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CORVUS, CAPRENO, LAUDIS FOR WEED CONTROL IN FIELD CORN			
Trial ID:	CN-08-15	Study Dir.:	KEITH "NACHO" RUCKER
Location:	ATTAPULGUS	Investigator:	Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .78211)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	2	3	4
1	NTC								101	202	309	402
2	CORVUS ATRAZINE	2.63 4	SC L	3.33 2.0	oz/a qt/a	EPOST EPOST	A A	2.601 ml/mx 49.99 ml/mx	102	207	304	412
3	ROUNDUP W-MAX CORVUS ATRAZINE	5.5 2.63 4	SL SC L	32.0 3.33 2.0	oz/a oz/a qt/a	EPOST EPOST EPOST	A A A	25.0 ml/mx 2.601 ml/mx 49.99 ml/mx	103	211	302	403
4	LIBERTY CORVUS ATRAZINE	2.34 2.63 4	SL SC L	29.0 3.33 2.0	oz/a oz/a qt/a	EPOST EPOST EPOST	A A A	22.65 ml/mx 2.601 ml/mx 49.99 ml/mx	104	205	308	409
5	CAPRENO ATRAZINE COC AMS XTRA	3.45 4 3.4	SC L SL	3.0 2.0 2.5	oz/a qt/a % v/v	POST POST POST	B B B	2.343 ml/mx 49.99 ml/mx 15.0 ml/mx 37.5 ml/mx	105	210	305	407
6	ROUNDUP W-MAX CAPRENO ATRAZINE	5.5 3.45 4	SL SC L	32.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	25.0 ml/mx 2.343 ml/mx 49.99 ml/mx	106	209	311	405
7	LIBERTY CAPRENO ATRAZINE	2.34 3.45 4	SL SC L	29.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	22.65 ml/mx 2.343 ml/mx 49.99 ml/mx	107	206	307	410
8	LAUDIS ATRAZINE MSO AMS XTRA	3.5 4 3.4	SC L SL	3.0 2.0 2.5	oz/a qt/a % v/v	POST POST POST	B B B	2.343 ml/mx 49.99 ml/mx 15.0 ml/mx 37.5 ml/mx	108	201	306	401
9	ROUNDUP W-MAX LAUDIS ATRAZINE	5.5 3.5 4	SL SC L	32.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	25.0 ml/mx 2.343 ml/mx 49.99 ml/mx	109	212	303	411
10	LIBERTY LAUDIS ATRAZINE	2.34 3.5 4	SL SC L	29.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	22.65 ml/mx 2.343 ml/mx 49.99 ml/mx	110	208	301	408
11	ROUNDUP W-MAX ATRAZINE PROWL H20	5.5 4 3.8	SL L SC	32.0 2.0 32.0	oz/a qt/a oz/a	POST POST POST	B B B	25.0 ml/mx 49.99 ml/mx 25.0 ml/mx	111	204	310	404
12	STEADFAST Q ATRAZINE COC	37.7 4 3.4	DG L SL	1.5 2.0 2.5	oz/a qt/a % v/v	POST POST POST	B B B	1.123 g/mx 49.99 ml/mx 15.0 ml/mx	112	203	312	406

Sort Order: Treatment

Trial Comments
<p>CORVUS = ISOXAFLUTOLE + THIENCARBAZONE + SAFENER CAPRENO = TEMBOTRIONE + THIENCARBAZONE + SAFENER LAUDIS = TEMBOTRIONE + SAFENER STEADFAST Q = RIMSULFURON + NICOSULFURON + SAFENER</p> <p>COC = RELIABLE MSO = PREMIUM MSO</p> <p>YIELDS ADJUSTED TO 15.5% MOISTURE</p> <p>DATA WAS NOT COLLECTED FROM PLOT 203 DUE TO A MISAPPLICATION</p> <p>YIELD DAT WAS NOT COLLECTED FROM PLOT 412 DUE TO COMBINE ISSUES.</p> <p>ANNUAL GRASS = TEXAS PANICUM + GOOSEGRASS + CRABGRASS + SIGNALGRASS</p> <p><u>SUMMARY:</u></p> <p>1) ROUNDUP + CORVUS + ATRAZINE AND LIBERTY + CORVUS + ATRAZINE CAUSED SIGNIFICANT CORN STUNTING EARLY</p>

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IN THE SEASON (20-30%).

2) PALMER AMARANTH CONTROL WAS EXCELLENT WITH ALL TREATMENTS (99%).

3) ON JUNE 9 (69 DAP), THE ONLY TREATMENT THAT PROVIDED > 80% CONTROL OF ANNUAL GRASS WAS ROUNDUP + ATRAZINE + PROWL (85% CONTROL). ALL OTHER TREATMENTS PROVIDED < 73% GRASS CONTROL.

4) ALL HERBICIDE TREATED PLOTS HAD HIGHER CORN YIELDS THAN THE NTC EXCEPT FOR THE FOLLOWING TREATMENTS:

LIBERTY + CORVUS + ATRAZINE - POST
STEADFAST Q + ATRAZINE - POST

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CORVUS, CAPRENO, LAUDIS FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-08-15 Study Dir.: KEITH "NACHO" RUCKER
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KEITH "NACHO" RUCKER **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** AGRASS MILLET/CRAB/GOOSE/CROW

Crop 1: ZEAMA FIELD CORN **Variety:** N83D-3000GT **Planting Date:** Apr-1-15
Planting Method: MONOSEM **Rate:** 27602 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: AVICTA COMPLETE + VIBRANCE (500) SEED TRT;

Previous: Crops **Pesticides** **Year**
 1. COTTON 2015 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** 1.6 **% Sand:** 84 **% Silt:** 6 **% Clay:** 10
pH: 6.0 **CEC:** _____ **Soil Name:** FACEVILLE **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-4-15	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
2. Apr-18-15	_____	0.09	IN	RAINFALL	_____	_____
3. Sep-19-15	_____	1.49	IN	RAINFALL	_____	_____

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Apr-9-15	Apr-18-15	_____	_____	_____	_____
Time of Day:	8:00 AM	9:00 AM	_____	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	_____	_____	_____	_____
Application Timing:	EPOST	POST	_____	_____	_____	_____
Applic. Placement:	FOLIAGE	FOLIAGE	_____	_____	_____	_____
Air Temp., Unit:	63 F	75 F	_____	_____	_____	_____
% Relative Humidity:	99	86	_____	_____	_____	_____
Wind Velocity, Unit:	0 MPH	2 MPH	_____	_____	_____	_____
Dew Presence (Y/N):	Y	Y	_____	_____	_____	_____
Water Hardness:	--	--	_____	_____	_____	_____
Soil Temp., Unit:	71 F	71 F	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	WET	_____	_____	_____	_____
% Cloud Cover:	0	100	_____	_____	_____	_____

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: ZEAMA	_____	_____	_____	_____	_____	_____
Stage Scale:	V1	V4	_____	_____	_____	_____
Height, Unit:	2 IN	7 IN	_____	_____	_____	_____

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		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	0.5"	2-5"	_____	_____	_____	_____
	Stage Scale:	2 LF	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: AGRASS	0.5"	2-3"	_____	_____	_____	_____
	Stage Scale:	1-2LF	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME	_____	_____	_____	_____	_____
Operating Pressure:	40	_____	_____	_____	_____	_____	_____
Nozzle Type:	FLAT FAN	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002DG	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-	-

Trt No	Treatment Application Comment
_____	_____

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CORVUS, CAPRENO, LAUDIS FOR WEED CONTROL IN FIELD CORN													
Trial ID: CN-08-15		Study Dir.: KEITH "NACHO" RUCKER											
Location: ATTAPULGUS		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ZEAMA PLANT - STUNTING PERCENT Apr-28-15	AMAPA ----- CONTROL PERCENT Apr-28-15	ANNUAL GRASS CONTROL PERCENT Apr-28-15	----- ZEAMA PLANT - STUNT PERCENT May-13-15	AMAPA ----- CONTROL PERCENT May-13-15	ANNUAL GRASS CONTROL PERCENT May-13-15
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 d	0.0 b	0.0 c	0.0 b	0.0 b	0.0 d
2	CORVUS ATRAZINE	2.63 4 L	SC	3.33 2.0	oz/a qt/a	EPOST EPOST	A A	10.0 c	99.0 a	99.0 a	2.5 b	99.0 a	73.8 bc
3	ROUNDUP W-MAX CORVUS ATRAZINE	5.5 2.63 4 L	SL SC	32.0 3.33 2.0	oz/a oz/a qt/a	EPOST EPOST EPOST	A A A	20.0 b	99.0 a	99.0 a	22.5 a	99.0 a	67.5 c
4	LIBERTY CORVUS ATRAZINE	2.34 2.63 4 L	SL SC	29.0 3.33 2.0	oz/a oz/a qt/a	EPOST EPOST EPOST	A A A	30.0 a	99.0 a	99.0 a	23.8 a	99.0 a	77.5 bc
5	CAPRENO ATRAZINE COC AMS XTRA	3.45 4 L	SC	3.0 2.0 1.0 2.5	oz/a qt/a % v/v % v/v	POST POST POST POST	B B B B	8.8 c	99.0 a	99.0 a	7.5 b	99.0 a	75.0 bc
6	ROUNDUP W-MAX CAPRENO ATRAZINE	5.5 3.45 4 L	SL SC	32.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	11.3 c	99.0 a	99.0 a	7.5 b	99.0 a	73.8 bc
7	LIBERTY CAPRENO ATRAZINE	2.34 3.45 4 L	SL SC	29.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	2.5 d	99.0 a	99.0 a	2.5 b	99.0 a	81.3 ab
8	LAUDIS ATRAZINE MSO AMS XTRA	3.5 4 L	SC	3.0 2.0 1.0 2.5	oz/a qt/a % v/v % v/v	POST POST POST POST	B B B B	8.8 c	99.0 a	99.0 a	1.3 b	99.0 a	78.8 bc
9	ROUNDUP W-MAX LAUDIS ATRAZINE	5.5 3.5 4 L	SL SC	32.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	0.0 d	99.0 a	99.0 a	2.5 b	99.0 a	82.5 ab
10	LIBERTY LAUDIS ATRAZINE	2.34 3.5 4 L	SL SC	29.0 3.0 2.0	oz/a oz/a qt/a	POST POST POST	B B B	0.0 d	99.0 a	99.0 a	0.0 b	99.0 a	83.8 ab
11	ROUNDUP W-MAX ATRAZINE PROWL H20	5.5 4 L 3.8 SC	SL	32.0 2.0 32.0	oz/a qt/a oz/a	POST POST POST	B B B	2.5 d	99.0 a	99.0 a	0.0 b	99.0 a	91.3 a
12	STEADFAST Q ATRAZINE COC	37.7 4 L	DG	1.5 2.0 1.0	oz/a qt/a % v/v	POST POST POST	B B B	11.6 c	99.0 a	93.3 b	6.7 b	99.0 a	73.0 bc
LSD P=.10								4.90	.	0.83	8.84	.	10.73
Standard Deviation								4.09	0.00	0.69	7.38	0.00	8.96
CV								46.66	0.0	0.77	115.57	0.0	12.53
Grand Mean								8.78	90.75	90.28	6.39	90.75	71.50
Bartlett's X2								2.278	0.0	0.0	21.02	0.0	4.967
P(Bartlett's X2)								0.943	.	.	0.007*	.	0.893
Replicate F								2.716	0.000	0.970	0.671	0.000	1.273
Replicate Prob(F)								0.0611	1.0000	0.4191	0.5762	1.0000	0.3003
Treatment F								19.556	0.000	6794.086	5.055	0.000	27.158
Treatment Prob(F)								0.0001	1.0000	0.0001	0.0002	1.0000	0.0001

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Yates=1,2,3,4,5,6,7,8,9,10,11
 Could not calculate LSD (% mean diff) for columns 2,5 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-9-15	ANNUAL GRASS CONTROL PERCENT Jun-9-15	----- ZEAMA PLOT - YIELD LBS/PLOT Aug-27-15	----- ZEAMA PLOT - MOISTURE PERCENT Aug-27-15	----- ZEAMA PLOT - YIELD BU/A Aug-27-15 TY1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	7	8	9	10	11
1	NTC						0.0 c	0.0 c	39.81 c	12.41 bcd	214 b
2	CORVUS ATRAZINE	2.63 4 L	SC L	3.33 oz/a 2.0 qt/a	EPOST EPOST	A A	99.0 a	65.0 b	46.88 a	12.32 bcd	252 a
3	ROUNDUP W-MAX CORVUS ATRAZINE	5.5 2.63 4 L	SL SC L	32.0 oz/a 3.33 oz/a 2.0 qt/a	EPOST EPOST EPOST	A A A	99.0 a	66.3 b	44.57 ab	12.25 cd	240 a
4	LIBERTY CORVUS ATRAZINE	2.34 2.63 4 L	SL SC L	29.0 oz/a 3.33 oz/a 2.0 qt/a	EPOST EPOST EPOST	A A A	99.0 a	72.5 b	40.31 bc	13.43 ab	215 b
5	CAPRENO ATRAZINE COC AMS XTRA	3.45 4 L 3.4	SC L SL	3.0 oz/a 2.0 qt/a 1.0 % v/v 2.5 % v/v	POST POST POST POST	B B B B	99.0 a	71.3 b	46.92 a	12.57 bcd	252 a
6	ROUNDUP W-MAX CAPRENO ATRAZINE	5.5 3.45 4 L	SL SC L	32.0 oz/a 3.0 oz/a 2.0 qt/a	POST POST POST	B B B	99.0 a	71.3 b	45.95 a	12.32 bcd	247 a
7	LIBERTY CAPRENO ATRAZINE	2.34 3.45 4 L	SL SC L	29.0 oz/a 3.0 oz/a 2.0 qt/a	POST POST POST	B B B	99.0 a	72.5 b	47.05 a	12.24 cd	253 a
8	LAUDIS ATRAZINE MSO AMS XTRA	3.5 4 L 3.4	SC L SL	3.0 oz/a 2.0 qt/a 1.0 % v/v 2.5 % v/v	POST POST POST POST	B B B B	99.0 a	65.0 b	46.40 a	13.09 abc	247 a
9	ROUNDUP W-MAX LAUDIS ATRAZINE	5.5 3.5 4 L	SL SC L	32.0 oz/a 3.0 oz/a 2.0 qt/a	POST POST POST	B B B	98.0 b	68.8 b	44.62 ab	11.67 d	242 a
10	LIBERTY LAUDIS ATRAZINE	2.34 3.5 4 L	SL SC L	29.0 oz/a 3.0 oz/a 2.0 qt/a	POST POST POST	B B B	99.0 a	72.5 b	46.49 a	12.65 bcd	249 a
11	ROUNDUP W-MAX ATRAZINE PROWL H20	5.5 4 L 3.8	SL L SC	32.0 oz/a 2.0 qt/a 32.0 oz/a	POST POST POST	B B B	99.0 a	85.0 a	46.47 a	12.43 bcd	250 a
12	STEADFAST Q ATRAZINE COC	37.7 4 L 1.0	DG L %	1.5 oz/a 2.0 qt/a 1.0 % v/v	POST POST POST	B B B	99.0 a	63.3 b	44.19 ab	14.00 a	233 ab
LSD P=.10							0.70	10.98	4.010	0.991	22.1
Standard Deviation							0.59	9.17	3.345	0.827	18.4
CV							0.65	14.23	7.44	6.56	7.65
Grand Mean							90.67	64.44	44.969	12.614	241.2
Bartlett's X2							0.0	12.537	18.644	21.226	21.886
P(Bartlett's X2)							.	0.251	0.068	0.031*	0.025*
Replicate F							0.991	1.625	5.560	0.416	5.496
Replicate Prob(F)							0.4094	0.2031	0.0036	0.7426	0.0038
Treatment F							9496.772	21.136	2.229	2.246	2.261
Treatment Prob(F)							0.0001	0.0001	0.0392	0.0378	0.0366

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CORVUS, CAPRENO, LAUDIS FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-08-15 Study Dir.: KEITH "NACHO" RUCKER
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

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

Part Rated

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

PRM Data Type

TY1 = $5.185714 * [9] * (100 - @MVAVGREP([10])) / 84.5$

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Trial ID: CN-08-15		Study Dir.: KEITH "NACHO" RUCKER											
Location: ATTAPULGUS		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ZEAMA PLANT - STUNTING PERCENT Apr-28-15	AMAPA ----- CONTROL PERCENT Apr-28-15	ANNUAL GRASS CONTROL PERCENT Apr-28-15	----- ZEAMA PLANT - STUNT PERCENT May-13-15	AMAPA ----- CONTROL PERCENT May-13-15	ANNUAL GRASS CONTROL PERCENT May-13-15
Trt	Treatment	Form	Form	Rate	Grow	Appl		1	2	3	4	5	6
No.	Name	Conc	Type	Rate	Unit	Stg	Code Plot						
1	NTC						101	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
							309	0.0	0.0	0.0	0.0	0.0	0.0
							402	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	CORVUS	2.63	SC	3.33	oz/a	EPOST A	102	15.0	99.0	99.0	0.0	99.0	75.0
	ATRAZINE	4 L		2.0	qt/a	EPOST A	207	10.0	99.0	99.0	0.0	99.0	85.0
							304	0.0	99.0	99.0	0.0	99.0	70.0
							412	15.0	99.0	99.0	10.0	99.0	65.0
							Mean =	10.0	99.0	99.0	2.5	99.0	73.8
3	ROUNDUP W-MAX	5.5	SL	32.0	oz/a	EPOST A	103	20.0	99.0	99.0	50.0	99.0	65.0
	CORVUS	2.63	SC	3.33	oz/a	EPOST A	211	20.0	99.0	99.0	15.0	99.0	75.0
	ATRAZINE	4 L		2.0	qt/a	EPOST A	302	15.0	99.0	99.0	10.0	99.0	65.0
							403	25.0	99.0	99.0	15.0	99.0	65.0
							Mean =	20.0	99.0	99.0	22.5	99.0	67.5
4	LIBERTY	2.34	SL	29.0	oz/a	EPOST A	104	30.0	99.0	99.0	25.0	99.0	85.0
	CORVUS	2.63	SC	3.33	oz/a	EPOST A	205	30.0	99.0	99.0	25.0	99.0	65.0
	ATRAZINE	4 L		2.0	qt/a	EPOST A	308	30.0	99.0	99.0	25.0	99.0	75.0
							409	30.0	99.0	99.0	20.0	99.0	85.0
							Mean =	30.0	99.0	99.0	23.8	99.0	77.5
5	CAPRENO	3.45	SC	3.0	oz/a	POST B	105	15.0	99.0	99.0	15.0	99.0	65.0
	ATRAZINE	4 L		2.0	qt/a	POST B	210	10.0	99.0	99.0	15.0	99.0	85.0
	COC			1.0	% v/v	POST B	305	0.0	99.0	99.0	0.0	99.0	65.0
	AMS XTRA	3.4	SL	2.5	% v/v	POST B	407	10.0	99.0	99.0	0.0	99.0	85.0
							Mean =	8.8	99.0	99.0	7.5	99.0	75.0
6	ROUNDUP W-MAX	5.5	SL	32.0	oz/a	POST B	106	5.0	99.0	99.0	10.0	99.0	75.0
	CAPRENO	3.45	SC	3.0	oz/a	POST B	209	10.0	99.0	99.0	5.0	99.0	90.0
	ATRAZINE	4 L		2.0	qt/a	POST B	311	15.0	99.0	99.0	15.0	99.0	65.0
							405	15.0	99.0	99.0	0.0	99.0	65.0
							Mean =	11.3	99.0	99.0	7.5	99.0	73.8
7	LIBERTY	2.34	SL	29.0	oz/a	POST B	107	10.0	99.0	99.0	5.0	99.0	65.0
	CAPRENO	3.45	SC	3.0	oz/a	POST B	206	0.0	99.0	99.0	0.0	99.0	85.0
	ATRAZINE	4 L		2.0	qt/a	POST B	307	0.0	99.0	99.0	0.0	99.0	90.0
							410	0.0	99.0	99.0	5.0	99.0	85.0
							Mean =	2.5	99.0	99.0	2.5	99.0	81.3
8	LAUDIS	3.5	SC	3.0	oz/a	POST B	108	10.0	99.0	99.0	0.0	99.0	75.0
	ATRAZINE	4 L		2.0	qt/a	POST B	201	10.0	99.0	99.0	0.0	99.0	65.0
	MSO			1.0	% v/v	POST B	306	0.0	99.0	99.0	0.0	99.0	90.0
	AMS XTRA	3.4	SL	2.5	% v/v	POST B	401	15.0	99.0	99.0	5.0	99.0	85.0
							Mean =	8.8	99.0	99.0	1.3	99.0	78.8
9	ROUNDUP W-MAX	5.5	SL	32.0	oz/a	POST B	109	0.0	99.0	99.0	0.0	99.0	85.0
	LAUDIS	3.5	SC	3.0	oz/a	POST B	212	0.0	99.0	99.0	10.0	99.0	95.0
	ATRAZINE	4 L		2.0	qt/a	POST B	303	0.0	99.0	99.0	0.0	99.0	75.0
							411	0.0	99.0	99.0	0.0	99.0	75.0
							Mean =	0.0	99.0	99.0	2.5	99.0	82.5
10	LIBERTY	2.34	SL	29.0	oz/a	POST B	110	0.0	99.0	99.0	0.0	99.0	85.0
	LAUDIS	3.5	SC	3.0	oz/a	POST B	208	0.0	99.0	99.0	0.0	99.0	90.0
	ATRAZINE	4 L		2.0	qt/a	POST B	301	0.0	99.0	99.0	0.0	99.0	75.0
							408	0.0	99.0	99.0	0.0	99.0	85.0
							Mean =	0.0	99.0	99.0	0.0	99.0	83.8
11	ROUNDUP W-MAX	5.5	SL	32.0	oz/a	POST B	111	0.0	99.0	99.0	0.0	99.0	95.0
	ATRAZINE	4 L		2.0	qt/a	POST B	204	0.0	99.0	99.0	0.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	POST B	310	0.0	99.0	99.0	0.0	99.0	90.0
							404	10.0	99.0	99.0	0.0	99.0	85.0
							Mean =	2.5	99.0	99.0	0.0	99.0	91.3
12	STEADFAST Q	37.7	DG	1.5	oz/a	POST B	112	10.0	99.0	95.0	0.0	99.0	85.0
	ATRAZINE	4 L		2.0	qt/a	POST B	203	11.2*	99.0*	93.3*	6.7*	99.0*	77.1*
	COC			1.0	% v/v	POST B	312	15.0	99.0	90.0	20.0	99.0	65.0
							406	10.0	99.0	95.0	0.0	99.0	65.0
							Mean =	11.6	99.0	93.3	6.7	99.0	73.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-9-15	ANNUAL GRASS CONTROL PERCENT Jun-9-15	----- ZEAMA PLOT - YIELD LBS/PLOT Aug-27-15	----- ZEAMA PLOT - MOISTURE PERCENT Aug-27-15	----- ZEAMA PLOT - YIELD BU/A Aug-27-15 TY1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	7	8	9	10	11
1	NTC					101 202 309 402 Mean =	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	30.55 36.39 48.70 43.60 39.81	12.47 11.30 12.64 13.22 12.41	164 198 261 232 214
2	CORVUS ATRAZINE	2.63 4 L	SC	3.33 oz/a 2.0 qt/a	EPOST A EPOST A	102 207 304 412 Mean =	99.0 99.0 99.0 99.0 99.0	65.0 75.0 60.0 60.0 65.0	43.48 50.23 46.26 47.55* 46.88	12.15 11.95 12.81 12.36* 12.32	234 271 248 256* 252
3	ROUNDUP W-MAX CORVUS ATRAZINE	5.5 2.63 4 L	SL SC	32.0 oz/a 3.33 oz/a 2.0 qt/a	EPOST A EPOST A EPOST A	103 211 302 403 Mean =	99.0 99.0 99.0 99.0 99.0	60.0 75.0 75.0 55.0 66.3	43.08 43.23 47.28 44.69 44.57	12.43 12.32 11.87 12.39 12.25	232 233 256 240 240
4	LIBERTY CORVUS ATRAZINE	2.34 2.63 4 L	SL SC	29.0 oz/a 3.33 oz/a 2.0 qt/a	EPOST A EPOST A EPOST A	104 205 308 409 Mean =	99.0 99.0 99.0 99.0 99.0	65.0 65.0 85.0 75.0 72.5	30.24 43.46 45.20 42.32 40.31	15.41 12.31 12.25 13.75 13.43	157 234 243 224 215
5	CAPRENO ATRAZINE COC AMS XTRA	3.45 4 L	SC	3.0 oz/a 2.0 qt/a 1.0 % v/v 2.5 % v/v	POST B POST B POST B POST B	105 210 305 407 Mean =	99.0 99.0 99.0 99.0 99.0	65.0 85.0 50.0 85.0 71.3	43.00 47.81 47.90 48.95 46.92	12.34 12.62 12.86 12.45 12.57	231 256 256 263 252
6	ROUNDUP W-MAX CAPRENO ATRAZINE	5.5 3.45 4 L	SL SC	32.0 oz/a 3.0 oz/a 2.0 qt/a	POST B POST B POST B	106 209 311 405 Mean =	99.0 99.0 99.0 99.0 99.0	75.0 90.0 60.0 60.0 71.3	45.65 49.32 41.80 47.01 45.95	13.10 12.37 12.54 11.26 12.32	243 265 224 256 247
7	LIBERTY CAPRENO ATRAZINE	2.34 3.45 4 L	SL SC	29.0 oz/a 3.0 oz/a 2.0 qt/a	POST B POST B POST B	107 206 307 410 Mean =	99.0 99.0 99.0 99.0 99.0	65.0 80.0 70.0 75.0 72.5	45.75 47.24 50.70 44.52 47.05	12.42 11.59 11.63 13.33 12.24	246 256 275 237 253
8	LAUDIS ATRAZINE MSO AMS XTRA	3.5 4 L	SC	3.0 oz/a 2.0 qt/a 1.0 % v/v 2.5 % v/v	POST B POST B POST B POST B	108 201 306 401 Mean =	99.0 99.0 99.0 99.0 99.0	75.0 60.0 65.0 60.0 65.0	45.14 47.65 46.88 45.91 46.40	11.97 14.42 13.65 12.32 13.09	244 250 248 247 247
9	ROUNDUP W-MAX LAUDIS ATRAZINE	5.5 3.5 4 L	SL SC	32.0 oz/a 3.0 oz/a 2.0 qt/a	POST B POST B POST B	109 212 303 411 Mean =	99.0 99.0 95.0 99.0 98.0	75.0 65.0 70.0 65.0 68.8	44.08 40.03 50.09 44.26 44.62	11.89 11.78 11.58 11.43 11.67	238 217 272 241 242
10	LIBERTY LAUDIS ATRAZINE	2.34 3.5 4 L	SL SC	29.0 oz/a 3.0 oz/a 2.0 qt/a	POST B POST B POST B	110 208 301 408 Mean =	99.0 99.0 99.0 99.0 99.0	65.0 85.0 60.0 80.0 72.5	43.99 48.60 47.26 46.09 46.49	12.60 13.13 12.90 11.96 12.65	236 259 253 249 249
11	ROUNDUP W-MAX ATRAZINE PROWL H20	5.5 4 L 3.8	SL SC	32.0 oz/a 2.0 qt/a 32.0 oz/a	POST B POST B POST B	111 204 310 404 Mean =	99.0 99.0 99.0 99.0 99.0	85.0 85.0 90.0 80.0 85.0	42.79 48.34 45.77 48.97 46.47	12.22 11.98 12.99 12.53 12.43	231 261 244 263 250
12	STEADFAST Q ATRAZINE COC	37.7 4 L	DG	1.5 oz/a 2.0 qt/a 1.0 % v/v	POST B POST B POST B	112 203 312 406 Mean =	99.0 99.1* 99.0 99.0 99.0	65.0 68.3* 60.0 60.0 63.3	42.52 44.81* 45.65 43.78 44.19	14.76 13.85* 12.53 14.85 14.00	222 237* 245 229 233

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CORVUS, CAPRENO, LAUDIS FOR WEED CONTROL IN FIELD CORN

Trial ID: CN-08-15 Study Dir.: KEITH "NACHO" RUCKER
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

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

Part Rated

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

PRM Data Type

TY1 = $5.185714 \cdot [9] \cdot (100 - @MVAVGREP([10])) / 84.5$