

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Belleville IL 62221 USA
 Trial Status: FINAL Initiation Date: 06-04-10

Objectives: Compare the efficacy of preemergence and sequential herbicide programs
 in corn from DuPont and Dow AgroSciences.

Crop 1: ZEAMD Dent corn Variety: DKC 61-69 Description: RR2 (VT3)
 Planting Method: SEEDED Planting Date: 06-04-10
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. foxtail, giant
 Pest 2 Type: W Code: IPOSS morningglory, species
 Pest 3 Type: W Code: AMBTR Ambrosia trifida L. ragweed, giant
 Pest 4 Type: W Code: ABUTH Abutilon theophrasti Medicus velvetleaf
 Pest 5 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 27 FT Tillage Type: REDUCED-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. GLXMA 2009

Field Prep./Maintenance: N 150 LB/A, P205 0 LB/A, K20 100 LB/A

% OM: 1.7 Texture: SILT LOAM
 pH: 6.6 Soil Name: PIERRON
 CEC: 10 Fert. Level: P1: 75 LB/A, K: 347 LB/A

Application Description

	A	B	C
Application Date:	06-05-10	06-24-10	06-21-10
Time of Day:	13:00	13:00	10:30
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	4-6"W	12"CN
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	JK	JR	JK
Air Temperature, Unit:	84 F	80 F	88 F
% Relative Humidity:	92	74	92
Wind Velocity, Unit:	4 MPH	3 MPH	2 MPH
Wind Direction:	S		N
Dew Presence (Y/N):	N	N	N
Soil Moisture:	NORMAL	NORMAL	NORMAL
% Cloud Cover:	40	0	10

	06-05-10	06-24-10	06-21-10
Crop stage at application:	NA	V6	V5
Height Min, Max (inch):		16 18	10 12

Pest Stage At Each Application

	06-05-10	06-24-10	06-21-10
Application Date:	06-05-10	06-24-10	06-21-10
Weed Code:	SETFA	SETFA	SETFA
Stage Majority (leaves):	NA	4	2
Stage Min, Max:		3 5	1 3
Height Majority:		3 IN	2 IN
Height Min, Max:		3 4	0.5 3
Density, Unit:		0.01 FT2	0.01 FT2
Weed Code:	IPOSS	IPOSS	IPOSS
Stage Majority (leaves):	NA	6	3
Stage Min, Max:		5 7	COTY 5
Height Majority:		4 IN	3 IN
Height Min, Max:		3 4	1 4
Density, Unit:		0.1 FT2	0.1 FT2
Weed Code:	AMBTR	AMBTR	AMBTR
Stage Majority (leaves):	NA	8	4
Stage Min, Max:		6 8	2 4
Height Majority:		7 IN	3 IN
Height Min, Max:		5 8	1 4
Density, Unit:		0.01 FT2	0.01 FT2
Weed Code:	ABUTH	ABUTH	ABUTH
Stage Majority (leaves):	NA	6	2
Stage Min, Max:		5 7	0 3
Height Majority:		4 IN	2 IN
Height Min, Max:		3 4	0.5 3
Density, Unit:		0.01 FT2	0.01 FT2
Weed Code:	AMATA	AMATA	AMATA
Stage Majority (leaves):	NA	7	4
Stage Min, Max:		7 8	4 6
Height Majority:		4 IN	1 IN
Height Min, Max:		3 4	0.5 2
Density, Unit:		0.01 FT2	0.01 FT2

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Application Equipment

Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

DuPont and Dow Herbicide Programs in Corn.

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Location: Belleville Res. Center

Pest Code Crop Code Rating Date Rating Data Type Rating Unit Rating Timing Trt-Eval Interval										ZEAMD 10-18-10 Moisture Percent	ZEAMD 10-18-10 Test wt. lb/bu	ZEAMD 10-18-10 Yield bu/A	ZEAMD 06-21-10 Injury Percent 0 DA-C	ZEAMD 07-05-10 Injury Percent 11 DA-B 14 DA-C	ZEAMD 07-19-10 Injury Percent 25 DA-B 28 DA-C	ZEAMD 08-16-10 Injury Percent 53 DA-B 56 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	NONTREATED									13.0 a	61.3 b	99 c	0 b	0 a	0 a	0 a
2	PREQUEL	45 WG				1.66 oz/a		PRE	A	12.6 ab	61.7 ab	160 a	0 b	0 a	0 a	0 a
2	RESOLVE SG	25 SG		0.0156 lb ai/a				PRE	A							
2	ISOXAFLUTOLE	75 WG		0.0313 lb ai/a				PRE	A							
2	REALM Q					4 oz/a		12"CN	C							
2	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C							
2	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C							
2	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C							
2	AATREX	4 SC		1 lb ai/a		1 qt/a		12"CN	C							
2	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C							
2	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
3	CORVUS	2.62 SC		0.0676 lb ai/a		3.3 fl oz/a		PRE	A	12.6 ab	61.8 ab	156 a	1 a	0 a	0 a	0 a
3	CAPRENO	3.45 SC		0.081 lb ai/a		3 fl oz/a		12"CN	C							
3	AATREX	4 SC		1 lb ai/a		1 qt/a		12"CN	C							
3	ROUNDUP POWERMAX	4.5 SL		0.77 lb ae/a		22 fl oz/a		12"CN	C							
3	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
4	CINCH ATZ	5.5 SC		1.37 lb ai/a		1 qt/a		PRE	A	12.6 ab	61.7 ab	148 ab	0 b	0 a	0 a	0 a
4	REALM Q					4 oz/a		12"CN	C							
4	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C							
4	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C							
4	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C							
4	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C							
4	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
5	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	12.3 ab	62.0 a	145 ab	0 b	0 a	0 a	0 a
5	REALM Q					4 oz/a		12"CN	C							
5	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C							
5	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C							
5	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C							
5	AATREX	4 SC		0.5 lb ai/a		1 pt/a		12"CN	C							
5	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C							
5	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
6	LEXAR	3.7 SC		1.39 lb ai/a		1.5 qt/a		PRE	A	12.3 ab	61.9 ab	140 ab	0 b	0 a	0 a	0 a
6	LEXAR	3.7 SC		1.39 lb ai/a		1.5 qt/a		12"CN	C							
6	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C							
6	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
7	INTEGRITY	5.57 EC		0.566 lb ai/a		13 fl oz/a		PRE	A	12.4 ab	61.9 ab	162 a	0 b	0 a	0 a	0 a
7	ROUNDUP POWERMAX	4.5 SL		0.77 lb ae/a		22 fl oz/a		12"CN	C							
7	STATUS	56 WG		0.0875 lb ae/a		2.5 oz/a		12"CN	C							
7	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C							
8	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	12.5 ab	61.8 ab	160 a	0 b	0 a	0 a	0 a
8	PREQUEL	45 WG				1.66 oz/a		PRE	A							
8	RESOLVE SG	25 SG		0.0156 lb ai/a				PRE	A							
8	ISOXAFLUTOLE	75 WG		0.0313 lb ai/a				PRE	A							
8	AATREX	4 SC		0.5 lb ai/a		16 fl oz/a		PRE	A							
9	LUMAX	3.95 SE		2.47 lb ai/a		2.5 qt/a		PRE	A	12.4 ab	61.9 a	149 ab	0 b	0 a	0 a	0 a
9	AATREX	4 SC		1.4 lb ai/a		1.4 qt/a		PRE	A							
10	LEXAR	3.7 SC		2.78 lb ai/a		3 qt/a		PRE	A	12.7 ab	61.7 ab	127 b	0 b	0 a	0 a	0 a
10	AATREX	4 SC		0.75 lb ai/a		1.5 pt/a		PRE	A							
11	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	12.5 ab	61.8 ab	144 ab	0 b	0 a	0 a	0 a
11	BASIS	75 WG		0.0234 lb ai/a		0.5 oz/a		PRE	A							
12	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	12.5 ab	61.8 ab	150 ab	0 b	0 a	0 a	0 a
12	PRINCEP	4 SC		1 lb ai/a		1 qt/a		PRE	A							
13	SURESTART	4.25 SE		0.93 lb ai/a		1.75 pt/a		PRE	A	12.2 b	62.0 a	148 ab	0 b	0 a	0 a	0 a
13	DURANGO DMA	4 SL		0.75 lb ae/a		24 fl oz/a		4-6"W	B							
13	N-PAK AMS	100 SL		5 % v/v		5 % v/v		4-6"W	B							
14	SURESTART	4.25 SE		1.33 lb ai/a		2.5 pt/a		PRE	A	12.4 ab	61.8 ab	150 ab	0 b	0 a	0 a	0 a
14	DURANGO DMA	4 SL		0.75 lb ae/a		24 fl oz/a		4-6"W	B							
14	N-PAK AMS	100 SL		5 % v/v		5 % v/v		4-6"W	B							

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Pest Code											ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	
Crop Code											10-18-10	10-18-10	10-18-10	06-21-10	07-05-10	07-19-10	08-16-10
Rating Date											Moisture	Test wt.	Yield	Injury	Injury	Injury	Injury
Rating Data Type											Percent	lb/bu	bu/A	Percent	Percent	Percent	Percent
Rating Unit														-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Rating Timing														0 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval																	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
15	SURESTART	4.25	SE	1.06	lb ai/a	2	pt/a	PRE	A	12.4	ab	61.9	ab	144	ab	0	b
15	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A							0	a
15	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B								
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B								
16	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	12.6	ab	61.7	ab	154	ab	0	b
16	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							0	a
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B								
17	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	12.3	ab	61.9	ab	153	ab	0	b
17	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A							0	a
17	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B								
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B								
LSD (P=.05)										0.75	0.61	27.9	0.7	0.0	0.0	0.0	0.0
Replicate F										0.921	1.282	3.225	1.000	0.000	0.000	0.000	0.000
Replicate Prob(F)										0.4082	0.2913	0.0530	0.3791	1.0000	1.0000	1.0000	1.0000
Treatment F										0.507	0.606	2.318	1.000	0.000	0.000	0.000	0.000
Treatment Prob(F)										0.9246	0.8558	0.0210	0.4807	1.0000	1.0000	1.0000	1.0000

Means followed by same letter do not significantly differ (P=.05, LSD)

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										SETFA	SETFA	SETFA	SETFA
Pest Code										06-21-10	07-05-10	07-19-10	08-16-10
Crop Code										Control	Control	Control	Control
Rating Date										Percent	Percent	Percent	Percent
Rating Data Type										-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Rating Unit										0 DA-C	14 DA-C	28 DA-C	56 DA-C
Rating Timing													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 b	0 b	0 b	0 b
2	PREQUEL	45	WG			1.66	oz/a	PRE	A	99 a	99 a	99 a	99 a
2	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A				
2	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A				
2	REALM Q					4	oz/a	12"CN	C				
2	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C				
2	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C				
2	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C				
2	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C				
2	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C				
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
3	CORVUS	2.62	SC	0.0676	lb ai/a	3.3	fl oz/a	PRE	A	99 a	99 a	99 a	99 a
3	CAPRENO	3.45	SC	0.081	lb ai/a	3	fl oz/a	12"CN	C				
3	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C				
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C				
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	99 a	99 a	99 a	99 a
4	REALM Q					4	oz/a	12"CN	C				
4	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C				
4	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C				
4	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C				
4	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
5	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	99 a	99 a	99 a	99 a
5	REALM Q					4	oz/a	12"CN	C				
5	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C				
5	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C				
5	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C				
5	AATREX	4	SC	0.5	lb ai/a	1	pt/a	12"CN	C				
5	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a	99 a
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	12"CN	C				
6	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C				
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
7	INTEGRITY	5.57	EC	0.566	lb ai/a	13	fl oz/a	PRE	A	99 a	99 a	99 a	99 a
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C				
7	STATUS	56	WG	0.0875	lb ae/a	2.5	oz/a	12"CN	C				
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C				
8	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	99 a	99 a	99 a	99 a
8	PREQUEL	45	WG			1.66	oz/a	PRE	A				
8	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A				
8	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A				
8	AATREX	4	SC	0.5	lb ai/a	16	fl oz/a	PRE	A				
9	LUMAX	3.95	SE	2.47	lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a
9	AATREX	4	SC	1.4	lb ai/a	1.4	qt/a	PRE	A				
10	LEXAR	3.7	SC	2.78	lb ai/a	3	qt/a	PRE	A	99 a	99 a	99 a	99 a
10	AATREX	4	SC	0.75	lb ai/a	1.5	pt/a	PRE	A				
11	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	99 a	99 a	99 a	99 a
11	BASIS	75	WG	0.0234	lb ai/a	0.5	oz/a	PRE	A				
12	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	99 a	99 a	99 a	99 a
12	PRINCEP	4	SC	1	lb ai/a	1	qt/a	PRE	A				
13	SURESTART	4.25	SE	0.93	lb ai/a	1.75	pt/a	PRE	A	99 a	99 a	99 a	99 a
13	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
14	SURESTART	4.25	SE	1.33	lb ai/a	2.5	pt/a	PRE	A	99 a	99 a	99 a	99 a
14	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				

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Pest Code	SETFA	SETFA	SETFA	SETFA
Crop Code				
Rating Date	06-21-10	07-05-10	07-19-10	08-16-10
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Trt-Eval Interval	0 DA-C	14 DA-C	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
15	SURESTART	4.25	SE	1.06	lb ai/a	2	pt/a	PRE	A	99	a	99	a
15	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
15	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
16	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	99	a	99	a
16	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
17	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	99	a	99	a
17	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
17	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
LSD (P=.05)										0.0		0.0	
Replicate F										0.000		0.000	
Replicate Prob(F)										1.0000		1.0000	
Treatment F										0.000		0.000	
Treatment Prob(F)										1.0000		1.0000	

Means followed by same letter do not significantly differ (P=.05, LSD)

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Location: Belleville Res. Center

										IPOSS	IPOSS	IPOSS	IPOSS
Pest Code										06-21-10	07-05-10	07-19-10	08-16-10
Crop Code										Control	Control	Control	Control
Rating Date										Percent	Percent	Percent	Percent
Rating Data Type										-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Rating Unit										0 DA-C	14 DA-C	28 DA-C	56 DA-C
Rating Timing													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 i	0 e	0 e	0 d
2	PREQUEL	45 WG				1.66 oz/a		PRE	A	20 h	96 a	95 a	95 ab
2	RESOLVE SG	25 SG		0.0156 lb ai/a				PRE	A				
2	ISOXAFLUTOLE	75 WG		0.0313 lb ai/a				PRE	A				
2	REALM Q					4 oz/a		12"CN	C				
2	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C				
2	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C				
2	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C				
2	AATREX	4 SC		1 lb ai/a		1 qt/a		12"CN	C				
2	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C				
2	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
3	CORVUS	2.62 SC		0.0676 lb ai/a		3.3 fl oz/a		PRE	A	75 e	96 a	97 a	97 a
3	CAPRENO	3.45 SC		0.081 lb ai/a		3 fl oz/a		12"CN	C				
3	AATREX	4 SC		1 lb ai/a		1 qt/a		12"CN	C				
3	ROUNDUP POWERMAX	4.5 SL		0.77 lb ae/a		22 fl oz/a		12"CN	C				
3	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
4	CINCH ATZ	5.5 SC		1.37 lb ai/a		1 qt/a		PRE	A	75 e	95 abc	94 ab	94 ab
4	REALM Q					4 oz/a		12"CN	C				
4	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C				
4	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C				
4	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C				
4	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C				
4	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
5	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	81 de	96 ab	94 ab	95 ab
5	REALM Q					4 oz/a		12"CN	C				
5	RESOLVE SG	25 SG		0.0188 lb ai/a				12"CN	C				
5	DPX-4145	50 WG		0.0094 lb ai/a				12"CN	C				
5	MESOTRIONE	50 WG		0.078 lb ai/a				12"CN	C				
5	AATREX	4 SC		0.5 lb ai/a		1 pt/a		12"CN	C				
5	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C				
5	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
6	LEXAR	3.7 SC		1.39 lb ai/a		1.5 qt/a		PRE	A	75 e	96 ab	96 a	97 a
6	LEXAR	3.7 SC		1.39 lb ai/a		1.5 qt/a		12"CN	C				
6	ABUNDIT	3 SL		0.75 lb ae/a		32 fl oz/a		12"CN	C				
6	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
7	INTEGRITY	5.57 EC		0.566 lb ai/a		13 fl oz/a		PRE	A	38 g	97 a	96 a	96 a
7	ROUNDUP POWERMAX	4.5 SL		0.77 lb ae/a		22 fl oz/a		12"CN	C				
7	STATUS	56 WG		0.0875 lb ae/a		2.5 oz/a		12"CN	C				
7	N-PAK AMS	100 SL		5 % v/v		5 % v/v		12"CN	C				
8	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	89 bcd	89 d	81 d	78 c
8	PREQUEL	45 WG				1.66 oz/a		PRE	A				
8	RESOLVE SG	25 SG		0.0156 lb ai/a				PRE	A				
8	ISOXAFLUTOLE	75 WG		0.0313 lb ai/a				PRE	A				
8	AATREX	4 SC		0.5 lb ai/a		16 fl oz/a		PRE	A				
9	LUMAX	3.95 SE		2.47 lb ai/a		2.5 qt/a		PRE	A	96 ab	94 a-d	91 abc	94 ab
9	AATREX	4 SC		1.4 lb ai/a		1.4 qt/a		PRE	A				
10	LEXAR	3.7 SC		2.78 lb ai/a		3 qt/a		PRE	A	98 a	92 a-d	92 abc	91 ab
10	AATREX	4 SC		0.75 lb ai/a		1.5 pt/a		PRE	A				
11	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	95 ab	89 cd	87 cd	87 bc
11	BASIS	75 WG		0.0234 lb ai/a		0.5 oz/a		PRE	A				
12	CINCH ATZ	5.5 SC		2.75 lb ai/a		2 qt/a		PRE	A	96 ab	90 bcd	88 bc	89 ab
12	PRINCEP	4 SC		1 lb ai/a		1 qt/a		PRE	A				
13	SURESTART	4.25 SE		0.93 lb ai/a		1.75 pt/a		PRE	A	58 f	92 a-d	93 ab	94 ab
13	DURANGO DMA	4 SL		0.75 lb ae/a		24 fl oz/a		4-6"W	B				
13	N-PAK AMS	100 SL		5 % v/v		5 % v/v		4-6"W	B				
14	SURESTART	4.25 SE		1.33 lb ai/a		2.5 pt/a		PRE	A	63 f	93 a-d	92 abc	92 ab
14	DURANGO DMA	4 SL		0.75 lb ae/a		24 fl oz/a		4-6"W	B				
14	N-PAK AMS	100 SL		5 % v/v		5 % v/v		4-6"W	B				

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Pest Code	IPOSS	IPOSS	IPOSS	IPOSS
Crop Code				
Rating Date	06-21-10	07-05-10	07-19-10	08-16-10
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Trt-Eval Interval	0 DA-C	14 DA-C	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
15	SURESTART	4.25	SE	1.06	lb ai/a	2	pt/a	PRE	A	85 cd	96 ab	95 a	96 a
15	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
15	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
16	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	73 e	93 a-d	93 ab	96 ab
16	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
17	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	90 abc	96 a	93 ab	96 ab
17	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
17	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
LSD (P=.05)										8.4	5.7	6.3	9.1
Replicate F										5.363	1.918	1.262	0.684
Replicate Prob(F)										0.0098	0.1634	0.2969	0.5119
Treatment F										91.902	134.508	110.101	53.553
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Pest Code								AMBTR	AMBTR	AMBTR	AMBTR
Crop Code											
Rating Date								06-21-10	07-05-10	07-19-10	08-16-10
Rating Data Type								Control	Control	Control	Control
Rating Unit								Percent	Percent	Percent	Percent
Rating Timing								-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Trt-Eval Interval								0 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code		
1	NONTREATED									0 f	0 d
2	PREQUEL	45	WG			1.66	oz/a	PRE	A	22 e	99 a
2	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A		99 a
2	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A		
2	REALM Q					4	oz/a	12"CN	C		
2	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C		
2	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C		
2	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C		
2	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C		
2	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C		
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
3	CORVUS	2.62	SC	0.0676	lb ai/a	3.3	fl oz/a	PRE	A	78 cd	99 a
3	CAPRENO	3.45	SC	0.081	lb ai/a	3	fl oz/a	12"CN	C		99 a
3	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C		
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C		
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	80 cd	99 a
4	REALM Q					4	oz/a	12"CN	C		99 a
4	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C		
4	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C		
4	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C		
4	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C		
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
5	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	78 cd	99 a
5	REALM Q					4	oz/a	12"CN	C		99 a
5	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C		
5	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C		
5	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C		
5	AATREX	4	SC	0.5	lb ai/a	1	pt/a	12"CN	C		
5	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C		
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	PRE	A	91 ab	99 a
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	12"CN	C		99 a
6	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C		
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
7	INTEGRITY	5.57	EC	0.566	lb ai/a	13	fl oz/a	PRE	A	73 d	98 ab
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C		98 a
7	STATUS	56	WG	0.0875	lb ae/a	2.5	oz/a	12"CN	C		
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C		
8	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	94 a	97 c
8	PREQUEL	45	WG			1.66	oz/a	PRE	A		94 c
8	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A		97 b
8	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A		
8	AATREX	4	SC	0.5	lb ai/a	16	fl oz/a	PRE	A		
9	LUMAX	3.95	SE	2.47	lb ai/a	2.5	qt/a	PRE	A	98 a	98 b
9	AATREX	4	SC	1.4	lb ai/a	1.4	qt/a	PRE	A		95 bc
10	LEXAR	3.7	SC	2.78	lb ai/a	3	qt/a	PRE	A	98 a	99 a
10	AATREX	4	SC	0.75	lb ai/a	1.5	pt/a	PRE	A		99 a
11	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	95 a	96 c
11	BASIS	75	WG	0.0234	lb ai/a	0.5	oz/a	PRE	A		92 c
12	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	93 a	97 c
12	PRINCEP	4	SC	1	lb ai/a	1	qt/a	PRE	A		92 c
13	SURESTART	4.25	SE	0.93	lb ai/a	1.75	pt/a	PRE	A	82 c	99 a
13	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B		98 ab
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B		98 a
14	SURESTART	4.25	SE	1.33	lb ai/a	2.5	pt/a	PRE	A	85 bc	99 ab
14	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B		98 ab
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B		98 a

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Pest Code	AMBTR	AMBTR	AMBTR	AMBTR
Crop Code				
Rating Date	06-21-10	07-05-10	07-19-10	08-16-10
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	-3 DA-B	11 DA-B	25 DA-B	53 DA-B
Trt-Eval Interval	0 DA-C	14 DA-C	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
15	SURESTART	4.25	SE	1.06	lb ai/a	2	pt/a	PRE	A	96 a	99 a	99 a	99 a
15	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
15	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
16	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	93 a	99 a	99 a	99 a
16	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
17	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	97 a	99 a	99 a	99 a
17	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A				
17	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B				
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B				
LSD (P=.05)										7.5	0.9	3.2	1.3
Replicate F										2.168	1.763	0.065	0.414
Replicate Prob(F)										0.1310	0.1877	0.9370	0.6646
Treatment F										112.017	5703.462	468.982	3002.849
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Pest Code										ABUTH	ABUTH	ABUTH	ABUTH	AMATA	AMATA	AMATA
Crop Code										06-21-10	07-05-10	07-19-10	08-16-10	07-05-10	07-19-10	08-16-10
Rating Date										Control	Control	Control	Control	Control	Control	Control
Rating Data Type										Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit										-3 DA-B	11 DA-B	25 DA-B	53 DA-B	11 DA-B	25 DA-B	53 DA-B
Rating Timing										0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	NONTREATED									0 e	0 c	0 c	0 c	0 b	0 b	0 b
2	PREQUEL	45	WG			1.66	oz/a	PRE	A	95 a	99 a	99 a	99 a	99 a	99 a	99 a
2	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A							
2	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A							
2	REALM Q					4	oz/a	12"CN	C							
2	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C							
2	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C							
2	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C							
2	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C							
2	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C							
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
3	CORVUS	2.62	SC	0.0676	lb ai/a	3.3	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
3	CAPRENO	3.45	SC	0.081	lb ai/a	3	fl oz/a	12"CN	C							
3	AATREX	4	SC	1	lb ai/a	1	qt/a	12"CN	C							
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C							
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	94 a	99 a	99 a	99 a	99 a	99 a	99 a
4	REALM Q					4	oz/a	12"CN	C							
4	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C							
4	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C							
4	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C							
4	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C							
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
5	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	96 a	99 a	99 a	99 a	99 a	99 a	99 a
5	REALM Q					4	oz/a	12"CN	C							
5	RESOLVE SG	25	SG	0.0188	lb ai/a			12"CN	C							
5	DPX-4145	50	WG	0.0094	lb ai/a			12"CN	C							
5	MESOTRIONE	50	WG	0.078	lb ai/a			12"CN	C							
5	AATREX	4	SC	0.5	lb ai/a	1	pt/a	12"CN	C							
5	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C							
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
6	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	12"CN	C							
6	ABUNDIT	3	SL	0.75	lb ae/a	32	fl oz/a	12"CN	C							
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
7	INTEGRITY	5.57	EC	0.566	lb ai/a	13	fl oz/a	PRE	A	43 d	99 a	99 a	99 a	99 a	99 a	99 a
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	12"CN	C							
7	STATUS	56	WG	0.0875	lb ae/a	2.5	oz/a	12"CN	C							
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	12"CN	C							
8	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
8	PREQUEL	45	WG			1.66	oz/a	PRE	A							
8	RESOLVE SG	25	SG	0.0156	lb ai/a			PRE	A							
8	ISOXAFLUTOLE	75	WG	0.0313	lb ai/a			PRE	A							
8	AATREX	4	SC	0.5	lb ai/a	16	fl oz/a	PRE	A							
9	LUMAX	3.95	SE	2.47	lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
9	AATREX	4	SC	1.4	lb ai/a	1.4	qt/a	PRE	A							
10	LEXAR	3.7	SC	2.78	lb ai/a	3	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
10	AATREX	4	SC	0.75	lb ai/a	1.5	pt/a	PRE	A							
11	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	95 a	98 b	92 b	95 b	99 a	99 a	99 a
11	BASIS	75	WG	0.0234	lb ai/a	0.5	oz/a	PRE	A							
12	CINCH ATZ	5.5	SC	2.75	lb ai/a	2	qt/a	PRE	A	98 a	98 b	98 a	98 a	99 a	99 a	99 a
12	PRINCEP	4	SC	1	lb ai/a	1	qt/a	PRE	A							
13	SURESTART	4.25	SE	0.93	lb ai/a	1.75	pt/a	PRE	A	65 c	99 a	99 a	99 a	99 a	99 a	99 a
13	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B							
14	SURESTART	4.25	SE	1.33	lb ai/a	2.5	pt/a	PRE	A	68 c	99 a	99 a	99 a	99 a	99 a	99 a
14	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B							

DuPont and Dow Herbicide Programs in Corn.

Trial ID: 10-51E-M100

Location: Belleville Res. Center

Pest Code										ABUTH	ABUTH	ABUTH	ABUTH	AMATA	AMATA	AMATA
Crop Code										06-21-10	07-05-10	07-19-10	08-16-10	07-05-10	07-19-10	08-16-10
Rating Date										Control	Control	Control	Control	Control	Control	Control
Rating Data Type										Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit										-3 DA-B	11 DA-B	25 DA-B	53 DA-B	11 DA-B	25 DA-B	53 DA-B
Rating Timing										0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
15	SURESTART	4.25	SE	1.06	lb ai/a	2	pt/a	PRE	A	96 a	99 a	98 a	97 ab	99 a	99 a	99 a
15	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A							
15	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B							
16	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	85 b	99 a	99 a	99 a	99 a	99 a	99 a
16	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B							
17	SURESTART	4.25	SE	1.6	lb ai/a	3	pt/a	PRE	A	98 a	99 a	99 a	99 a	99 a	99 a	99 a
17	AATREX	4	SC	1	lb ai/a	2	pt/a	PRE	A							
17	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	4-6"W	B							
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4-6"W	B							
LSD (P=.05)										7.2	0.6	4.3	2.4	0.0	0.0	0.0
Replicate F										1.531	2.133	1.225	0.901	0.000	0.000	0.000
Replicate Prob(F)										0.2318	0.1350	0.3073	0.4161	1.0000	1.0000	1.0000
Treatment F										116.163	11742.402	257.231	814.422	0.000	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	1.0000	1.0000	1.0000

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: DuPont (USA-10-296); Dow.
2. Ratings: CI/WC prior to first POST and at 14, 28, and 56 DA last POST, rate all plots each time.
3. Yield.
4. Application timing C is 12 inch corn or 2-4"W whichever is earlier.
5. IPOSS = Morningglory species including IPOHE (ivyleaf morningglory) and IPOLA (pitted morningglory).
6. Harvested 10-18-10, (2) 30 inch rows by 24 ft.