

Weed Management in No-Till Wheat.

Project Code: 04-5A Location: Belleville Research Center
 Investigator: Bryan Young

Investigator: Bryan Young, Assistant Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
 Trial Status: Final Updated: 8-31-04

Objective:

Determine the effectiveness of various herbicides and application timings for weed control in no-till wheat production.

Weed Code	Common Name	Scientific Name
1. HORPU	barley, little	Hordeum pusillum Nutt.
2. LAMAM	henbit	Lamium amplexicaule L.
3. RANAB	buttercup, smallflower	Ranunculus abortivus L.
4. ALLVI	garlic, wild	Allium vineale L.
5. LAMPU	deadnettle, purple	Lamium purpureum L.

Crop 1: TRZAW wheat, winter Variety: AP112 CL
 Planting Method: Seeded Planting Date: 10-21-03
 Rate: 110 lb seed/A Depth: 1.5 IN
 Row Spacing: 7.5 IN

Soil Moisture: ABOVE NORMAL

Plot Width, Unit: 10 FT Plot Length, Unit: 27 FT Reps: 3
 Tillage Type: No-Till Study Design: RANDOMIZED COMPLETE BLOCK
 Previous Crop, Year: GLXMA, 2003

Field Prep./Maintenance: N 27 LB/A, P205 69 LB/A, K20 60 LB/A applied on 10-20-03.
 N 85 LB/A as 34-0-0, applied on 02-18-04.

Soil Name: Stoy % OM: 1.6 pH: 5.3 CEC: 8
 Texture: Silt loam Fert. Level: P1: 109 LB/A, K: 592 LB/A

APPLICATION DESCRIPTION

	A	B	C
Application Date:	10-22-03	11-20-03	3-22-04
Time of Day:	10:00	10:00	10:00
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	FALL	SPRING
Applic. Placement:	BROSOI	BROFOL	BROFOL
Air Temp., Unit:	55 F	57 F	40 F
% Relative Humidity:	50	50	40
Wind Velocity, Unit:	3 MPH	3 MPH	0 MPH
Soil Moisture:	NORMAL	ABONOR	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	TRZAW NA	TRZAW F2	TRZAW F4
Height, Unit:	NA NA	3-5 IN	3-5 IN

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code:	HORPU	HORPU	HORPU
Stage (leaves):	3-4	3-5	3-6
Height (inches):	1-3	1-4	2-5
Density:	Low	Medium	Medium
Weed 2 Code:	LAMAM	LAMAM	LAMAM
Stage (leaves):	3-4	3-4	10+
Height (inches):	1-2	1-2	1-3
Density:	Low	Low	Low
Weed 3 Code:	RANAB	RANAB	RANAB
Stage (leaves):	2-4	2-4	10+
Height (inches):	1-2	1-3	1-3
Density:	Low	Medium	Medium

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Weed 4 Code:	ALLVI	ALLVI	ALLVI
Stage (leaves):	1-2	1-3	1-3
Height (inches):	3-5	3-6	3-8
Density:	Low	Low	Medium

Weed 5 Code:	LAMPU	LAMPU	LAMPU
Stage (leaves):	3-4	3-5	10+
Height (inches):	1-2	1-2	1-3
Density:	Low	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:	8002	8002	8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA

NOTES:

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Weed Code		TRZAW			HORPU			HORPU			HORPU							
Crop Code		Moisture	Test wt.	Yield	Control	Control	Control	Control	Control	Control	Control	Control						
Rating Data Type		Percent	lb/bu	bu/A	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent						
Rating Unit		6-18-04	6-18-04	6-18-04	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C								
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									15.2	54.5	20	0	0	0	0	0	
2	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	15.8	53.9	49	100	100	99	99	99	
3	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	15.0	54.6	44	100	100	99	99	99	
3	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A									
4	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	FALL	B	15.7	54.0	48	0	0		79	79	
4	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	FALL	B									
5	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	15.1	54.7	47	0	0		33	33	
5	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B									
5	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	FALL	B									
6	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	14.9	53.4	49	0	0		95	95	
6	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B									
6	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	FALL	B									
7	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	SPRING	C	16.0	53.8	47			50	95	95	
7	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C									
8	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C	15.5	54.5	36			17	50	50	
8	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C									
8	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C									
9	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C	15.8	54.2	35			25	65	65	
9	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C									
9	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	SPRING	C									
10	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	15.2	54.7	51	100	100	99	99	99	
10	HARMONY EXTRA	75	WG	0.0235	LB A/A	0.5	OZ/A	SPRING	C									
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C									
11	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	15.0	54.6	51	100	100	99	99	99	
11	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C									
11	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C									
11	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C									
12	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	15.3	54.7	56	100	100	99	99	99	
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A									
12	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C									
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C									
12	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C									
LSD (P=.05)										0.76	1.10	17.0	0.0	0.0	0.0	19.8	43.8	43.8
Replicate F										1.099	0.139	3.372	0.000	0.000	0.000	2.059	2.449	2.449
Replicate Prob(F)										0.3508	0.8706	0.0528	1.0000	1.0000	1.0000	0.1783	0.1095	0.1095
Treatment F										2.104	1.343	2.861	0.000	0.000	0.000	38.772	4.838	4.838
Treatment Prob(F)										0.0663	0.2668	0.0172	1.0000	1.0000	1.0000	0.0001	0.0008	0.0008

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Weed Code	LAMAM	LAMAM	LAMAM	LAMAM	LAMAM	LAMAM	RANAB	RANAB	RANAB	RANAB	RANAB	RANAB
Crop Code												
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			3-22-04	4-5-04	4-19-04	5-17-04			3-22-04	4-5-04	4-19-04	5-17-04
Trt-Eval Interval	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	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	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C			
1	NONTREATED									0	0	0				0	0	0			0	0		
2	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	90	93	93				33	33	90	90	50		17	17	
3	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	95	93	83				66	66	95	93	70		60	60	
3	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A															
4	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	FALL	B	0	0					60	60	0	0			98	98	
4	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	FALL	B															
5	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0					93	93	0	0			96	96	
5	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B															
5	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	FALL	B															
6	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0					98	98	0	0			98	98	
6	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B															
6	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	FALL	B															
7	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	SPRING	C				50	30	30							50	98	98
7	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C															
8	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				33	60	60							33	95	95
8	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C															
8	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C															
9	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				33	90	90							33	95	95
9	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C															
9	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	SPRING	C															
10	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	90	97	90	90	93	93	90	90	50	50			98	98	
10	HARMONY EXTRA	75	WG	0.0235	LB A/A	0.5	OZ/A	SPRING	C															
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C															
11	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	90	93	93	93	83	83	90	90	60	60			98	98	
11	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C															
11	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C															
11	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C															
12	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	90	90	83	83	80	80	95	95	83	83			98	98	
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A															
12	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C															
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C															
12	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C															
LSD (P=.05)										0.0	5.4	14.7	30.7	52.9	52.9	0.0	3.6	20.4	27.4	17.4	17.4			
Replicate F										0.000	4.409	0.785	1.657	1.550	1.550	0.000	1.600	0.044	3.824	0.346	0.346			
Replicate Prob(F)										1.0000	0.0298	0.4821	0.2390	0.2345	0.2345	1.0000	0.2326	0.9569	0.0584	0.7114	0.7114			
Treatment F										0.000	741.170	60.437	8.338	2.891	2.891	0.000	1575.150	19.504	4.632	34.709	34.709			
Treatment Prob(F)										1.0000	0.0001	0.0001	0.0024	0.0164	0.0164	1.0000	0.0001	0.0001	0.0190	0.0001	0.0001			

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Weed Code	ALLVI	ALLVI	ALLVI	ALLVI	ALLVI	ALLVI	LAMPU	LAMPU	LAMPU	LAMPU	LAMPU	LAMPU
Crop Code	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	3-22-04	4-5-04	4-19-04	5-17-04	3-22-04	4-5-04	4-19-04	5-17-04	3-22-04	4-5-04	4-19-04	5-17-04
Rating Date	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	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	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C	
1	NONTREATED									0	0	0		0	0	0	0	0		0	0	
2	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	50	50	80		53	53	90	97	99		83	83	
3	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	90	90	68		80	80	95	97	96		82	82	
3	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A													
4	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	FALL	B	0	0			86	86	0	0			92	92	
4	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	FALL	B													
5	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0			80	80	0	0			98	98	
5	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B													
5	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	FALL	B													
6	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0			83	83	0	0			98	98	
6	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	FALL	B													
6	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	FALL	B													
7	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	SPRING	C				50	95	95					50	60	60
7	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C													
8	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				0	0	0					33	90	90
8	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C													
8	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C													
9	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				0	0	0					33	60	60
9	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C													
9	28% UAN	100	LIQ	20.0	% V/V	20	% V/V	SPRING	C													
10	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	50	50	80	80	90	90	90	97	99	99	98	98	
10	HARMONY EXTRA	75	WG	0.0235	LB A/A	0.5	OZ/A	SPRING	C													
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	SPRING	C													
11	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	50	50	80	80	80	80	90	97	99	99	98	98	
11	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C													
11	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C													
11	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C													
12	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	90	85	78	78	80	80	95	97	99	99	98	98	
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	PRE	A													
12	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C													
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	SPRING	C													
12	28% UAN	100	LIQ	2.5	% V/V	2.5	% V/V	SPRING	C													
LSD (P=.05)										0.0	5.0	11.7	2.1	23.2	23.2	0.0	5.3	3.9	27.1	40.2	40.2	
Replicate F										0.000	1.000	1.443	1.000	1.195	1.195	0.000	10.000	1.000	2.500	1.576	1.576	
Replicate Prob(F)										1.0000	0.3897	0.2815	0.4019	0.3216	0.3216	1.0000	0.0015	0.4019	0.1317	0.2293	0.2293	
Treatment F										0.000	499.000	73.745	3274.600	22.899	22.899	0.000	841.000	1076.800	15.134	4.394	4.394	
Treatment Prob(F)										1.0000	0.0001	0.0001	0.0001	0.0001	0.0001	1.0000	0.0001	0.0001	0.0002	0.0015	0.0015	

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Weed Code												
Crop Code												
Rating Data Type									TRZAW	TRZAW	TRZAW	TRZAW
Rating Unit									Injury	Injury	Injury	Injury
Rating Date									Percent	Percent	Percent	Percent
Trt-Eval Interval									3-22-04	4-5-04	4-19-04	5-17-04
									14 DA-AB	28 DA-AB	0 DA-C	14 DA-C
												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	14 DA-AB	28 DA-AB	0 DA-C	14 DA-C	28 DA-C	56 DA-C
1	NONTREATED									0	0	0		0	0
2	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	0	0	0		0	0
3	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	0	0	0		0	0
3	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	PRE	A						
4	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	FALL	B	0	0			0	0
4	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	%V/V	FALL	B						
5	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0			0	0
5	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	FALL	B						
5	28% UAN	100	LIQ	2.5	% V/V	2.5	%V/V	FALL	B						
6	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	FALL	B	0	0			0	0
6	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	FALL	B						
6	28% UAN	100	LIQ	20.0	% V/V	20	%V/V	FALL	B						
7	MAVERICK	75	WG	0.03125	LB A/A	0.67	OZ/A	SPRING	C				0	0	0
7	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	%V/V	SPRING	C						
8	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				0	0	0
8	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	SPRING	C						
8	28% UAN	100	LIQ	2.5	% V/V	2.5	%V/V	SPRING	C						
9	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C				0	0	0
9	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	SPRING	C						
9	28% UAN	100	LIQ	20.0	% V/V	20	%V/V	SPRING	C						
10	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	0	0	0	0	0	0
10	HARMONY EXTRA	75	WG	0.0235	LB A/A	0.5	OZ/A	SPRING	C						
10	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	%V/V	SPRING	C						
11	ROUNDUP W-MAX	4.5	SL	0.375	LB AE/A	10.7	OZ/A	PRE	A	0	0	0	0	0	0
11	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C						
11	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	SPRING	C						
11	28% UAN	100	LIQ	2.5	% V/V	2.5	%V/V	SPRING	C						
12	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	PRE	A	0	0	0	0	0	0
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	PRE	A						
12	BEYOND	1	AS	0.0312	LB A/A	4	OZ/A	SPRING	C						
12	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	%V/V	SPRING	C						
12	28% UAN	100	LIQ	2.5	% V/V	2.5	%V/V	SPRING	C						
LSD (P=.05)										0.0	0.0	0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Weed Management in No-Till Wheat.

Project Code: 04-5A Location: Belleville Research Center
Investigator: Bryan Young

Trial Comments

1. Protocol: SIU.
2. Ratings: CI 14 and 28 DA POST treatments; WC 14 and 28 DAT; rate all plots 28 and 56 DA SPRING application.
3. FALL application is after 2L wheat. SPRING application is after new spring growth occurs.
4. DA-AB = days after PRE or FALL application. DA-C = days after SPRING application.
5. Ratings at 14 and 28 DA-AB were prior to the SPRING application.
6. Ratings on 03-22-04 at 0 DA-C is effect of PRE application prior to SPRING application.
7. Rating dates:
 - 14 days after PRE and FALL application was rated on 11-07-03 and 12-04-03, respectively.
 - 28 days after PRE and FALL application was rated on 11-23-03 and 12-18-03, respectively.
8. At 14 and 28 days after PRE application there was new emergence of LAMAM and RANAB following the PRE application.
9. Ratings at 28 DA-C were also 180 and 151 days after PRE and FALL applications, respectively.
 - Ratings at 56 DA-C were also 208 and 179 days after PRE and FALL applications, respectively.