

University of Georgia

TOBACCO PLANT-BACK FOLLOWING EPOST BALANCE FLEXX AND CORVUS IN FIELD CORN

Trial ID: CN-09-12 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code	Amt Product to Measure	Rep 1	2	3	4
1	NTC								101	207	304	401
2	BALANCE FLEXX ATRAZINE	2 SC 4 L		4.0 OZ/A 32.0 OZ/A	EPOST A			3.125 ml/mx 25.0 ml/mx	102	201	306	407
3	BALANCE FLEXX ATRAZINE	2 SC 4 L		6.0 OZ/A 32.0 OZ/A	EPOST A			4.687 ml/mx 25.0 ml/mx	103	205	301	403
4	BALANCE FLEXX ATRAZINE	2 SC 4 L		12.0 OZ/A 32.0 OZ/A	EPOST A			9.374 ml/mx 25.0 ml/mx	104	206	307	405
5	CORVUS ATRAZINE	2.83 SC 4 L		3.3 OZ/A 32.0 OZ/A	EPOST A			2.578 ml/mx 25.0 ml/mx	105	204	305	404
6	CORVUS ATRAZINE	2.83 SC 4 L		5.6 OZ/A 32.0 OZ/A	EPOST A			4.375 ml/mx 25.0 ml/mx	106	203	302	406
7	CORVUS ATRAZINE	2.83 SC 4 L		11.2 OZ/A 32.0 OZ/A	EPOST A			8.749 ml/mx 25.0 ml/mx	107	202	303	402

Sort Order: Replicate 1

Trial Comments

BALANCE FLEXX = ISOXAFLUTOLE (2 LBS/GAL) + CYPROSULFAMIDE (SAFENER)
CORVUS = ISOXAFLUTOLE (1.88 LBS/GAL) + THIENCARBAZONE (0.75 LBS/GAL) + CYPROSULFAMIDE (SAFENER)

ANNUAL GRASS = TEXAS MILLET + CRABGRASS + GOOSEGRASS

MISSING YIELD DATA IN PLOT #105 DUE TO OPERATOR ERROR.

HARVEST MOISTURE: 17.04%
YIELDS ADJUSTED TO 15.5%

SUMMARY:

- 1) AT 12 DAT, 6 AND 12 OZ/A OF BALANCE FLEXX CAUSED SIGNIFICANT PLANT CHLOROSIS. HOWEVER, THE LABELED RATE OF 4.0 OZ/A DID NOT. BY 28 DAT, NO SIGNIFICANT CORN INJURY WAS OBSERVED FROM BALANCE FLEXX.
- 2) AT 12 DAT, THE 5.6 AND 11.2 OZ/A RATE OF CORVUS CAUSED SIGNIFICANT CORN CHLOROSIS. HOWEVER, THE LABELED RATE OF 3.3 OZ/A DID NOT. BY 28 DAT, NO SIGNIFICANT CORN INJURY WAS OBSERVED FROM CORVUS.
- 3) BALANCE FLEXX AND CORVUS PROVIDED EXCELENT CONTROL (99%) OF PALMER AMARANTH AT 49 DAT.
- 4) AT 49 DAT, ANNUAL GRASS CONTROL EXCEEDED 91% WITH ALL BALANCE FLEXX AND CORVUS TREATMENTS EXCEPT BALANCE FLEXX @ 4.0 OZ/A (84% CONTROL).
- 5) CORN YIELDS WERE NOT INFLUENCD BY ANY HERBICIDE TREATMENT.
- 6) TOBACCO WILL BE TRANSLPLANTED INTO THESE PLOTS IN 2013.

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AND CORVUS IN FIELD CORN

Trial ID: CN-09-12 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KEITH 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.** GRASS MILLET+CRAB+GOOSE

Crop 1: ZEAMA FIELD CORN **Variety:** DKC 66-97 **Planting Date:** Mar-22-12
Planting Method: MONOSEM **Rate:** 24891 S/A **Depth:** 1.5 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:** RACOB
Trial Initiation Comments: PONCHO/VOTIVO SEED TREATMENT

Previous: Crops **Pesticides** **Year**
1. PEANUT 2011 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 1.02 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** _____ **Soil Name:** TIFTON **Fertility Level:** _____

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Mar-23-12	_____	0.5	IN	SPRINKLER - WATER CANNON	_____	_____
2. Mar-23-12	_____	0.39	IN	RAINFALL	_____	_____
3. Mar-24-12	_____	0.31	IN	RAINFALL	_____	_____
4. Mar-27-12	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

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

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Location: PONDER FARM Investigator: Eric P. Prostko

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	Mar-30-12						
Time of Day:	7:30 AM						
Application Method:	BROADCAST						
Application Timing:	EPOST						
Applic. Placement:	FOLIAGE						
Air Temp., Unit:	61 F						
% Relative Humidity:	80						
Wind Velocity, Unit:	0 MPH						
Dew Presence (Y/N):	Y						
Water Hardness:	--						
Soil Temp., Unit:	64 F						
Soil Moisture:	OPTIMUM						
% Cloud Cover:	50						

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1	Stage: ZEAMA						
Stage Scale:	V1						
Height, Unit:	2 IN						

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA 1 LEAF						
Stage Scale:	0.5"						
Density, Unit:							
Weed 2	Stage: GRASS 1 LEAF						
Stage Scale:	0.5"						
Density, Unit:							

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK						
Operating Pressure:	38						
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:	17 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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Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	ANNUAL	AMAPA	-----	-----
Crop Code	ZEAMA	GRASS	-----	ZEAMA	ZEAMA
Part Rated	PLANT -			PLANT -	PLANT -
Rating Data Type	STUNTING	CONTROL	CONTROL	CHLORSIS	STUNTING
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Apr-11-12	Apr-11-12	Apr-11-12	Apr-11-12	Apr-27-12
Crop Stage					
Crop Stage Scale					
Weed Stage					
Weed Density, Unit					
Footnote Number					
Trt-Eval Interval	12 DA-A	12 DA-A	12 DA-A	12 DA-A	28 DA-A
PRM Data Type					
# Subsamples, Dec.					
Trt Treatment	Form Form	Rate Grow	Appl		
No. Name	Conc Type Rate Unit Stg Code				
1 NTC		0.0 c	0.0 b	0.0 b	0.0 c
2 BALANCE FLEXX	2 SC 4.0 OZ/A EPOST A	1.3 bc	99.0 a	99.0 a	5.0 bc
ATRAZINE	4 L 32.0 OZ/A EPOST A				0.0 a
3 BALANCE FLEXX	2 SC 6.0 OZ/A EPOST A	2.5 abc	99.0 a	99.0 a	10.0 b
ATRAZINE	4 L 32.0 OZ/A EPOST A				1.3 a
4 BALANCE FLEXX	2 SC 12.0 OZ/A EPOST A	5.0 ab	99.0 a	99.0 a	25.0 a
ATRAZINE	4 L 32.0 OZ/A EPOST A				2.5 a
5 CORVUS	2.83 SC 3.3 OZ/A EPOST A	0.0 c	99.0 a	99.0 a	6.3 bc
ATRAZINE	4 L 32.0 OZ/A EPOST A				1.3 a
6 CORVUS	2.83 SC 5.6 OZ/A EPOST A	0.0 c	99.0 a	99.0 a	7.5 b
ATRAZINE	4 L 32.0 OZ/A EPOST A				2.5 a
7 CORVUS	2.83 SC 11.2 OZ/A EPOST A	6.3 a	99.0 a	99.0 a	18.8 a
ATRAZINE	4 L 32.0 OZ/A EPOST A				2.5 a
LSD (P=.10)	4.28	0.00	0.00	6.52	3.43
Standard Deviation	3.49	0.00	0.00	5.32	2.80
CV	163.02	0.0	0.0	51.34	195.97
Grand Mean	2.14	84.86	84.86	10.36	1.43
Bartlett's X2	1.845	0.0	0.0	8.637	2.198
P(Bartlett's X2)	0.605	.	.	0.124	0.699
Replicate F	1.171	0.000	0.000	1.221	0.911
Replicate Prob(F)	0.3484	1.0000	1.0000	0.3308	0.4551
Treatment F	2.171	0.000	0.000	10.516	0.646
Treatment Prob(F)	0.0947	1.0000	1.0000	0.0001	0.6931

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 = Average (9, 11, 12)

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Weed Code	-----	ANNUAL	AMAPA	AMAPA	ANNUAL
Crop Code	ZEAMA	GRASS	-----	-----	GRASS
Part Rated	PLANT -				
Rating Data Type	CHLOROSI	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Apr-27-12	Apr-27-12	Apr-27-12	May-18-12	May-18-12
Crop Stage					
Crop Stage Scale					
Weed Stage					
Weed Density, Unit					
Footnote Number					
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	49 DA-A	49 DA-A
PRM Data Type					
# Subsamples, Dec.					
Trt Treatment	Form Form	Rate Grow			
No. Name	Conc Type Rate Unit Stg	Appl Code			
1 NTC					
	0.0 a	0.0 c	0.0 b	0.0 b	0.0 d
2 BALANCE FLEXX	2 SC	4.0 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	88.8 b	99.0 a	99.0 a	83.8 c
3 BALANCE FLEXX	2 SC	6.0 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	97.0 a	99.0 a	99.0 a	95.8 ab
4 BALANCE FLEXX	2 SC	12.0 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	98.0 a	99.0 a	99.0 a	97.0 ab
5 CORVUS	2.83 SC	3.3 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	94.5 a	99.0 a	99.0 a	91.3 b
6 CORVUS	2.83 SC	5.6 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	95.8 a	99.0 a	99.0 a	93.3 ab
7 CORVUS	2.83 SC	11.2 OZ/A EPOST A			
ATRAZINE	4 L	32.0 OZ/A EPOST A			
	0.0 a	98.0 a	99.0 a	99.0 a	98.0 a
LSD (P=.10)	0.00	5.15	0.00	0.00	5.40
Standard Deviation	0.00	4.20	0.00	0.00	4.41
CV	0.0	5.14	0.0	0.0	5.52
Grand Mean	0.0	81.71	84.86	84.86	79.86
Bartlett's X2	0.0	9.243	0.0	0.0	6.885
P(Bartlett's X2)	.	0.10	.	.	0.229
Replicate F	0.000	1.445	0.000	0.000	1.988
Replicate Prob(F)	1.0000	0.2628	1.0000	1.0000	0.1519
Treatment F	0.000	296.342	0.000	0.000	260.318
Treatment Prob(F)	1.0000	0.0001	1.0000	1.0000	0.0001

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Weed Code	-----	-----
Crop Code	ZEAMA	ZEAMA
Part Rated		
Rating Data Type	YIELD	YIELD
Rating Unit	LBS/PLOT	BU/A
Rating Date	Aug-25-12	Aug-25-12
Crop Stage		
Crop Stage Scale		
Weed Stage		
Weed Density, Unit		
Footnote Number		
Trt-Eval Interval	148 DA-A	148 DA-A
PRM Data Type		TY1
# Subsamples, Dec.		- 0
Trt Treatment	Form Form	Rate Grow
No. Name	Conc Type Rate Unit Stg	Appl Code
1 NTC		38.0 a 193 a
2 BALANCE FLEXX	2 SC 4.0 OZ/A EPOST A	39.8 a 202 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
3 BALANCE FLEXX	2 SC 6.0 OZ/A EPOST A	39.0 a 199 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
4 BALANCE FLEXX	2 SC 12.0 OZ/A EPOST A	36.3 a 185 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
5 CORVUS	2.83 SC 3.3 OZ/A EPOST A	35.7 a 182 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
6 CORVUS	2.83 SC 5.6 OZ/A EPOST A	39.8 a 202 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
7 CORVUS	2.83 SC 11.2 OZ/A EPOST A	42.5 a 216 a
ATRAZINE	4 L 32.0 OZ/A EPOST A	
LSD (P=.10)	4.61	23.5
Standard Deviation	3.75	19.1
CV	9.69	9.69
Grand Mean	38.7	197.04
Bartlett's X2	4.648	4.648
P(Bartlett's X2)	0.59	0.59
Replicate F	1.591	1.591
Replicate Prob(F)	0.2285	0.2285
Treatment F	1.539	1.539
Treatment Prob(F)	0.2252	0.2252

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.						----- ZEAMA PLANT - STUNTING PERCENT Apr-11-12	ANNUAL GRASS CONTROL PERCENT Apr-11-12	AMAPA ----- CONTROL PERCENT Apr-11-12	----- ZEAMA PLANT - CHLORSIS PERCENT Apr-11-12	----- ZEAMA PLANT - STUNTING PERCENT Apr-27-12
						12 DA-A	12 DA-A	12 DA-A	12 DA-A	28 DA-A
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
							207	0.0	0.0	0.0
							304	0.0	0.0	0.0
							401	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0
2	BALANCE FLEXX	2 SC		4.0 OZ/A	EPOST A		102	5.0	99.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		201	0.0	99.0	10.0
							306	0.0	99.0	0.0
							407	0.0	99.0	5.0
							Mean =	1.3	99.0	5.0
3	BALANCE FLEXX	2 SC		6.0 OZ/A	EPOST A		103	0.0	99.0	15.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		205	0.0	99.0	5.0
							301	10.0	99.0	10.0
							403	0.0	99.0	10.0
							Mean =	2.5	99.0	10.0
4	BALANCE FLEXX	2 SC		12.0 OZ/A	EPOST A		104	10.0	99.0	40.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		206	10.0	99.0	20.0
							307	0.0	99.0	15.0
							405	0.0	99.0	25.0
							Mean =	5.0	99.0	25.0
5	CORVUS	2.83 SC		3.3 OZ/A	EPOST A		105	0.0	99.0	5.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		204	0.0	99.0	5.0
							305	0.0	99.0	5.0
							404	0.0	99.0	10.0
							Mean =	0.0	99.0	6.3
6	CORVUS	2.83 SC		5.6 OZ/A	EPOST A		106	0.0	99.0	10.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		203	0.0	99.0	5.0
							302	0.0	99.0	10.0
							406	0.0	99.0	5.0
							Mean =	0.0	99.0	7.5

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Weed Code	-----	ANNUAL	AMAPA	-----	-----
Crop Code	ZEAMA	GRASS		ZEAMA	ZEAMA
Part Rated	PLANT -			PLANT -	PLANT -
Rating Data Type	STUNTING	CONTROL	CONTROL	CHLORSIS	STUNTING
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Apr-11-12	Apr-11-12	Apr-11-12	Apr-11-12	Apr-27-12
Crop Stage					
Crop Stage Scale					
Weed Stage					
Weed Density, Unit					
Footnote Number					
Trt-Eval Interval	12 DA-A	12 DA-A	12 DA-A	12 DA-A	28 DA-A
PRM Data Type					
# Subsamples, Dec.					
Trt Treatment	Form Form	Rate	Grow	Appl	
No. Name	Conc Type	Rate Unit	Stg	Code Plot	
7 CORVUS	2.83 SC	11.2 OZ/A	EPOST A	107	5.0
ATRAZINE	4 L	32.0 OZ/A	EPOST A	202	10.0
				303	10.0
				402	0.0
				Mean =	6.3
					99.0
					99.0
					99.0
					99.0
					20.0
					25.0
					20.0
					10.0
					18.8
					2.5

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.						----- ZEAMA PLANT - CHLOROSI PERCENT Apr-27-12	ANNUAL GRASS CONTROL PERCENT Apr-27-12	AMAPA ----- CONTROL PERCENT Apr-27-12	AMAPA ----- CONTROL PERCENT May-18-12	ANNUAL GRASS CONTROL PERCENT May-18-12
						28 DA-A	28 DA-A	28 DA-A	49 DA-A	49 DA-A
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
							207	0.0	0.0	0.0
							304	0.0	0.0	0.0
							401	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0
2	BALANCE FLEXX	2 SC		4.0 OZ/A	EPOST A		102	0.0	95.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		201	0.0	85.0	99.0
							306	0.0	95.0	99.0
							407	0.0	80.0	99.0
							Mean =	0.0	88.8	99.0
3	BALANCE FLEXX	2 SC		6.0 OZ/A	EPOST A		103	0.0	95.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		205	0.0	99.0	99.0
							301	0.0	99.0	99.0
							403	0.0	95.0	99.0
							Mean =	0.0	97.0	99.0
4	BALANCE FLEXX	2 SC		12.0 OZ/A	EPOST A		104	0.0	99.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		206	0.0	99.0	99.0
							307	0.0	99.0	99.0
							405	0.0	95.0	99.0
							Mean =	0.0	98.0	99.0
5	CORVUS	2.83 SC		3.3 OZ/A	EPOST A		105	0.0	85.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		204	0.0	95.0	99.0
							305	0.0	99.0	99.0
							404	0.0	99.0	99.0
							Mean =	0.0	94.5	99.0
6	CORVUS	2.83 SC		5.6 OZ/A	EPOST A		106	0.0	99.0	99.0
	ATRAZINE	4 L		32.0 OZ/A	EPOST A		203	0.0	95.0	99.0
							302	0.0	99.0	99.0
							406	0.0	90.0	99.0
							Mean =	0.0	95.8	99.0

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Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code									-----	-----
Crop Code									ZEAMA	ZEAMA
Part Rated										
Rating Data Type									YIELD	YIELD
Rating Unit									LBS/PLOT	BU/A
Rating Date									Aug-25-12	Aug-25-12
Crop Stage										
Crop Stage Scale										
Weed Stage										
Weed Density, Unit										
Footnote Number										
Trt-Eval Interval									148 DA-A	148 DA-A
PRM Data Type										TY1
# Subsamples, Dec.										- 0
Trt Treatment	Form	Form	Rate	Grow	Appl					
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
1 NTC						101		31.0		158
						207		38.0		193
						304		39.0		199
						401		44.0		224
						Mean =		38.0		193
2 BALANCE FLEXX	2 SC		4.0 OZ/A	EPOST A		102		40.0		204
ATRAZINE	4 L		32.0 OZ/A	EPOST A		201		44.0		224
						306		34.0		173
						407		41.0		209
						Mean =		39.8		202
3 BALANCE FLEXX	2 SC		6.0 OZ/A	EPOST A		103		36.0		183
ATRAZINE	4 L		32.0 OZ/A	EPOST A		205		35.0		178
						301		44.0		224
						403		41.0		209
						Mean =		39.0		199
4 BALANCE FLEXX	2 SC		12.0 OZ/A	EPOST A		104		33.0		168
ATRAZINE	4 L		32.0 OZ/A	EPOST A		206		38.0		193
						307		37.0		188
						405		37.0		188
						Mean =		36.3		185
5 CORVUS	2.83 SC		3.3 OZ/A	EPOST A		105		.		.
ATRAZINE	4 L		32.0 OZ/A	EPOST A		204		35.0		178
						305		33.0		168
						404		39.0		199
						Mean =		35.7		182
6 CORVUS	2.83 SC		5.6 OZ/A	EPOST A		106		35.0		178
ATRAZINE	4 L		32.0 OZ/A	EPOST A		203		41.0		209
						302		46.0		234
						406		37.0		188
						Mean =		39.8		202

University of Georgia

TOBACCO PLANT-BACK FOLLOWING EPOST BALANCE FLEXX
AND CORVUS IN FIELD CORN

Trial ID: CN-09-12 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----			
Crop Code	ZEAMA	ZEAMA			
Part Rated					
Rating Data Type	YIELD	YIELD			
Rating Unit	LBS/PLOT	BU/A			
Rating Date	Aug-25-12	Aug-25-12			
Crop Stage					
Crop Stage Scale					
Weed Stage					
Weed Density, Unit					
Footnote Number					
Trt-Eval Interval	148 DA-A	148 DA-A			
PRM Data Type		TY1			
# Subsamples, Dec.		- 0			
Trt Treatment	Form Form	Rate Grow			
No. Name	Conc Type Rate Unit Stg	Appl Code Plot			
7 CORVUS	2.83 SC	11.2 OZ/A EPOST A	107	43.0	219
ATRAZINE	4 L	32.0 OZ/A EPOST A	202	40.0	204
			303	43.0	219
			402	44.0	224
			Mean =	42.5	216