

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
Trial Status: Final Updated: 8-28-06

Objective:

Evaluate various combinations of preemergence followed by postemergence herbicides in reduced-till corn.

Weed Code	Common Name	Scientific Name
1.	SETFA foxtail, giant	Setaria faberi Herrm.
2.	CYPES nutsedge, yellow	Cyperus esculentus L.
3.	AMBTR ragweed, giant	Ambrosia trifida L.
4.	ABUTH velvetleaf	Abutilon theophrasti Medicus
5.	IPOSS morningglory, species	Ipomoea sp.

Crop 1: ZEAMX corn, field Variety: 33K44
Planting Method: Seeded Planting Date: 5-23-06
Rate: 28000 S/A Depth: 1.5 IN
Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 27 FT Reps: 3
Tillage Type: Reduced-Till Study Design: Randomized complete block
Previous Crop, Year: GLXMA, 2005
Field Prep./Maintenance: N 150 LB/A, P205 50 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 2.2 pH: 6.3 CEC: 11
Texture: Silt loam Fert. Level: P1: 67 LB/A, K: 376 LB/A

APPLICATION DESCRIPTION

	A	B	C
Application Date:	5-24-06	6-14-06	6-8-06
Time of Day:	7:30	14:30	10:00
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	2-4"W	V2-V4
Applic. Placement:	BROSOI	BROSOI	BROSOI
Air Temp., Unit:	70 F	85 F	80 F
% Relative Humidity:	94	48	64
Wind Velocity, Unit:	2 MPH	1-2 MPH	1-3 MPH
Dew Presence (Y/N):	N		
Soil Moisture:	NORMAL	NORMAL	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX V4	ZEAMX V3
Height, Unit:	NA NA	10 IN	6-8 IN

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code:		SETFA	SETFA
Stage (leaves):		3-4	2-3
Height (inches):		4-6	2-3
Density:		Low	Low
Weed 2 Code:		CYPES	CYPES
Stage (leaves):		7-8	5-6
Height (inches):		6-7	3-4
Density:		Low	Medium
Weed 3 Code:		AMBTR	AMBTR
Stage (leaves):		4-6	4-6
Height (inches):		3-4	2-3
Density:		Medium	Medium
Weed 4 Code:		ABUTH	ABUTH
Stage (leaves):		3-4	3-4
Height (inches):		4-5	2-3
Density:		Medium	Low
Weed 5 Code:		IPOSS	IPOSS
Stage (leaves):		3-5	2-3
Height (inches):		3-4	2-3
Density:		Low	Low

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan
Nozzle Size:	8003	8002	8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA

NOTES:

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent
0 DAPO	14 DAPO	28 DAPO	56 DAPO	7 DA-C	14 DA-C	7 DA-B	14 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent	ZEAMX Injury Percent
1	NONTREATED									0	0	0	0	0	0	0
2	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	0	0	0	0	2	0	
2	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A							
2	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
2	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
2	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
3	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	0	0	0	0	2	0	
3	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A							
3	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
3	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
3	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
4	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	0	0	0	0	3	0	
4	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A							
4	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A							
4	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
4	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
4	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
5	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	1	0	
5	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
5	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
5	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
6	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	1	0	
6	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
6	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
6	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
7	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	0	0	
7	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
7	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
7	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C							
7	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
8	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	2	0	
8	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
8	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
8	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C							
8	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
9	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	0	0	
9	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
9	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
9	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C							
9	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C							
9	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
10	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	0	0	
10	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
10	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
10	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C							
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C							
10	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
11	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	0	0	
11	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
11	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
11	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C							
11	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX
 Injury Injury Injury Injury Injury Injury Injury Injury
 Percent Percent Percent Percent Percent Percent Percent Percent
 6-15-06 6-22-06 6-21-06 6-28-06
 0 DAPO 14 DAPO 28 DAPO 56 DAPO 7 DA-C 14 DA-C 7 DA-B 14 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	0 DAPO	14 DAPO	28 DAPO	56 DAPO	7 DA-C	14 DA-C	7 DA-B	14 DA-B
12	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	0	0	0	0	1	0		
12	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C								
12	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C								
12	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C								
12	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C								
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C								
13	KEYSTONE	5.25	L	3.5	lb ai/a	2.67	qt/a	PRE	A	0	0	0	0				
13	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A								
14	FULTIME	4	SC	3.3	lb ai/a	3.3	qt/a	PRE	A	0	0	0	0				
14	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A								
15	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	0	1	0	0			4	1
15	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"	W B								
15	CALLISTO	4	SC	0.0234	lb ai/a	0.75	fl oz/a	2-4"	W B								
15	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"	W B								
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"	W B								
15	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"	W B								
16	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	0	0	0	0			3	0
16	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"	W B								
16	IMPACT	2.8	SC	0.0164	lb ai/a	0.75	fl oz/a	2-4"	W B								
16	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"	W B								
16	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"	W B								
16	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"	W B								
17	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	0	0	0	0			3	0
17	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"	W B								
17	CALLISTO	4	SC	0.094	lb ai/a	3	fl oz/a	2-4"	W B								
17	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"	W B								
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"	W B								
17	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"	W B								
18	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	0	0	0	0			2	0
18	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"	W B								
18	IMPACT	2.8	SC	0.00547	lb ai/a	0.25	fl oz/a	2-4"	W B								
18	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"	W B								
18	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"	W B								
18	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"	W B								
LSD (P=.05)										0.0	0.5	0.0	0.0	1.3	0.0	1.1	1.2
Replicate F										0.000	1.000	0.000	0.000	0.897	0.000	0.273	1.000
Replicate Prob(F)										1.0000	0.3784	1.0000	1.0000	0.4222	1.0000	0.7703	0.4219
Treatment F										0.000	1.000	0.000	0.000	5.236	0.000	3.182	1.000
Treatment Prob(F)										1.0000	0.4813	1.0000	1.0000	0.0005	1.0000	0.1059	0.4547

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code				SETFA	SETFA	SETFA	SETFA	CYPES	CYPES	CYPES	CYPES		
Crop Code				Control	Control	Control	Control	Control	Control	Control	Control		
Rating Data Type				Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent		
Rating Unit				0 DAPO	14 DAPO	28 DAPO	56 DAPO	0 DAPO	14 DAPO	28 DAPO	56 DAPO		
Rating Date													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED									0	0	0	0
2	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	98	99	99	99
2	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A				
2	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
2	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
2	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
3	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	99	99	99	99
3	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A				
3	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
3	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
3	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
4	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	99	99	99	99
4	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A				
4	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A				
4	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
4	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
4	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
5	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	99
5	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C				
5	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C				
5	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
6	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	96	99	99	99
6	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
6	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
6	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
7	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	99
7	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C				
7	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C				
7	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C				
7	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
8	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	99
8	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
8	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
8	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C				
8	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
9	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	98	96	96
9	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C				
9	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C				
9	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C				
9	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C				
9	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
10	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	98	98	98
10	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C				
10	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				
10	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C				
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C				
10	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				
11	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	98	99	99	99
11	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C				
11	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C				
11	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C				
11	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C				
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C				

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	SETFA	SETFA	SETFA	SETFA	CYPES	CYPES	CYPES	CYPES
						Control	Control	Control	Control	Control	Control	Control	Control
						Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
						0 DAPO	14 DAPO	28 DAPO	56 DAPO	0 DAPO	14 DAPO	28 DAPO	56 DAPO
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
12	CINCH ATZ	5.5 L		1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	99
12	ACCENT	75 WG		0.0316	lb ai/a	0.674	oz/a	V2-V4	C				98
12	HARMONY GT	50 SG		0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C				98
12	DISTINCT	70 WG		0.0875	lb ai/a		2 oz/a	V2-V4	C				98
12	PRIME OIL COC	100 LIQ		1.0	pt/a		1 pt/a	V2-V4	C				98
12	AMS	100 DRY		2.0	lb ai/a		2 lb/a	V2-V4	C				98
13	KEYSTONE	5.25 L		3.5	lb ai/a	2.67	qt/a	PRE	A	99	99	98	98
13	HORNET	68.5 WG		0.17	lb ai/a		4 oz/a	PRE	A				98
14	FULTIME	4 SC		3.3	lb ai/a	3.3	qt/a	PRE	A	99	99	97	97
14	HORNET	68.5 WG		0.17	lb ai/a		4 oz/a	PRE	A				97
15	SURPASS	6.4 EC		2.08	lb ai/a	2.6	pt/a	PRE	A	99	99	99	99
15	HORNET	68.5 WG		0.128	lb ai/a		3 oz/a	2-4"W	B				97
15	CALLISTO	4 SC		0.0234	lb ai/a	0.75	fl oz/a	2-4"W	B				97
15	AATREX	90 WG		0.25	lb ai/a	4.44	oz/a	2-4"W	B				97
15	PRIME OIL COC	100 LIQ		1.0	% v/v		1 % v/v	2-4"W	B				97
15	AMS	100 DRY		2.5	lb ai/a		2.5 lb/a	2-4"W	B				97
16	SURPASS	6.4 EC		2.08	lb ai/a	2.6	pt/a	PRE	A	99	99	99	99
16	HORNET	68.5 WG		0.128	lb ai/a		3 oz/a	2-4"W	B				96
16	IMPACT	2.8 SC		0.0164	lb ai/a	0.75	fl oz/a	2-4"W	B				96
16	AATREX	90 WG		0.25	lb ai/a	4.44	oz/a	2-4"W	B				96
16	DESTINY MSO	100 LIQ		1.0	% v/v		1 % v/v	2-4"W	B				96
16	AMS	100 DRY		2.5	lb ai/a		2.5 lb/a	2-4"W	B				96
17	SURPASS	6.4 EC		2.08	lb ai/a	2.6	pt/a	PRE	A	99	98	98	98
17	HORNET	68.5 WG		0.128	lb ai/a		3 oz/a	2-4"W	B				97
17	CALLISTO	4 SC		0.094	lb ai/a	3	fl oz/a	2-4"W	B				96
17	AATREX	90 WG		0.25	lb ai/a	4.44	oz/a	2-4"W	B				98
17	PRIME OIL COC	100 LIQ		1.0	% v/v		1 % v/v	2-4"W	B				98
17	AMS	100 DRY		2.5	lb ai/a		2.5 lb/a	2-4"W	B				98
18	SURPASS	6.4 EC		2.08	lb ai/a	2.6	pt/a	PRE	A	99	97	98	98
18	HORNET	68.5 WG		0.128	lb ai/a		3 oz/a	2-4"W	B				97
18	IMPACT	2.8 SC		0.00547	lb ai/a	0.25	fl oz/a	2-4"W	B				93
18	AATREX	90 WG		0.25	lb ai/a	4.44	oz/a	2-4"W	B				96
18	DESTINY MSO	100 LIQ		1.0	% v/v		1 % v/v	2-4"W	B				96
18	AMS	100 DRY		2.5	lb ai/a		2.5 lb/a	2-4"W	B				96
LSD (P=.05)						2.2	1.1	2.2	2.2	5.1	9.8	10.6	10.2
Replicate F						0.908	3.746	0.888	0.888	3.944	3.681	2.163	1.404
Replicate Prob(F)						0.4127	0.0339	0.4208	0.4208	0.0288	0.0357	0.1306	0.2595
Treatment F						949.191	3603.935	922.640	922.640	167.501	43.744	38.422	41.872
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

									AMBTR	AMBTR	AMBTR	AMBTR	ABUTH	ABUTH	ABUTH	ABUTH
									Control	Control	Control	Control	Control	Control	Control	Control
									Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
									0 DAPO	14 DAPO	28 DAPO	56 DAPO	0 DAPO	14 DAPO	28 DAPO	56 DAPO
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code							
1	NONTREATED									0	0	0	0	0	0	0
2	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	95	87	92	80	99	98	99
2	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A							
2	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
2	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
2	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
3	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	94	87	93	80	99	99	99
3	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A							
3	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
3	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
3	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
4	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	97	96	98	92	99	99	99
4	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A							
4	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A							
4	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
4	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
4	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
5	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	91	87	85	72	96	99	99
5	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
5	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
5	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
6	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	94	90	93	83	98	99	99
6	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
6	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
6	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
7	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	98	96	99	99	99
7	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
7	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
7	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C							
7	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
8	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	98	98	97	99	99	99
8	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
8	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
8	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C							
8	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
9	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	99	99	99	99
9	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
9	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
9	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C							
9	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C							
9	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
10	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	98	99	99	99
10	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C							
10	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C							
10	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C							
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C							
10	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							
11	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	97	98	98	98	96	99	99
11	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C							
11	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C							
11	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C							
11	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C							
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C							

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	AMBTR	AMBTR	AMBTR	AMBTR	ABUTH	ABUTH	ABUTH	ABUTH
Crop Code	Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	0 DAPO	14 DAPO	28 DAPO	56 DAPO	0 DAPO	14 DAPO	28 DAPO	56 DAPO
Rating Date								
Trt-Eval Interval								

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	AMBTR	AMBTR	AMBTR	AMBTR	ABUTH	ABUTH	ABUTH	ABUTH
12	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	99	99	99	97	98	99	99	99
12	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C								
12	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C								
12	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C								
12	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C								
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C								
13	KEYSTONE	5.25	L	3.5	lb ai/a	2.67	qt/a	PRE	A	99	98	99	98	99	98	98	99
13	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A								
14	FULTIME	4	SC	3.3	lb ai/a	3.3	qt/a	PRE	A	99	98	99	98	99	99	99	99
14	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A								
15	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	96	99	99	99	94	99	99	99
15	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B								
15	CALLISTO	4	SC	0.0234	lb ai/a	0.75	fl oz/a	2-4"W	B								
15	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B								
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B								
15	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B								
16	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	96	98	99	98	93	99	99	99
16	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B								
16	IMPACT	2.8	SC	0.0164	lb ai/a	0.75	fl oz/a	2-4"W	B								
16	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B								
16	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B								
16	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B								
17	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	96	99	99	99	92	99	99	99
17	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B								
17	CALLISTO	4	SC	0.094	lb ai/a	3	fl oz/a	2-4"W	B								
17	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B								
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B								
17	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B								
18	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	94	99	99	98	90	99	99	99
18	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B								
18	IMPACT	2.8	SC	0.00547	lb ai/a	0.25	fl oz/a	2-4"W	B								
18	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B								
18	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B								
18	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B								
LSD (P=.05)										2.7	2.1	3.7	5.5	3.6	1.0	1.1	0.3
Replicate F										2.814	6.106	1.214	2.131	1.229	2.401	2.440	2.125
Replicate Prob(F)										0.0740	0.0054	0.3097	0.1343	0.3053	0.1059	0.1023	0.1350
Treatment F										585.075	962.795	316.903	149.733	343.312	4303.597	3506.920	46824.911
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	IPOSS	IPOSS	IPOSS
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date			
Trt-Eval Interval	14 DAPO	28 DAPO	56 DAPO

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	IPOSS 14 DAPO	IPOSS 28 DAPO	IPOSS 56 DAPO
1	NONTREATED									0	0	0
2	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	94	96	91
2	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A			
2	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
2	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
2	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
3	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	95	92	89
3	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A			
3	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
3	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
3	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
4	DPX-E9636	25	WG	0.0234	lb ai/a	1.5	oz/a	PRE	A	96	93	91
4	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	PRE	A			
4	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A			
4	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
4	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
4	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
5	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	97	95	95
5	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C			
5	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C			
5	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
6	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	97	93	92
6	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
6	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
6	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
7	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	97	97	95
7	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C			
7	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C			
7	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C			
7	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
8	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	97	95	93
8	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
8	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
8	AATREX	90	WG	1.0	lb ai/a	17.8	oz/a	V2-V4	C			
8	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
9	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	96	94	92
9	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C			
9	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C			
9	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C			
9	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C			
9	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
10	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	95	93	91
10	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
10	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
10	CALLISTO	4	SC	0.047	lb ai/a	1.5	fl oz/a	V2-V4	C			
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-V4	C			
10	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
11	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	94	91	86
11	ACCENT	75	WG	0.0211	lb ai/a	0.45	oz/a	V2-V4	C			
11	HARMONY GT	50	SG	0.00156	lb ai/a	0.025	oz ai/a	V2-V4	C			
11	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C			
11	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			

Sequential Herbicide Programs in Conventional Corn.

Project Code: 06-50W-MS90 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	IPOSS	IPOSS	IPOSS
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date			
Trt-Eval Interval	14 DAPO	28 DAPO	56 DAPO

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
12	CINCH ATZ	5.5	L	1.44	lb ai/a	1.05	qt/a	PRE	A	96	93	91
12	ACCENT	75	WG	0.0316	lb ai/a	0.674	oz/a	V2-V4	C			
12	HARMONY GT	50	SG	0.00234	lb ai/a	0.0375	oz ai/a	V2-V4	C			
12	DISTINCT	70	WG	0.0875	lb ai/a	2	oz/a	V2-V4	C			
12	PRIME OIL COC	100	LIQ	1.0	pt/a	1	pt/a	V2-V4	C			
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-V4	C			
13	KEYSTONE	5.25	L	3.5	lb ai/a	2.67	qt/a	PRE	A	95	96	91
13	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A			
14	FULTIME	4	SC	3.3	lb ai/a	3.3	qt/a	PRE	A	93	93	90
14	HORNET	68.5	WG	0.17	lb ai/a	4	oz/a	PRE	A			
15	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	98	97	97
15	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B			
15	CALLISTO	4	SC	0.0234	lb ai/a	0.75	fl oz/a	2-4"W	B			
15	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B			
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B			
15	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B			
16	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	94	97	95
16	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B			
16	IMPACT	2.8	SC	0.0164	lb ai/a	0.75	fl oz/a	2-4"W	B			
16	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B			
16	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B			
16	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B			
17	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	98	98	98
17	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B			
17	CALLISTO	4	SC	0.094	lb ai/a	3	fl oz/a	2-4"W	B			
17	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B			
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B			
17	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B			
18	SURPASS	6.4	EC	2.08	lb ai/a	2.6	pt/a	PRE	A	93	92	94
18	HORNET	68.5	WG	0.128	lb ai/a	3	oz/a	2-4"W	B			
18	IMPACT	2.8	SC	0.00547	lb ai/a	0.25	fl oz/a	2-4"W	B			
18	AATREX	90	WG	0.25	lb ai/a	4.44	oz/a	2-4"W	B			
18	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	2-4"W	B			
18	AMS	100	DRY	2.5	lb ai/a	2.5	lb/a	2-4"W	B			

LSD (P=.05)	2.7	4.0	5.6
Replicate F	3.978	7.083	3.030
Replicate Prob(F)	0.0280	0.0027	0.0615
Treatment F	594.929	262.675	128.490
Treatment Prob(F)	0.0001	0.0001	0.0001

Trial Comments

1. Protocol: DuPont, Dow AgroSciences.
2. Ratings: CI 7 DA POST; CI/WC prior to POST; CI/WC 14, 28 + 56 DA POST.
3. DA-B = Days after 2-4"W application. DA-C = Days after V2-V4 application.
 DAPO = Days after postemergence application (either "B" or "C").
 Ratings at 0 DAPO were prior to POST and on 6-8-06 and 6-12-06 for the V2-V4 and 2-4"W applications, respectively.
 Ratings at 14 DAPO were on 6-22-06 and 6-28-06 for the V2-V4 and 2-4"W applications, respectively.
 Ratings at 28 DAPO were on 7-6-06 and 7-12-06 for the V2-V4 and 2-4"W applications, respectively.
 Ratings at 56 DAPO were on 8-3-06 and 8-9-06 for the V2-V4 and 2-4"W applications, respectively.
4. IPOSS was IPOHE (ivyleaf morningglory) and IPOLA (pitted morningglory).
5. Not harvested.