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FOLLOWING YIELD OBSERVATIONS WERE MADE:

- A) IN THE ABSENCE OF ALS-HERBICIDES, THERE WAS NO SIGNIFICANT DIFFERENCE IN CORN YIELD BETWEEN THE 3 HYBRIDS.
- B) CADRE DID NOT SIGNIFICANTLY REDUCE THE YIELDS OF ANY HYBRID.
- C) STRONGARM AND STAPLE CAUSED SIGNIFICANT YIELD REDUCTIONS IN ALL 3 HYBRIDS.
- D) STRONGARM CAUSED GREATER YIELD LOSSES IN MYCOGEN 2C797 WHEN COMPARED TO PIONEER 1739YHR. YIELD LOSSES FROM STRONGARM BETWEEN 2C797 AND DKC 6208 WERE SIMILAR AS WERE YIELD LOSSES BETWEEN 6208 AND 1739.
- E) STAPLE CAUSED GREATER YIELD REDUCTIONS IN 2C797 THAN 6208 AND 1739. YIELD LOSSES FROM STAPLE WERE SIMILAR BETWEEN 6208 AND 1739.

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CORN HYBRID TOLERANCE TO LOW RATES OF ALS HERBICIDES

Trial ID: CN-01-18 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: _____ **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. _____ **2.** _____

Crop 1: ZEAMA FIELD CORN **Variety:** SEVERAL **Planting Date:** Mar-27-18
Planting Method: MONOSEM **Rate:** 36300 SEED/A **Depth:** 1.75 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** FACTOR
Trial Initiation Comments: _____

Previous: Crops	Pesticides	Year
1. PEANUT	2017	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.53 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2
pH: 6.0 **CEC:** 2.6 **Soil Name:** DOTHAN **Fertility Level:** GOOD

MOISTURE CONDITIONS

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

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

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		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	Mar-28-18	_____	_____	_____	_____	_____	_____
Time of Day:	7:30 AM	_____	_____	_____	_____	_____	_____
Application Method:	BROADCAST	_____	_____	_____	_____	_____	_____
Application Timing:	PRE	_____	_____	_____	_____	_____	_____
Applic. Placement:	SOIL	_____	_____	_____	_____	_____	_____
Air Temp., Unit:	56 F	_____	_____	_____	_____	_____	_____
% Relative Humidity:	84	_____	_____	_____	_____	_____	_____
Wind Velocity, Unit:	0 MPH	_____	_____	_____	_____	_____	_____
Dew Presence (Y/N):	Y	_____	_____	_____	_____	_____	_____
Water Hardness:	_____	_____	_____	_____	_____	_____	_____
Soil Temp., Unit:	59 F	_____	_____	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	_____	_____	_____	_____	_____	_____
% Cloud Cover:	0	_____	_____	_____	_____	_____	_____

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

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:	_____	_____	_____	_____	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	27	_____	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	15 IN	_____	_____	_____	_____	_____	_____
Nozzles/Row:	2	_____	_____	_____	_____	_____	_____
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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CORN HYBRID TOLERANCE TO LOW RATES
OF ALS HERBICIDES

Trial ID: CN-01-18 Study Dir.:
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----			
Crop Code	ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA			
Part Rated	PLANT -	PLANT -	PLANT -	PLANT -	PLANT -	PLANT -			
Rating Data Type	STUNTING	STUNTING	STUNTING	STUNTING	STUNTING	STUNTING			
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date	Apr-10-18	Apr-18-18	Apr-23-18	May-2-18	May-16-18	Jun-5-18			
Trt-Eval Interval	13 DA-A	21 DA-A	26 DA-A	35 DA-A	49 DA-A	69 DA-A			
PRM Data Type									
# Subsamples, Dec.									
Trt Treatment	Form	Form	Rate	Grow	Appl				
No. Name	Conc	Type	Rate	Unit	Stg	Code			
TABLE OF R MEANS	1	2	3	4	5	6			
Replicate 1	5.4	30.0	38.3	49.2	41.3	27.5			
Replicate 2	5.4	32.5	41.3	47.9	40.0	25.8			
Replicate 3	5.4	34.2	39.2	50.4	44.2	31.7			
Replicate 4	5.4	35.8	39.6	45.4	45.8	30.0			
TABLE OF A (HYBRID) MEANS									
1 MYCOGEN 2C797	5.0 b	30.3 b	39.1 b	46.3 b	41.3 b	29.4 a			
2 DEKALB DKC62-08	5.0 b	39.7 a	43.4 a	52.2 a	46.9 a	31.9 a			
3 PIONEER 1739YHR	6.3 a	29.4 b	36.3 b	46.3 b	40.3 b	25.0 b			
Tukey's HSD P=.10	.	7.52	3.72	3.90	4.87	3.55			
Standard Deviation	0.00	8.47	4.19	4.39	5.48	4.00			
CV	0.00	25.56	10.58	9.10	12.80	13.90			
TABLE OF B (HERBICIDE) MEANS									
1 NO HERBICIDE	0.0 b	0.0 c	0.0 c	0.0 d	0.0 d	0.0 d			
2 CADRE	2 AS	1.0 oz/a	PRE A	0.0 b	31.7 b	45.4 b	51.3 c	46.3 c	25.8 c
3 STRONGARM	84 WG	0.113 oz/a	PRE A	0.0 b	49.2 a	55.8 a	75.8 a	67.1 a	49.2 a
4 STAPLE LX	3.2 SL	0.75 oz/a	PRE A	21.7 a	51.7 a	57.1 a	65.8 b	57.9 b	40.0 b
Tukey's HSD P=.10	.	10.25	4.67	5.63	7.21	7.31			
Standard Deviation	0.00	9.44	4.30	5.19	6.64	6.74			
CV	0.00	28.50	10.87	10.76	15.50	23.43			
TABLE OF A (HYBRID) B (HERBICIDE) MEANS									
1 MYCOGEN 2C797	0.0 c	0.0 e	0.0 d	0.0 f	0.0 d	0.0 f			
1 NO HERBICIDE									
2 DEKALB DKC62-08	0.0 c	0.0 e	0.0 d	0.0 f	0.0 d	0.0 f			
1 NO HERBICIDE									
3 PIONEER 1739YHR	0.0 c	0.0 e	0.0 d	0.0 f	0.0 d	0.0 f			
1 NO HERBICIDE									
1 MYCOGEN 2C797	0.0 c	22.5 d	45.0 bc	42.5 e	42.5 c	20.0 e			
2 CADRE	2 AS	1.0 oz/a	PRE A						
2 DEKALB DKC62-08	0.0 c	42.5 c	52.5 ab	61.3 d	53.8 b	35.0 d			
2 CADRE	2 AS	1.0 oz/a	PRE A						
3 PIONEER 1739YHR	0.0 c	30.0 d	38.8 c	50.0 e	42.5 c	22.5 e			
2 CADRE	2 AS	1.0 oz/a	PRE A						
1 MYCOGEN 2C797	0.0 c	42.5 c	50.0 abc	75.0 ab	63.8 b	52.5 ab			
3 STRONGARM	84 WG	0.113 oz/a	PRE A						
2 DEKALB DKC62-08	0.0 c	60.0 a	61.3 a	80.0 a	75.0 a	55.0 a			
3 STRONGARM	84 WG	0.113 oz/a	PRE A						
3 PIONEER 1739YHR	0.0 c	45.0 bc	56.3 ab	72.5 abc	62.5 b	40.0 cd			
3 STRONGARM	84 WG	0.113 oz/a	PRE A						
1 MYCOGEN 2C797	20.0 b	56.3 ab	61.3 a	67.5 bcd	58.8 b	45.0 bc			
4 STAPLE LX	3.2 SL	0.75 oz/a	PRE A						
2 DEKALB DKC62-08	20.0 b	56.3 ab	60.0 a	67.5 bcd	58.8 b	37.5 cd			
4 STAPLE LX	3.2 SL	0.75 oz/a	PRE A						
3 PIONEER 1739YHR	25.0 a	42.5 c	50.0 abc	62.5 cd	56.3 b	37.5 cd			
4 STAPLE LX	3.2 SL	0.75 oz/a	PRE A						
Tukey's HSD P=.10	.	12.28	12.18	10.03	10.99	8.92			
Standard Deviation	0.00	5.18	5.13	4.23	4.63	3.76			
CV	0.00	15.63	12.96	8.77	10.82	13.07			

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code							-----	-----	-----
Crop Code							ZEAMA	ZEAMA	ZEAMA
Part Rated							PLOT -	PLOT -	PLOT -
Rating Data Type							YIELD	MOISTURE	YIELD
Rating Unit							LBS/PLOT	PERCENT	BU/A
Rating Date							Aug-28-18	Aug-28-18	Aug-28-18
Trt-Eval Interval							153 DA-A	153 DA-A	153 DA-A
PRM Data Type									TY1
# Subsamples, Dec.									- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	7	8	9
TABLE OF R MEANS									
Replicate 1							37.8	15.53	196
Replicate 2							36.7	15.53	190
Replicate 3							34.0	15.53	176
Replicate 4							35.1	15.53	182
TABLE OF A (HYBRID) MEANS									
1 MYCOGEN 2C797							31.1 b	15.40 b	162 b
2 DEKALB DKC62-08							36.9 a	15.10 c	192 a
3 PIONEER 1739YHR							39.6 a	16.10 a	204 a
Tukey's HSD P=.10							3.28	.	16.9
Standard Deviation							3.69	0.000	19.1
CV							10.29	0.000	10.3
TABLE OF B (HERBICIDE) MEANS									
1 NO HERBICIDE							44.5 a	15.53 a	231 a
2 CADRE 2 AS 1.0 oz/a PRE A							40.0 a	15.53 a	207 a
3 STRONGARM 84 WG 0.113 oz/a PRE A							30.2 b	15.53 a	156 b
4 STAPLE LX 3.2 SL 0.75 oz/a PRE A							28.8 b	15.53 a	149 b
Tukey's HSD P=.10							5.52	.	28.6
Standard Deviation							5.08	0.000	26.4
CV							14.16	0.000	14.2
TABLE OF A (HYBRID) B (HERBICIDE) MEANS									
1 MYCOGEN 2C797 1 NO HERBICIDE							41.8 abc	15.40 b	217 abc
2 DEKALB DKC62-08 1 NO HERBICIDE							44.3 ab	15.10 c	231 ab
3 PIONEER 1739YHR 1 NO HERBICIDE							47.5 a	16.10 a	245 a
1 MYCOGEN 2C797 2 CADRE 2 AS 1.0 oz/a PRE A							39.0 bcd	15.40 b	202 bcd
2 DEKALB DKC62-08 2 CADRE 2 AS 1.0 oz/a PRE A							39.0 bcd	15.10 c	203 bcd
3 PIONEER 1739YHR 2 CADRE 2 AS 1.0 oz/a PRE A							42.0 ab	16.10 a	216 abc
1 MYCOGEN 2C797 3 STRONGARM 84 WG 0.113 oz/a PRE A							26.3 f	15.40 b	136 f
2 DEKALB DKC62-08 3 STRONGARM 84 WG 0.113 oz/a PRE A							29.5 ef	15.10 c	154 ef
3 PIONEER 1739YHR 3 STRONGARM 84 WG 0.113 oz/a PRE A							34.8 de	16.10 a	179 de
1 MYCOGEN 2C797 4 STAPLE LX 3.2 SL 0.75 oz/a PRE A							17.5 g	15.40 b	91 g
2 DEKALB DKC62-08 4 STAPLE LX 3.2 SL 0.75 oz/a PRE A							35.0 cde	15.10 c	182 cde
3 PIONEER 1739YHR 4 STAPLE LX 3.2 SL 0.75 oz/a PRE A							34.0 de	16.10 a	175 de
Tukey's HSD P=.10							6.91	.	35.9
Standard Deviation							2.91	0.000	15.1
CV							8.12	0.000	8.1

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT Apr-10-18 13 DA-A (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	4291.666667				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	16.666667	8.333333	0.000	1.0000	
RA	6	0.000000	0.000000			
B	3	4225.000000	1408.333333	0.000	1.0000	
RB	9	0.000000	0.000000			
AB	6	50.000000	8.333333	0.000	1.0000	
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT Apr-18-18 21 DA-A (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	24381.250000				
R	3	222.916667	74.305556	2.773	0.0713	
A	2	1040.625000	520.312500	7.257	0.0250	7.5
RA	6	430.208333	71.701389			
B	3	20406.250000	6802.083333	76.325	0.0001	10.3
RB	9	802.083333	89.120370			
AB	6	996.875000	166.145833	6.201	0.0011	12.3
RAB	18	482.291667	26.793981			

COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT Apr-23-18 26 DA-A (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	27791.666667				
R	3	54.166667	18.055556	0.686	0.5724	
A	2	419.791667	209.895833	11.970	0.0080	3.7
RA	6	105.208333	17.534722			
B	3	26054.166667	8684.722222	468.975	0.0001	4.7
RB	9	166.666667	18.518519			
AB	6	517.708333	86.284722	3.277	0.0234	12.2
RAB	18	473.958333	26.331019			

COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT May-2-18 35 DA-A (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	42624.479167				
R	3	164.062500	54.687500	3.058	0.0548	
A	2	376.041667	188.020833	9.757	0.0130	3.9
RA	6	115.625000	19.270833			
B	3	40884.895833	13628.298611	506.445	0.0001	5.6
RB	9	242.187500	26.909722			
AB	6	519.791667	86.631944	4.845	0.0042	10.0
RAB	18	321.875000	17.881944			

COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT May-16-18 49 DA-A (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	33895.312500				
R	3	255.729167	85.243056	3.970	0.0247	
A	2	403.125000	201.562500	6.711	0.0295	4.9
RA	6	180.208333	30.034722			
B	3	31943.229167	10647.743056	241.778	0.0001	7.2
RB	9	396.354167	44.039352			
AB	6	330.208333	55.034722	2.563	0.0567	11.0
RAB	18	386.458333	21.469907			

COMPLETE FACTORIAL AOV For ----- ZEAMA PLANT STUNTING PERCENT Jun-5-18 69 DA-A (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	47	18725.000000				
R	3	241.666667	80.555556	5.705	0.0063	
A	2	387.500000	193.750000	12.130	0.0078	3.6
RA	6	95.833333	15.972222			
B	3	16541.666667	5513.888889	121.531	0.0001	7.3
RB	9	408.333333	45.370370			
AB	6	795.833333	132.638889	9.393	0.0001	8.9
RAB	18	254.166667	14.120370			

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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COMPLETE FACTORIAL AOV For ----- ZEAMA PLOT YIELD LBS/PLOT Aug-28-18 153 DA-A (Data Column 7)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	47	3659.250000					
R	3	99.416667	33.138889	3.908	0.0260		
A	2	596.625000	298.312500	21.906	0.0017	3.3	
RA	6	81.708333	13.618056				
B	3	2082.916667	694.305556	26.905	0.0001	5.5	
RB	9	232.250000	25.805556				
AB	6	413.708333	68.951389	8.132	0.0002	6.9	
RAB	18	152.625000	8.479167				

COMPLETE FACTORIAL AOV For ----- ZEAMA PLOT MOISTURE PERCENT Aug-28-18 153 DA-A (Data Column 8)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	47	8.426667					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	8.426667	4.213333	0.000	1.0000	.	
RA	6	0.000000	0.000000				
B	3	0.000000	0.000000	0.000	1.0000	.	
RB	9	0.000000	0.000000				
AB	6	0.000000	0.000000	0.000	1.0000	.	
RAB	18	0.000000	0.000000				

COMPLETE FACTORIAL AOV For ----- ZEAMA PLOT YIELD BU/A Aug-28-18 153 DA-A TY1 0 (Data Column 9)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	47	97584.738831					
R	3	2661.115181	887.038394	3.885	0.0265		
A	2	15209.122622	7604.561311	20.936	0.0020	17	
RA	6	2179.371003	363.228500				
B	3	55984.436155	18661.478718	26.841	0.0001	29	
RB	9	6257.243877	695.249320				
AB	6	11183.710526	1863.951754	8.164	0.0002	36	
RAB	18	4109.739467	228.318859				

Part Rated
 PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
PRM Data Type
 TY1 = 5.185714*[7]*(100-[8])/84.5

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Weed Code							-----	-----	-----	-----	-----	-----		
Crop Code							ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA	ZEAMA		
Part Rated							PLANT -	PLANT -	PLANT -	PLANT -	PLANT -	PLANT -		
Rating Data Type							STUNTING	STUNTING	STUNTING	STUNTING	STUNTING	STUNTING		
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date							Apr-10-18	Apr-18-18	Apr-23-18	May-2-18	May-16-18	Jun-5-18		
Trt-Eval Interval							13 DA-A	21 DA-A	26 DA-A	35 DA-A	49 DA-A	69 DA-A		
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	6
12	PIONEER 1739YHR						112		25.0	30.0	50.0	60.0	50.0	30.0
	STAPLE LX	3.2	SL	0.75	oz/a	PRE	A	209	25.0	30.0	60.0	65.0	55.0	30.0
								310	25.0	50.0	50.0	65.0	60.0	40.0
								411	25.0	60.0	40.0	60.0	60.0	50.0
								Mean =	25.0	42.5	50.0	62.5	56.3	37.5

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Weed Code				-----	-----	-----					
Crop Code				ZEAMA	ZEAMA	ZEAMA					
Part Rated				PLOT -	PLOT -	PLOT -					
Rating Data Type				YIELD	MOISTURE	YIELD					
Rating Unit				LBS/PLOT	PERCENT	BU/A					
Rating Date				Aug-28-18	Aug-28-18	Aug-28-18					
Trt-Eval Interval				153 DA-A	153 DA-A	153 DA-A					
PRM Data Type						TY1					
# Subsamples, Dec.						- 0					
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	7	8	9
1	MYCOGEN 2C797 NO HERBICIDE						101		40.0	15.40	208
							204		38.0	15.40	197
							303		45.0	15.40	234
							402		44.0	15.40	228
							Mean =		41.8	15.40	217
2	MYCOGEN 2C797 CADRE	2 AS		1.0 oz/a	PRE	A	102		38.0	15.40	197
							203		41.0	15.40	213
							304		38.0	15.40	197
							401		39.0	15.40	202
							Mean =		39.0	15.40	202
3	MYCOGEN 2C797 STRONGARM	84 WG		0.113 oz/a	PRE	A	103		28.0	15.40	145
							202		27.0	15.40	140
							301		25.0	15.40	130
							404		25.0	15.40	130
							Mean =		26.3	15.40	136
4	MYCOGEN 2C797 STAPLE LX	3.2 SL		0.75 oz/a	PRE	A	104		27.0	15.40	140
							201		14.0	15.40	73
							302		19.0	15.40	99
							403		10.0	15.40	52
							Mean =		17.5	15.40	91
5	DEKALB DKC62-08 NO HERBICIDE						105		40.0	15.10	208
							207		46.0	15.10	240
							308		46.0	15.10	240
							406		45.0	15.10	234
							Mean =		44.3	15.10	231
6	DEKALB DKC62-08 CADRE	2 AS		1.0 oz/a	PRE	A	106		37.0	15.10	193
							208		40.0	15.10	208
							307		38.0	15.10	198
							405		41.0	15.10	214
							Mean =		39.0	15.10	203
7	DEKALB DKC62-08 STRONGARM	84 WG		0.113 oz/a	PRE	A	107		36.0	15.10	188
							206		33.0	15.10	172
							305		23.0	15.10	120
							408		26.0	15.10	135
							Mean =		29.5	15.10	154
8	DEKALB DKC62-08 STAPLE LX	3.2 SL		0.75 oz/a	PRE	A	108		39.0	15.10	203
							205		36.0	15.10	188
							306		33.0	15.10	172
							407		32.0	15.10	167
							Mean =		35.0	15.10	182
9	PIONEER 1739YHR NO HERBICIDE						109		49.0	16.10	252
							212		49.0	16.10	252
							311		46.0	16.10	237
							410		46.0	16.10	237
							Mean =		47.5	16.10	245
10	PIONEER 1739YHR CADRE	2 AS		1.0 oz/a	PRE	A	110		43.0	16.10	221
							211		44.0	16.10	227
							309		34.0	16.10	175
							412		47.0	16.10	242
							Mean =		42.0	16.10	216
11	PIONEER 1739YHR STRONGARM	84 WG		0.113 oz/a	PRE	A	111		40.0	16.10	206
							210		37.0	16.10	191
							312		31.0	16.10	160
							409		31.0	16.10	160
							Mean =		34.8	16.10	179

University of Georgia

CORN HYBRID TOLERANCE TO LOW RATES
OF ALS HERBICIDES
Trial ID: CN-01-18 Study Dir.:
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated
PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
PRM Data Type
TY1 = 5.185714*[7]*(100-[8])/84.5