

No-Till Corn Burndown.

01-2B-M70

OBJECTIVE: Evaluate various burndown treatments in corn with a planned residual herbicide application after planting.

SUMMARY: Corn injury was less than 5% from any treatment. Treatments that included Glyphomax Plus or Roundup Ultra Max provided excellent control of little barley and shepherd's purse at 14 days after treatment. Preemergence (PRE) applications of Roundup Ultra Max followed by Fultime provided greater fall panicum control than herbicides applied 14 days early preplant and followed by Fultime. Tank mixing Aim with Weedone 638 increased common ragweed and Pennsylvania smartweed control at 7 days after treatment (DAT) compared to Weedone alone. By 28 days after the V2 application of Fultime, control of common ragweed, giant ragweed, and Pennsylvania smartweed was 99% from all herbicide treatments.

Corn yield ranged from 18 bu/A in nontreated plots to 202 bu/A. Corn yield was lowest in plots with poor fall panicum control.

HERBICIDES

AIM 40 WG
 FULTIME 4 SC
 GLYPHOMAX PLUS 3 SL
 GRAMOXONE MAX 3 SL
 HORNET 68.5 WG
 PYTHON 80 WG
 ROUNDUP ULTRA MAX 3.7 SL
 SENCOR 75 WG
 WEEDONE 638 2.8 EC

WEEDS

barley, little
 panicum, fall
 ragweed, common
 ragweed, giant
 shepherdspurse
 smartweed, Pennsylvania

CROP

corn, field

Bryan Young

PLANT, SOIL AND GENERAL AGRICULTURE DEPARTMENT

SOUTHERN ILLINOIS UNIVERSITY

No-Till Corn Burndown.

Project Code: 01-2B-M70 Location: Belleville Research Center

Investigator: Bryan Young, Assistant Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
Trial Status: Final Initiation Date: 4-16-01

Objective:

Evaluate various burndown treatments in corn with a planned residual herbicide application after planting.

Weed Code	Common Name	Scientific Name
1. HORPU	barley, little	Hordeum pusillum Nutt.
2. CAPBP	shepherdspurse	Capsella bursa-pastoris (L.) Medicus
3. AMBEL	ragweed, common	Ambrosia artemisiifolia L.
4. AMBTR	ragweed, giant	Ambrosia trifida L.
5. POLPY	smartweed, Pennsylvania	Polygonum pennsylvanicum L.
6. PANDI	panicum, fall	Panicum dichotomiflorum Michx.

Crop 1:	ZEAMX corn, field	Variety:	P33G28 LL
Planting Method:	Seeded	Planting Date:	5-9-01
Rate:	28000 S/A	Depth:	1.5 IN
Row Spacing:	30 IN		

Plot Width, Unit:	10 FT	Plot Length, Unit:	28 FT	Reps:	3
Tillage Type:	No-Till	Study Design:	Randomized complete block		
Previous Crop, Year:	GLXMA, 2000				
Field Prep./Maintenance:	N 150 LB/A, P205 0 LB/A, K20 150 LB/A				

Soil Name:	Weir	% OM:	1.5	pH:	6.4	CEC:	9
Texture:	Silt loam	Fert. Level:	P1: 87 LB/A, K: 259 LB/A				

APPLICATION DESCRIPTION

	A	B	C
Application Date:	4-25-01	5-9-01	5-22-01
Time of Day:	11:30	16:00	8:00
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	14EPP	PRE	V2
Applic. Placement:	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	62 F	81 F	56 F
% Relative Humidity:	50	30	70
Wind Velocity, Unit:	3 MPH	5 MPH	5 MPH
Soil Moisture:	NORMAL	NORMAL	ABONOR

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX NA	ZEAMX V2
Height, Unit:	NA NA	NA NA	3-4 IN

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code:	HORPU	HORPU	HORPU
Stage(leaves):	5-6	4-6	
Height(inches):	4-8	14-20	
Density:	Medium	Medium	
Weed 2 Code:	CAPBP	CAPBP	CAPBP
Stage(leaves):	10+	10+	
Height(inches):	8-24	14-24	
Density:	Medium	Medium	
Weed 3 Code:	AMBEL	AMBEL	AMBEL
Stage(leaves):	3-4	4-5	5-6
Height(inches):	1-3	4-5	2-4
Density:	Medium	High	Medium

Weed 4 Code:	AMBTR	AMBTR	AMBTR
Stage(leaves):	3-5	6-8	5-6
Height(inches):	3-4	6-8	2-4
Density:	Medium	Medium	Low
Weed 5 Code:	POLPY	POLPY	POLPY
Stage(leaves):	2-4	4-7	4-10
Height(inches):	1-2	5-7	2-8
Density:	Medium	Medium	Low
Weed 6 Code:	PANDI	PANDI	PANDI
Stage(leaves):		0-2	3-5
Height(inches):		0-1	1-8
Density:		Medium	Medium

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	8003	8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA

NOTES: HARVESTED 10-3-01, 2 ROWS X 25 FT.

No-Till Corn Burndown.

Project Code: 01-2B-M70

Location: Belleville Research Center

Weed Code		ZEAMX				TTTTT	HORPU	HORPU	CAPBP	PANDI	PANDI	PANDI	PANDI						
Crop Code		Yield	Injury	Injury	Injury	Necrosis	Control	Control	Control	Control	Control	Control							
Rating Data Type		bu/A	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent							
Rating Unit		10-3-01	6-5-01	6-19-01	7-17-01	3 DAT	7 DAT	14 DAT	7 DAT	7 DAT	14 DAT	28 DA-C							
Rating Date		14 DA-C	28 DA-C	56 DA-C															
Trt-Eval Interval																			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code											
1	NONTREATED								18	0	0	0	0	0	0	0	0	0	
2	PYTHON	80	WG	0.05 LB A/A	1	OZ/A	14EPP	A	186	0	0	0	10	0	0	8		78	67
2	SENCOR	75	WG	0.188 LB A/A	4	OZ/A	14EPP	A											
2	WEEDONE 638	2.8	EC	0.475 LB AE/A	1.36	PT/A	14EPP	A											
2	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	14EPP	A											
2	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
2	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
3	PYTHON	80	WG	0.05 LB A/A	1	OZ/A	14EPP	A	197	0	0	0	30	70	99	5		92	82
3	GLYPHOMAX PLUS	3	SL	0.75 LB AE/A	2	PT/A	14EPP	A											
3	WEEDONE 638	2.8	EC	0.475 LB AE/A	1.36	PT/A	14EPP	A											
3	AMS	100	DRY	2.0 % W/W	17	LB/100 GAL	14EPP	A											
3	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
3	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
4	HORNET	68.5	WG	0.128 LB A/A	3	OZ/A	14EPP	A	178	0	0	0	10	0	0	17		80	67
4	SENCOR	75	WG	0.188 LB A/A	4	OZ/A	14EPP	A											
4	WEEDONE 638	2.8	EC	0.475 LB AE/A	1.36	PT/A	14EPP	A											
4	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	14EPP	A											
4	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
4	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
5	HORNET	68.5	WG	0.128 LB A/A	3	OZ/A	14EPP	A	200	1	0	0	30	70	99	12		92	78
5	GLYPHOMAX PLUS	3	SL	0.75 LB AE/A	2	PT/A	14EPP	A											
5	WEEDONE 638	2.8	EC	0.475 LB AE/A	1.36	PT/A	14EPP	A											
5	AMS	100	DRY	2.0 % W/W	17	LB/100 GAL	14EPP	A											
5	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
5	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
6	AIM	40	WG	0.008 LB A/A	0.32	OZ/A	14EPP	A	169	0	0	0	10	8	0	50		55	38
6	WEEDONE 638	2.8	EC	0.475 LB A/A	1.36	PT/A	14EPP	A											
6	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	14EPP	A											
6	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
6	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
7	WEEDONE 638	2.8	EC	0.475 LB A/A	1.36	PT/A	14EPP	A	179	0	0	0	0	0	0	2		71	61
7	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	14EPP	A											
7	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
7	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
8	AIM	40	WG	0.016 LB A/A	0.64	OZ/A	14EPP	A	162	1	0	0	30	70	99	56		38	37
8	WEEDONE 638	2.8	EC	0.475 LB A/A	1.36	PT/A	14EPP	A											
8	ROUNDUP ULTRA MAX	3.7	SL	0.375 LB AE/A	0.8	PT/A	14EPP	A											
8	AMS	100	DRY	2.0 % W/W	17	LB/100 GAL	14EPP	A											
8	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
8	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											
9	AIM	40	WG	0.016 LB A/A	0.64	OZ/A	14EPP	A	139	1	0	0	40	78	99	93		28	17
9	ROUNDUP ULTRA MAX	3.7	SL	0.375 LB AE/A	0.8	PT/A	14EPP	A											
9	AMS	100	DRY	2.0 % W/W	17	LB/100 GAL	14EPP	A											
9	FULTIME	4	SC	3.25 LB A/A	3.25	QT/A	V2	C											
9	PRIME OIL COC	100	LIQ	1.0 % V/V	1	%V/V	V2	C											

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	ZEAMX Yield 10-3-01	ZEAMX Injury 6-5-01 14 DA-C	ZEAMX Injury 6-19-01 28 DA-C	ZEAMX Injury 7-17-01 56 DA-C	TTTTT Necrosis 3 DAT	HORPU Control 7 DAT	HORPU Control 14 DAT	CAPBP Control 7 DAT	PANDI Control 7 DAT	PANDI Control 14 DAT	PANDI Control 28 DA-C	PANDI Control 56 DA-C	
10	GRAMOXONE MAX	3	SL	0.94	LB A/A	2.5	PT/A	14EPP	A	159	1	0	0	90	90	99	92			38	27	
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	%V/V	14EPP	A													
10	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C													
10	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C													
11	AIM	40	WG	0.008	LB A/A	0.32	OZ/A	PRE	B	202	0	0	0	0	97	99	99	99	99	98	96	
11	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B													
11	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B													
11	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C													
11	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C													
12	AIM	40	WG	0.016	LB A/A	0.64	OZ/A	PRE	B	183	0	0	0	0	97	99	99	99	99	96	91	
12	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B													
12	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B													
12	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C													
12	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C													
13	AIM	40	WG	0.024	LB A/A	0.96	OZ/A	PRE	B	190	4	0	0	0	96	99	99	99	99	95	90	
13	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B													
13	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B													
13	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C													
13	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C													
14	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B	185	0	0	0	0	97	99	99	99	99	94	89	
14	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B													
14	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C													
14	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C													
LSD (P=.05)										24.8	1.6	0.0	0.0	0.0	8.7	0.0	27.8	0.0	0.0	23.0	22.0	
Replicate F										4.435	1.331	0.000	0.000	0.000	0.241	0.000	0.604	0.000	0.000	0.225	0.397	
Replicate Prob(F)										0.0220	0.2817	1.0000	1.0000	1.0000	0.7875	1.0000	0.5542	1.0000	1.0000	0.8003	0.6763	
Treatment F										29.572	3.285	0.000	0.000	0.000	203.043	0.000	20.478	0.000	0.000	15.559	16.858	
Treatment Prob(F)										0.0001	0.0048	1.0000	1.0000	1.0000	0.0001	1.0000	0.0001	1.0000	1.0000	0.0001	0.0001	

No-Till Corn Burndown.

Project Code: 01-2B-M70 Location: Belleville Research Center

Weed Code		AMBEL		AMBEL		AMBEL		AMBTR		AMBTR		AMBTR		POLPY		POLPY		POLPY	
Rating Data Type		Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date		6-19-01	6-19-01	6-19-01	7-17-01	7-17-01	7-17-01	6-19-01	7-17-01	6-19-01	7-17-01	6-19-01	7-17-01	6-19-01	7-17-01	6-19-01	7-17-01	6-19-01	7-17-01
Trt-Eval Interval		7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT
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	0	0	0
2	PYTHON	80	WG	0.05	LB A/A	1	OZ/A	14EPP	A	95	99	99	99	93	99	99	99	99	99
2	SENCOR	75	WG	0.188	LB A/A	4	OZ/A	14EPP	A										
2	WEEDONE 638	2.8	EC	0.475	LB AE/A	1.36	PT/A	14EPP	A										
2	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	14EPP	A										
2	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
2	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
3	PYTHON	80	WG	0.05	LB A/A	1	OZ/A	14EPP	A	97	98	99	99	98	99	99	99	99	99
3	GLYPHOMAX PLUS	3	SL	0.75	LB AE/A	2	PT/A	14EPP	A										
3	WEEDONE 638	2.8	EC	0.475	LB AE/A	1.36	PT/A	14EPP	A										
3	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	14EPP	A										
3	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
3	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
4	HORNET	68.5	WG	0.128	LB A/A	3	OZ/A	14EPP	A	93	99	99	99	89	99	99	99	99	99
4	SENCOR	75	WG	0.188	LB A/A	4	OZ/A	14EPP	A										
4	WEEDONE 638	2.8	EC	0.475	LB AE/A	1.36	PT/A	14EPP	A										
4	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	14EPP	A										
4	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
4	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
5	HORNET	68.5	WG	0.128	LB A/A	3	OZ/A	14EPP	A	95	99	99	99	96	99	99	99	99	99
5	GLYPHOMAX PLUS	3	SL	0.75	LB AE/A	2	PT/A	14EPP	A										
5	WEEDONE 638	2.8	EC	0.475	LB AE/A	1.36	PT/A	14EPP	A										
5	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	14EPP	A										
5	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
5	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
6	AIM	40	WG	0.008	LB A/A	0.32	OZ/A	14EPP	A	98	99	99	99	96	99	99	99	88	93
6	WEEDONE 638	2.8	EC	0.475	LB A/A	1.36	PT/A	14EPP	A										
6	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	14EPP	A										
6	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
6	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
7	WEEDONE 638	2.8	EC	0.475	LB A/A	1.36	PT/A	14EPP	A	73	93	99	99	85	96	99	99	70	86
7	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	14EPP	A										
7	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
7	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
8	AIM	40	WG	0.016	LB A/A	0.64	OZ/A	14EPP	A	99	96	99	99	99	99	99	99	96	99
8	WEEDONE 638	2.8	EC	0.475	LB A/A	1.36	PT/A	14EPP	A										
8	ROUNDUP ULTRA MAX	3.7	SL	0.375	LB AE/A	0.8	PT/A	14EPP	A										
8	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	14EPP	A										
8	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
8	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										
9	AIM	40	WG	0.016	LB A/A	0.64	OZ/A	14EPP	A	95	94	99	99	98	96	99	99	99	99
9	ROUNDUP ULTRA MAX	3.7	SL	0.375	LB AE/A	0.8	PT/A	14EPP	A										
9	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	14EPP	A										
9	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C										
9	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C										

Weed Code	AMBEL	AMBEL	AMBEL	AMBEL	AMBTR	AMBTR	AMBTR	AMBTR	POLPY	POLPY	POLPY	POLPY
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-19-01	6-19-01	6-19-01	7-17-01	6-19-01	6-19-01	6-19-01	7-17-01	6-19-01	6-19-01	6-19-01	7-17-01
Trt-Eval Interval	7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT	28 DA-C	56 DA-C	7 DAT	14 DAT	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	AMBEL	AMBEL	AMBEL	AMBEL	AMBTR	AMBTR	AMBTR	AMBTR	POLPY	POLPY	POLPY	POLPY
10	GRAMOXONE MAX	3	SL	0.94	LB A/A	2.5	PT/A	14EPP	A	99	95	99	99	99	98	99	99	97	70	99	99
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	%V/V	14EPP	A												
10	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C												
10	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C												
11	AIM	40	WG	0.008	LB A/A	0.32	OZ/A	PRE	B	93	94	99	99	96	98	99	99	93	94	99	99
11	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B												
11	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B												
11	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C												
11	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C												
12	AIM	40	WG	0.016	LB A/A	0.64	OZ/A	PRE	B	85	92	98	98	82	91	99	99	93	95	99	99
12	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B												
12	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B												
12	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C												
12	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C												
13	AIM	40	WG	0.024	LB A/A	0.96	OZ/A	PRE	B	88	92	99	99	92	93	99	99	94	91	99	99
13	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B												
13	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B												
13	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C												
13	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C												
14	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	1.6	PT/A	PRE	B	82	88	99	98	78	85	99	99	91	91	99	99
14	AMS	100	DRY	2.0	% W/W	17	LB/100 GAL	PRE	B												
14	FULTIME	4	SC	3.25	LB A/A	3.25	QT/A	V2	C												
14	PRIME OIL COC	100	LIQ	1.0	% V/V	1	%V/V	V2	C												
LSD (P=.05)										14.6	6.5	1.1	1.5	17.3	9.5	0.0	0.0	16.8	11.9	0.0	0.0
Replicate F										1.169	2.106	0.751	0.481	0.114	0.069	0.000	0.000	1.029	3.821	0.000	0.000
Replicate Prob(F)										0.3266	0.1421	0.4818	0.6233	0.8929	0.9338	1.0000	1.0000	0.3714	0.0351	1.0000	1.0000
Treatment F										25.854	131.501	5084.267	2644.326	18.457	63.140	0.000	0.000	20.542	41.138	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.0000	1.0000	0.0001	0.0001	1.0000	1.0000

No-Till Corn Burndown.

Project Code: 01-2B-M70 Location: Belleville Research Center

Trial Comments

1. Protocol: Dow (trts 2-15); FMC (trts 6-14).
2. TTTT = weeds generally. DAT = days after 14EPP or PRE application. DA-C = days after V2 application.
 - 3, 7 and 14 days after 14EPP application was on 4-28-01, 5-2-01 and 5-9-01, respectively.
 - 3, 7 and 14 days after PRE application was on 5-12-01, 5-16-01 and 5-23-01, respectively.
3. PANDI not present at 14EPP application and thus not rated at 7 and 14 DAT for treatments 2-10.
4. Not able to rate CAPBP at 14 DAT as plants were maturing and dying naturally.