

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.4  
 %OM: 4.6  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 85  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	01	05	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	11/16/01	05/03/02	06/24/02	AME
AIR TEMPERATURE	74	59	84	F
% REL.HUMIDITY	49	46	60	
WIND DIRECTION	WEST	NORTHEAST	WEST	
WIND SPEED	3.0	5.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/DRY	
SOIL CONDITION	FRIABLE	FRIABLE	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	MOTORIZED	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
LAMBSQUARTERS, C	NA/00 /	MED/14 0.75/0.75	MED/19 12.0/12.0	IN
SOYBEAN FS 3616RR 05/24/2002			---/17 12.0/12.0	IN
SMARTWEED, PENNS	NA/00 /	HGH/12 1.00/1.00	HGH/19 12.0/12.0	IN
FOXTAIL, GIANT	NA/00 /	HGH/12 0.50/0.50	HGH/19 14.0/14.0	IN

\* TIMING CODES

01 = ----- / FALL APPL'D  
 05 = ----- / EPP 15 DBP  
 12 = ----- / POST

\* STAGE CODE

00 = DRY SEED (CARYOPHYSIS)  
 12 = 2 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES  
 19 = 9 OR MORE LEAVES UNFOLDED

## DATA MEAN

TITLE: USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

CREATED: 11/02/2001 REVISED: 11/06/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: URBANA

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	POLPY	GLXMA	SETFA	CHEAL
		RATE	UNIT		CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 06/08/02	CON % 06/08/02	CON % 06/08/02
1A	»PROWL 3.8CS	1.48	LAA	1	88	93	32	0	60	93
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
2A	»PROWL 3.8CS	1.48	LAA	5	99	99	96	0	70	96
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	PROWL 3.3EC	1.48	LAA	1	83	90	37	0	58	92
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	PROWL 3.3EC	1.48	LAA	5	99	99	99	0	68	93
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»PROWL 3.8CS	1.48	LAA	1	53	92	27	0	28	72
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
6A	»PROWL 3.8CS	1.48	LAA	5	99	99	99	0	76	98
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	PROWL 3.3EC	1.48	LAA	1	47	87	25	0	27	55
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	PROWL 3.3EC	1.48	LAA	5	99	99	99	0	63	93
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	»AXIOM	0.98	LAA	1	92	87	32	0	52	88
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	»AXIOM	0.98	LAA	5	99	99	99	0	75	98
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
11A	»OUTLOOK 6EC	0.98	LAA	1	90	88	88	0	40	77
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	»OUTLOOK 6EC	0.98	LAA	5	96	99	99	0	40	91
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

## DATA MEAN

TITLE: USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	POLPY	GLXMA	SETFA	CHEAL
		RATE	UNIT		CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 06/08/02	CON % 06/08/02	CON % 06/08/02
13A	»AXIOM	0.98	LAA	1	50	75	23	0	28	43
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
14A	»AXIOM	0.98	LAA	5	99	99	99	0	74	96
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
15A	»OUTLOOK 6EC	0.98	LAA	1	57	93	33	0	30	47
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»OUTLOOK 6EC	0.98	LAA	5	99	99	99	0	57	95
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
17A	»DUAL II MAGNUM	1.91	LAA	1	92	95	75	0	72	96
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	»DUAL II MAGNUM	1.91	LAA	5	99	99	99	0	79	99
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	1	0	0	0	0	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CHECK	0.00	NA	5	0	0	0	0	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
21A	»DUAL II MAGNUM	1.91	LAA	1	50	80	38	0	27	47
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
22A	»DUAL II MAGNUM	1.91	LAA	5	99	99	99	0	73	94
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
23A	CHECK	0.00	NA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
24A	CHECK	0.00	NA	5	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						

## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

LSD (0.05)	4.62	4.05	5.24	0.00	5.52	5.68
STANDARD DEVIATION	2.31	2.00	2.62	0.00	2.76	2.84

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## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*  
**CREATED:** 11/02/2001 **REVISED:** 11/06/2002 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** URBANA **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			POLPY	GLXMA	SETFA	CHEAL	POLPY	GLXMA
		RATE	UNIT	TM	CON % 06/08/02	CON % 06/25/02	CON % 06/25/02	CON % 06/25/02	CON % 06/25/02	CON % 07/09/02
1A	»PROWL 3.8CS	1.48	LAA	1	50	0	67	72	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
2A	»PROWL 3.8CS	1.48	LAA	5	50	0	66	70	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	PROWL 3.3EC	1.48	LAA	1	48	0	55	68	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	PROWL 3.3EC	1.48	LAA	5	72	0	68	73	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»PROWL 3.8CS	1.48	LAA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
6A	»PROWL 3.8CS	1.48	LAA	5	52	0	69	83	68	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	PROWL 3.3EC	1.48	LAA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	PROWL 3.3EC	1.48	LAA	5	53	0	53	83	57	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	»AXIOM	0.98	LAA	1	40	0	27	72	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	»AXIOM	0.98	LAA	5	52	0	65	88	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
11A	»OUTLOOK 6EC	0.98	LAA	1	52	0	10	73	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	»OUTLOOK 6EC	0.98	LAA	5	52	0	17	87	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

## DATA MEAN

TITLE: USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	POLPY	GLXMA	SETFA	CHEAL	POLPY	GLXMA
		RATE	UNIT		CON % 06/08/02	CON % 06/25/02	CON % 06/25/02	CON % 06/25/02	CON % 06/25/02	CON % 07/09/02
13A	AXIOM	0.98	LAA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
14A	AXIOM	0.98	LAA	5	52	0	61	77	47	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
15A	OUTLOOK 6EC	0.98	LAA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	OUTLOOK 6EC	0.98	LAA	5	45	0	37	92	43	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
17A	DUAL II MAGNUM	1.91	LAA	1	48	0	62	23	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	DUAL II MAGNUM	1.91	LAA	5	57	0	81	52	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	CHECK	0.00	NA	1	0	0	0	0	0	0
	B»CONVENTIONAL T	0.00	LAA	1						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CHECK	0.00	NA	5	0	0	0	0	0	0
	B»CONVENTIONAL T	0.00	LAA	5						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
21A	DUAL II MAGNUM	1.91	LAA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
22A	DUAL II MAGNUM	1.91	LAA	5	43	0	60	96	53	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
23A	CHECK	0.00	NA	1	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
	D»NO-TILL	0.00	NA	1						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
24A	CHECK	0.00	NA	5	0	0	0	0	0	0
	B»RNDUP ULTRA MA	0.75	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»NO-TILL	0.00	NA	5						
	E»RNDUP ULTRA MA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						

## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

LSD (0.05)	4.54	0.00	6.87	8.62	6.66	0.00
STANDARD DEVIATION	2.27	0.00	3.44	4.31	3.33	0.00

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## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*  
**CREATED:** 11/02/2001 **REVISED:** 11/06/2002 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** URBANA **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	POLPY	SETFA	CHEAL
		RATE	UNIT		CON % 07/09/02	CON % 07/09/02	CON % 07/09/02	CON % 07/25/02	CON % 07/25/02
1A	»PROWL 3.8CS	1.48	LAA	1	99	99	72	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
2A	»PROWL 3.8CS	1.48	LAA	5	99	99	78	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
3A	PROWL 3.3EC	1.48	LAA	1	99	99	77	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
4A	PROWL 3.3EC	1.48	LAA	5	99	99	88	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
5A	»PROWL 3.8CS	1.48	LAA	1	99	99	50	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
6A	»PROWL 3.8CS	1.48	LAA	5	99	99	93	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
7A	PROWL 3.3EC	1.48	LAA	1	99	99	53	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
8A	PROWL 3.3EC	1.48	LAA	5	99	99	95	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
9A	»AXIOM	0.98	LAA	1	99	99	78	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
10A	»AXIOM	0.98	LAA	5	99	99	75	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
11A	»OUTLOOK 6EC	0.98	LAA	1	99	99	90	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
12A	»OUTLOOK 6EC	0.98	LAA	5	99	99	96	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					



## DATA MEAN

TITLE: USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	POLPY	SETFA	CHEAL
		RATE	UNIT		CON % 07/09/02	CON % 07/09/02	CON % 07/09/02	CON % 07/25/02	CON % 07/25/02
13A	AXIOM	0.98	LAA	1	99	99	65	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
14A	AXIOM	0.98	LAA	5	99	99	91	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
15A	OUTLOOK 6EC	0.98	LAA	1	99	99	58	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
16A	OUTLOOK 6EC	0.98	LAA	5	99	99	98	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
17A	DUAL II MAGNUM	1.91	LAA	1	99	99	79	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
18A	DUAL II MAGNUM	1.91	LAA	5	99	99	80	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
19A	CHECK	0.00	NA	1	99	99	78	99	99
	B»CONVENTIONAL T	0.00	LAA	1					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
20A	CHECK	0.00	NA	5	99	99	85	99	99
	B»CONVENTIONAL T	0.00	LAA	5					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
21A	DUAL II MAGNUM	1.91	LAA	1	99	99	68	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
22A	DUAL II MAGNUM	1.91	LAA	5	99	99	89	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
23A	CHECK	0.00	NA	1	99	99	53	99	99
	B»RNDUP ULTRA MA	0.75	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
	D»NO-TILL	0.00	NA	1					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
24A	CHECK	0.00	NA	5	99	99	89	99	99
	B»RNDUP ULTRA MA	0.75	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»NO-TILL	0.00	NA	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					

## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

LSD (0.05)	0.00	0.00	10.69	0.00	0.00
STANDARD DEVIATION	0.00	0.00	5.35	0.00	0.00

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## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*  
**CREATED:** 11/02/2001 **REVISED:** 11/06/2002 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** URBANA **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		POLPY CON % 07/25/02
		RATE	UNIT TM	
1A	»PROWL 3.8CS	1.48	LAA 1	93
	B»CONVENTIONAL T	0.00	LAA 1	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
2A	»PROWL 3.8CS	1.48	LAA 5	96
	B»CONVENTIONAL T	0.00	LAA 5	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
3A	PROWL 3.3EC	1.48	LAA 1	93
	B»CONVENTIONAL T	0.00	LAA 1	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
4A	PROWL 3.3EC	1.48	LAA 5	99
	B»CONVENTIONAL T	0.00	LAA 5	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
5A	»PROWL 3.8CS	1.48	LAA 1	87
	B»RNDUP ULTRA MA	0.75	LAA 1	
	C»LIQUID AMS	2.50	PMV 1	
	D»NO-TILL	0.00	NA 1	
	E»RNDUP ULTRA MA	0.75	LAA 12	
	F»LIQUID AMS	2.50	PMV 12	
6A	»PROWL 3.8CS	1.48	LAA 5	99
	B»RNDUP ULTRA MA	0.75	LAA 5	
	C»LIQUID AMS	2.50	PMV 5	
	D»NO-TILL	0.00	NA 5	
	E»RNDUP ULTRA MA	0.75	LAA 12	
	F»LIQUID AMS	2.50	PMV 12	
7A	PROWL 3.3EC	1.48	LAA 1	88
	B»RNDUP ULTRA MA	0.75	LAA 1	
	C»LIQUID AMS	2.50	PMV 1	
	D»NO-TILL	0.00	NA 1	
	E»RNDUP ULTRA MA	0.75	LAA 12	
	F»LIQUID AMS	2.50	PMV 12	
8A	PROWL 3.3EC	1.48	LAA 5	98
	B»RNDUP ULTRA MA	0.75	LAA 5	
	C»LIQUID AMS	2.50	PMV 5	
	D»NO-TILL	0.00	NA 5	
	E»RNDUP ULTRA MA	0.75	LAA 12	
	F»LIQUID AMS	2.50	PMV 12	
9A	»AXIOM	0.98	LAA 1	88
	B»CONVENTIONAL T	0.00	LAA 1	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
10A	»AXIOM	0.98	LAA 5	97
	B»CONVENTIONAL T	0.00	LAA 5	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
11A	»OUTLOOK 6EC	0.98	LAA 1	99
	B»CONVENTIONAL T	0.00	LAA 1	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
12A	»OUTLOOK 6EC	0.98	LAA 5	99
	B»CONVENTIONAL T	0.00	LAA 5	
	C»RNDUP ULTRA MA	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	

## DATA MEAN

**TITLE:** USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	POLPY
		RATE	UNIT		CON % 07/25/02
13A	AXIOM	0.98	LAA	1	92
	B»RNDUP ULTRA MA	0.75	LAA	1	
	C»LIQUID AMS	2.50	PMV	1	
	D»NO-TILL	0.00	NA	1	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
14A	AXIOM	0.98	LAA	5	96
	B»RNDUP ULTRA MA	0.75	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»NO-TILL	0.00	NA	5	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
15A	OUTLOOK 6EC	0.98	LAA	1	88
	B»RNDUP ULTRA MA	0.75	LAA	1	
	C»LIQUID AMS	2.50	PMV	1	
	D»NO-TILL	0.00	NA	1	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
16A	OUTLOOK 6EC	0.98	LAA	5	99
	B»RNDUP ULTRA MA	0.75	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»NO-TILL	0.00	NA	5	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
17A	DUAL II MAGNUM	1.91	LAA	1	97
	B»CONVENTIONAL T	0.00	LAA	1	
	C»RNDUP ULTRA MA	0.75	LAA	12	
	D»LIQUID AMS	2.50	PMV	12	
18A	DUAL II MAGNUM	1.91	LAA	5	96
	B»CONVENTIONAL T	0.00	LAA	5	
	C»RNDUP ULTRA MA	0.75	LAA	12	
	D»LIQUID AMS	2.50	PMV	12	
19A	CHECK	0.00	NA	1	96
	B»CONVENTIONAL T	0.00	LAA	1	
	C»RNDUP ULTRA MA	0.75	LAA	12	
	D»LIQUID AMS	2.50	PMV	12	
20A	CHECK	0.00	NA	5	95
	B»CONVENTIONAL T	0.00	LAA	5	
	C»RNDUP ULTRA MA	0.75	LAA	12	
	D»LIQUID AMS	2.50	PMV	12	
21A	DUAL II MAGNUM	1.91	LAA	1	92
	B»RNDUP ULTRA MA	0.75	LAA	1	
	C»LIQUID AMS	2.50	PMV	1	
	D»NO-TILL	0.00	NA	1	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
22A	DUAL II MAGNUM	1.91	LAA	5	98
	B»RNDUP ULTRA MA	0.75	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»NO-TILL	0.00	NA	5	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
23A	CHECK	0.00	NA	1	90
	B»RNDUP ULTRA MA	0.75	LAA	1	
	C»LIQUID AMS	2.50	PMV	1	
	D»NO-TILL	0.00	NA	1	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	
24A	CHECK	0.00	NA	5	99
	B»RNDUP ULTRA MA	0.75	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»NO-TILL	0.00	NA	5	
	E»RNDUP ULTRA MA	0.75	LAA	12	
	F»LIQUID AMS	2.50	PMV	12	

## DATA MEAN

TITLE: USFGRASS Tillage and timing factorial for grass control in soybean N-200\*

LSD (0.05) 6.58  
STANDARD DEVIATION 3.29

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

01 = ----- / FALL APPL'D 11/16/2001(1)  
05 = ----- / EPP 15 DBP 05/03/2002(2)  
12 = ----- / POST 06/24/2002(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	SETFA	CON %	05/21/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	05/21/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	POLPY	CON %	05/21/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	GLXMA	CON %	06/08/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	06/08/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	06/08/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	POLPY	CON %	06/08/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	GLXMA	CON %	06/25/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	SETFA	CON %	06/25/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	CHEAL	CON %	06/25/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	POLPY	CON %	06/25/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	GLXMA	CON %	07/09/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	SETFA	CON %	07/09/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	CHEAL	CON %	07/09/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	POLPY	CON %	07/09/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	SETFA	CON %	07/25/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	CHEAL	CON %	07/25/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	POLPY	CON %	07/25/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3616RR