	
Error	36	142.307692	3.952991			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-2-19 8 DA-A (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	36188.307692				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	12	36188.307692	3015.692308	0.000	1.0000	
Error	36	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-2-19 8 DA-A (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	36188.307692				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	12	36188.307692	3015.692308	0.000	1.0000	
Error	36	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-2-19 8 DA-A (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	35823.769231				
Replicate	3	3.769231	1.256410	0.298	0.8265	
Treatment	12	35668.269231	2972.355769	705.228	0.0001	
Error	36	151.730769	4.214744			
Randomized Complete Block (RCB) AOV For ----- ZEAMA Stunting Percent May-13-19 19 DA-A (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	457.692308				
Replicate	3	19.230769	6.410256	0.902	0.4496	
Treatment	12	182.692308	15.224359	2.143	0.0386	
Error	36	255.769231	7.104701			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-13-19 19 DA-A (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	36188.307692				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	12	36188.307692	3015.692308	0.000	1.0000	
Error	36	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control Percent May-13-19 19 DA-A (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	36188.307692				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	12	36188.307692	3015.692308	0.000	1.0000	
Error	36	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-13-19 19 DA-A (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	51	36188.307692				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	12	36188.307692	3015.692308	0.000	1.0000	
Error	36	0.000000	0.000000			

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-14-19 51 DA-A (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	51	36188.307692			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	12	36188.307692	3015.692308	0.000	1.0000
Error	36	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-14-19 51 DA-A (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	51	35907.692308			
Replicate	3	11.076923	3.692308	2.182	0.1071
Treatment	12	35835.692308	2986.307692	1764.637	0.0001
Error	36	60.923077	1.692308		

Randomized Complete Block (RCB) AOV For ----- ZEAMA YIELD PLOT LBS Aug-29-19 127 DA-A (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	50	1314.673077			
Replicate	3	368.160256	122.720085	7.162	0.0007
Treatment	12	346.756410	28.896368	1.686	0.1128
Error	35	599.756410	17.135897		

Randomized Complete Block (RCB) AOV For ----- ZEAMA YIELD YIELD BU/A Aug-29-19 127 DA-A TY1 0 (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	50	35103.126093			
Replicate	3	9830.258283	3276.752761	7.162	0.0007
Treatment	12	9258.753531	771.562794	1.686	0.1128
Error	35	16014.114280	457.546122		

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
 RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

Leaf = LEAF / FOLIAGE

PRM Data Type

TY1 = 5.167304*[13]

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN														
Trial ID: CN-07-19		Study Dir.:												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.	----- ZEAMA Leaf - Burn Percent Apr-26-19 2 DA-A	----- ZEAMA Stunting Percent May-2-19 8 DA-A	----- ZEAMA Leaf - Burn Percent May-2-19 8 DA-A	AMAPA ----- Control Percent May-2-19 8 DA-A	RAPRA ----- Control Percent May-2-19 8 DA-A	AGRASS ----- Control Percent May-2-19 8 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
	1 NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								308	0.0	0.0	0.0	0.0	0.0	0.0
								403	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
	2 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		102	5.0	0.0	5.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		205	0.0	0.0	0.0	99.0	99.0	95.0
	PROWL H20	3.8 SC		32.0 oz/a		EPOST A		303	5.0	0.0	0.0	99.0	99.0	99.0
								408	0.0	0.0	0.0	99.0	99.0	90.0
								Mean =	2.5	0.0	1.3	99.0	99.0	95.8
	3 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		103	5.0	0.0	5.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		204	5.0	0.0	0.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a		EPOST A		305	5.0	0.0	5.0	99.0	99.0	99.0
	HEADLINE AMP	1.68 SC		10.0 oz/a		EPOST A		409	5.0	0.0	5.0	99.0	99.0	99.0
								Mean =	5.0	0.0	3.8	99.0	99.0	99.0
	4 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		104	5.0	0.0	0.0	99.0	99.0	95.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		203	5.0	0.0	0.0	99.0	99.0	95.0
	PROWL H20	3.8 SC		32.0 oz/a		EPOST A		312	5.0	0.0	0.0	99.0	99.0	99.0
	TRIVAPRO	2.21 SC		13.7 oz/a		EPOST A		407	5.0	0.0	0.0	99.0	99.0	99.0
								Mean =	5.0	0.0	0.0	99.0	99.0	97.0
	5 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		105	0.0	0.0	5.0	99.0	99.0	90.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		213	5.0	0.0	5.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a		EPOST A		310	5.0	0.0	0.0	99.0	99.0	99.0
	STRATEGO YLD	41.6 SC		4.0 oz/a		EPOST A		412		0.0	0.0	99.0	99.0	99.0
								Mean =	3.3	0.0	2.5	99.0	99.0	96.8
	6 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		106	0.0	0.0	0.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a		EPOST A		211	0.0	0.0	0.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		307	5.0	0.0	0.0	99.0	99.0	99.0
								413	0.0	0.0	0.0	99.0	99.0	99.0
								Mean =	1.3	0.0	0.0	99.0	99.0	99.0
	7 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		107	0.0	0.0	0.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a		EPOST A		212	0.0	0.0	0.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		309	5.0	0.0	0.0	99.0	99.0	99.0
	HEADLINE AMP	1.68 SC		10.0 oz/a		EPOST A		406	5.0	0.0	5.0	99.0	99.0	99.0
								Mean =	2.5	0.0	1.3	99.0	99.0	99.0
	8 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		108	0.0	0.0	0.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a		EPOST A		207	5.0	0.0	0.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		313	0.0	0.0	0.0	99.0	99.0	99.0
	TRIVAPRO	2.21 SC		13.7 oz/a		EPOST A		405	0.0	0.0	0.0	99.0	99.0	99.0
								Mean =	1.3	0.0	0.0	99.0	99.0	99.0
	9 ROUNDUP P-MAX	5.5 SL		32.0 oz/a		EPOST A		109	0.0	0.0	0.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a		EPOST A		206	10.0	0.0	0.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		302	0.0	0.0	0.0	99.0	99.0	99.0
	STRATEGO YLD	41.6 SC		4.0 oz/a		EPOST A		404	5.0	0.0	0.0	99.0	99.0	99.0
								Mean =	3.8	0.0	0.0	99.0	99.0	99.0
	10 HALEX GT	4.39 SC		58.0 oz/a		EPOST A		110	10.0	0.0	0.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a		EPOST A		201	0.0	0.0	5.0	99.0	99.0	95.0
	NIS			0.25 % v/v		EPOST A		311	5.0	0.0	5.0	99.0	99.0	99.0
								401	5.0	0.0	0.0	99.0	99.0	99.0
								Mean =	5.0	0.0	2.5	99.0	99.0	98.0

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN													
Trial ID: CN-07-19		Study Dir.: Eric P. Prostko											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.													
	----- ZEAMA Leaf - Burn Percent Apr-26-19 2 DA-A	----- ZEAMA Stunting Percent May-2-19 8 DA-A	----- ZEAMA Leaf - Burn Percent May-2-19 8 DA-A	AMAPA ----- Control Percent May-2-19 8 DA-A	RAPRA ----- Control Percent May-2-19 8 DA-A	AGRASS ----- Control Percent May-2-19 8 DA-A							
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
11 HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	111	15.0	0.0	15.0	99.0	99.0	99.0
ATRAZINE	4	L	64.0	oz/a	EPOST	A	208	15.0	0.0	15.0	99.0	99.0	99.0
HEADLINE AMP	1.68	SC	10.0	oz/a	EPOST	A	301	15.0	0.0	15.0	99.0	99.0	95.0
NIS			0.25	% v/v	EPOST	A	411	10.0	0.0	20.0	99.0	99.0	99.0
							Mean =	13.8	0.0	16.3	99.0	99.0	98.0
12 HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	112	15.0	0.0	15.0	99.0	99.0	99.0
ATRAZINE	4	L	64.0	oz/a	EPOST	A	202	15.0	0.0	15.0	99.0	99.0	99.0
TRIVAPRO	2.21	SC	13.7	oz/a	EPOST	A	304	15.0	0.0	15.0	99.0	99.0	99.0
NIS			0.25	% v/v	EPOST	A	410	15.0	0.0	15.0	99.0	99.0	99.0
							Mean =	15.0	0.0	15.0	99.0	99.0	99.0
13 HALEX GT	4.39	SC	58.0	oz/a	EPOST	A	113	20.0	0.0	20.0	99.0	99.0	99.0
ATRAZINE	4	L	64.0	oz/a	EPOST	A	209	20.0	0.0	20.0	99.0	99.0	99.0
STRATEGO YLD	41.6	SC	4.0	oz/a	EPOST	A	306	20.0	0.0	20.0	99.0	99.0	99.0
NIS			0.25	% v/v	EPOST	A	402	15.0	0.0	15.0	99.0	99.0	99.0
							Mean =	18.8	0.0	18.8	99.0	99.0	99.0

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HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----	AMAPA	RAPRA	AGRASS	AMAPA	
Crop Code						ZEAMA	-----	-----	-----	-----	
Part Rated											
Rating Data Type						Stunting	Control	Control	Control	Control	
Rating Unit						Percent	Percent	Percent	Percent	Percent	
Rating Date						May-13-19	May-13-19	May-13-19	May-13-19	Jun-14-19	
Trt-Eval Interval						19 DA-A	19 DA-A	19 DA-A	19 DA-A	51 DA-A	
PRM Data Type											
# Subsamples, Dec.											
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	7	8	9	10	11
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0
						308	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
2	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	102	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	205	0.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	EPOST A	303	5.0	99.0	99.0	99.0	99.0
						408	0.0	99.0	99.0	99.0	99.0
						Mean =	1.3	99.0	99.0	99.0	99.0
3	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	103	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	204	0.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	EPOST A	305	0.0	99.0	99.0	99.0	99.0
	HEADLINE AMP	1.68 SC		10.0 oz/a	EPOST A	409	5.0	99.0	99.0	99.0	99.0
						Mean =	1.3	99.0	99.0	99.0	99.0
4	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	104	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	203	5.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	EPOST A	312	5.0	99.0	99.0	99.0	99.0
	TRIVAPRO	2.21 SC		13.7 oz/a	EPOST A	407	0.0	99.0	99.0	99.0	99.0
						Mean =	2.5	99.0	99.0	99.0	99.0
5	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	105	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	213	0.0	99.0	99.0	99.0	99.0
	PROWL H20	3.8 SC		32.0 oz/a	EPOST A	310	0.0	99.0	99.0	99.0	99.0
	STRATEGO YLD	41.6 SC		4.0 oz/a	EPOST A	412	5.0	99.0	99.0	99.0	99.0
						Mean =	1.3	99.0	99.0	99.0	99.0
6	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	106	0.0	99.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a	EPOST A	211	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	307	0.0	99.0	99.0	99.0	99.0
						413	0.0	99.0	99.0	99.0	99.0
						Mean =	0.0	99.0	99.0	99.0	99.0
7	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	107	0.0	99.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a	EPOST A	212	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	309	0.0	99.0	99.0	99.0	99.0
	HEADLINE AMP	1.68 SC		10.0 oz/a	EPOST A	406	0.0	99.0	99.0	99.0	99.0
						Mean =	0.0	99.0	99.0	99.0	99.0
8	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	108	5.0	99.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a	EPOST A	207	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	313	0.0	99.0	99.0	99.0	99.0
	TRIVAPRO	2.21 SC		13.7 oz/a	EPOST A	405	0.0	99.0	99.0	99.0	99.0
						Mean =	1.3	99.0	99.0	99.0	99.0
9	ROUNDUP P-MAX	5.5 SL		32.0 oz/a	EPOST A	109	5.0	99.0	99.0	99.0	99.0
	LAUDIS	3.45 SC		3.0 oz/a	EPOST A	206	0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	302	0.0	99.0	99.0	99.0	99.0
	STRATEGO YLD	41.6 SC		4.0 oz/a	EPOST A	404	0.0	99.0	99.0	99.0	99.0
						Mean =	1.3	99.0	99.0	99.0	99.0
10	HALEX GT	4.39 SC		58.0 oz/a	EPOST A	110	10.0	99.0	99.0	99.0	99.0
	ATRAZINE	4 L		64.0 oz/a	EPOST A	201	10.0	99.0	99.0	99.0	99.0
	NIS			0.25 % v/v	EPOST A	311	5.0	99.0	99.0	99.0	99.0
						401	0.0	99.0	99.0	99.0	99.0
						Mean =	6.3	99.0	99.0	99.0	99.0

University of Georgia

HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

	----- ZEAMA	AMAPA -----	RAPRA -----	AGRASS -----	AMAPA -----								
Weed Code													
Crop Code													
Part Rated													
Rating Data Type													
Rating Unit	Stunting Percent	Control Percent	Control Percent	Control Percent	Control Percent								
Rating Date	May-13-19	May-13-19	May-13-19	May-13-19	Jun-14-19								
Trt-Eval Interval	19 DA-A	19 DA-A	19 DA-A	19 DA-A	51 DA-A								
PRM Data Type													
# Subsamples, Dec.													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11
11	HALEX GT	4.39	SC	58.0	oz/a	EPOST A	111		10.0	99.0	99.0	99.0	99.0
	ATRAZINE	4	L	64.0	oz/a	EPOST A	208		5.0	99.0	99.0	99.0	99.0
	HEADLINE AMP	1.68	SC	10.0	oz/a	EPOST A	301		0.0	99.0	99.0	99.0	99.0
	NIS			0.25	% v/v	EPOST A	411		5.0	99.0	99.0	99.0	99.0
							Mean =		5.0	99.0	99.0	99.0	99.0
12	HALEX GT	4.39	SC	58.0	oz/a	EPOST A	112		5.0	99.0	99.0	99.0	99.0
	ATRAZINE	4	L	64.0	oz/a	EPOST A	202		5.0	99.0	99.0	99.0	99.0
	TRIVAPRO	2.21	SC	13.7	oz/a	EPOST A	304		0.0	99.0	99.0	99.0	99.0
	NIS			0.25	% v/v	EPOST A	410		5.0	99.0	99.0	99.0	99.0
							Mean =		3.8	99.0	99.0	99.0	99.0
13	HALEX GT	4.39	SC	58.0	oz/a	EPOST A	113		0.0	99.0	99.0	99.0	99.0
	ATRAZINE	4	L	64.0	oz/a	EPOST A	209		5.0	99.0	99.0	99.0	99.0
	STRATEGO YLD	41.6	SC	4.0	oz/a	EPOST A	306		0.0	99.0	99.0	99.0	99.0
	NIS			0.25	% v/v	EPOST A	402		0.0	99.0	99.0	99.0	99.0
							Mean =		1.3	99.0	99.0	99.0	99.0

University of Georgia

HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						AGRASS	-----	-----		
Crop Code						-----	ZEAMA	ZEAMA		
Part Rated						Control	YIELD -	YIELD -		
Rating Data Type						Percent	PLOT	YIELD		
Rating Unit						Jun-14-19	Aug-29-19	Aug-29-19		
Rating Date						51 DA-A	127 DA-A	127 DA-A		
Trt-Eval Interval										
PRM Data Type								TY1		
# Subsamples, Dec.								- 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Plot	12	13	14
1	NTC					101		0.0	30.0	155
						210		0.0	45.0	233
						308		0.0	.	.
						403		0.0	46.0	238
						Mean =		0.0	40.3	208
2	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	102		99.0	35.0	181
	ATRAZINE	4	L	64.0 oz/a	EPOST A	205		99.0	51.0	264
	PROWL H20	3.8	SC	32.0 oz/a	EPOST A	303		99.0	53.0	274
						408		99.0	52.0	269
						Mean =		99.0	47.8	247
3	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	103		99.0	45.0	233
	ATRAZINE	4	L	64.0 oz/a	EPOST A	204		99.0	51.0	264
	PROWL H20	3.8	SC	32.0 oz/a	EPOST A	305		99.0	57.0	295
	HEADLINE AMP	1.68	SC	10.0 oz/a	EPOST A	409		99.0	54.0	279
						Mean =		99.0	51.8	267
4	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	104		99.0	42.0	217
	ATRAZINE	4	L	64.0 oz/a	EPOST A	203		99.0	53.0	274
	PROWL H20	3.8	SC	32.0 oz/a	EPOST A	312		95.0	47.0	243
	TRIVAPRO	2.21	SC	13.7 oz/a	EPOST A	407		99.0	54.0	279
						Mean =		98.0	49.0	253
5	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	105		99.0	49.0	253
	ATRAZINE	4	L	64.0 oz/a	EPOST A	213		99.0	38.0	196
	PROWL H20	3.8	SC	32.0 oz/a	EPOST A	310		99.0	50.0	258
	STRATEGO YLD	41.6	SC	4.0 oz/a	EPOST A	412		99.0	49.0	253
						Mean =		99.0	46.5	240
6	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	106		99.0	47.0	243
	LAUDIS	3.45	SC	3.0 oz/a	EPOST A	211		95.0	49.0	253
	ATRAZINE	4	L	64.0 oz/a	EPOST A	307		99.0	49.0	253
						413		99.0	48.0	248
						Mean =		98.0	48.3	249
7	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	107		99.0	48.0	248
	LAUDIS	3.45	SC	3.0 oz/a	EPOST A	212		99.0	46.0	238
	ATRAZINE	4	L	64.0 oz/a	EPOST A	309		95.0	50.0	258
	HEADLINE AMP	1.68	SC	10.0 oz/a	EPOST A	406		99.0	50.0	258
						Mean =		98.0	48.5	251
8	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	108		99.0	47.0	243
	LAUDIS	3.45	SC	3.0 oz/a	EPOST A	207		99.0	52.0	269
	ATRAZINE	4	L	64.0 oz/a	EPOST A	313		99.0	47.0	243
	TRIVAPRO	2.21	SC	13.7 oz/a	EPOST A	405		99.0	53.0	274
						Mean =		99.0	49.8	257
9	ROUNDUP P-MAX	5.5	SL	32.0 oz/a	EPOST A	109		99.0	50.0	258
	LAUDIS	3.45	SC	3.0 oz/a	EPOST A	206		99.0	51.0	264
	ATRAZINE	4	L	64.0 oz/a	EPOST A	302		99.0	47.0	243
	STRATEGO YLD	41.6	SC	4.0 oz/a	EPOST A	404		99.0	47.0	243
						Mean =		99.0	48.8	252
10	HALEX GT	4.39	SC	58.0 oz/a	EPOST A	110		99.0	46.0	238
	ATRAZINE	4	L	64.0 oz/a	EPOST A	201		99.0	48.0	248
	NIS			0.25 % v/v	EPOST A	311		99.0	51.0	264
						401		95.0	51.0	264
						Mean =		98.0	49.0	253

University of Georgia

HERBICIDE/FUNGICIDE TANK-MIXTURES FOR FIELD CORN

Trial ID: CN-07-19 Study Dir.:
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 = 5.167304*[13]