

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.4  
%OM: 4.6  
PREV. CROP: GLXMA - SOYBEAN  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	04	05	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/03/04	05/13/04	AME
AIR TEMPERATURE	55	76	F
% REL. HUMIDITY	65	70	
WIND DIRECTION	NORTHWEST	SOUTH	
WIND SPEED	2.0	8.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	YES	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/00	
ASGROW 752RR		/	IN
05/24/2004			
*** PEST ***			
WATERHEMP, COMMO	---/14	---/18	
	1.00/1.00	2.00/4.00	IN
LAMBSQUARTERS, C	---/18	---/19	
	1.00/3.00	2.00/4.00	IN
MORNINGGLORY, TA	---/10	---/15	
	0.50/0.50	1.00/2.00	IN
FOXTAIL, GIANT	---/00	---/11	
	/	1.00/1.00	IN

## \* TIMING CODES

04 = ----- / EPP 30DBP  
05 = ----- / EPP 15DBP

## \* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
11 = FIRST LEAF UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Early Preplant Grass Evaluations in Notill Corn. N-100  
**CREATED:** 04/05/2004 **REVISED:** 08/05/2004 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	AMATA	PHBPU	ZEAMD	SETFA
		RATE	UNIT		CON % 05/24/04	CON % 05/24/04	CON % 05/24/04	CON % 05/24/04	CON % 06/07/04	CON % 06/07/04
1A	WEATHERMAX 4.5	0.75	LAA	4	0	0	0	0	0	0
B	LIQUID AMS	2.50	PMV	4						
2A	MANA-282 7.88L	0.98	LAA	4	65	40	43	0	0	55
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
3A	MANA-282 7.88L	1.43	LAA	4	84	57	53	0	0	74
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
4A	MANA-282 7.88L	1.97	LAA	4	86	60	65	0	0	83
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
5A	DUAL II MAGNUM	0.64	LAA	4	53	33	37	0	0	47
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
6A	DUAL II MAGNUM	0.96	LAA	4	84	62	65	0	0	73
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
7A	DUAL II MAGNUM	1.91	LAA	4	93	78	77	7	0	86
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
8A	WEATHERMAX 4.5	0.75	LAA	5	57	57	50	0	0	0
B	LIQUID AMS	2.50	PMV	5						
9A	MANA-282 7.88L	0.98	LAA	5	92	73	77	7	0	84
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
10A	MANA-282 7.88L	1.43	LAA	5	99	89	89	23	0	94
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
11A	MANA-282 7.88L	1.97	LAA	5	99	93	94	23	0	98
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
12A	DUAL II MAGNUM	0.64	LAA	5	98	79	80	7	0	93
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	DUAL II MAGNUM	0.96	LAA	5	98	88	91	13	0	94
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
15A	DUAL II MAGNUM	1.91	LAA	5	99	96	94	27	0	98
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
LSD (0.05)					5.61	10.05	10.00	9.84	0.00	7.08
STANDARD DEVIATION					2.74	4.91	4.87	4.80	0.00	3.46

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**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMATA	PHBPU	ZEAMD	SETFA	CHEAL
		RATE	UNIT		CON % 06/07/04	CON % 06/07/04	CON % 06/07/04	CON % 06/17/04	CON % 06/17/04	CON % 06/17/04
1A	WEATHERMAX 4.5	0.75	LAA	4	0	0	0	0	0	0
B	LIQUID AMS	2.50	PMV	4						
2A	MANA-282 7.88L	0.98	LAA	4	43	50	0	0	33	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
3A	MANA-282 7.88L	1.43	LAA	4	62	63	0	0	60	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
4A	MANA-282 7.88L	1.97	LAA	4	74	78	0	0	72	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
5A	DUAL II MAGNUM	0.64	LAA	4	43	50	0	0	33	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
6A	DUAL II MAGNUM	0.96	LAA	4	60	68	7	0	73	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
7A	DUAL II MAGNUM	1.91	LAA	4	72	73	7	0	91	0
B	WEATHERMAX 4.5	0.75	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
8A	WEATHERMAX 4.5	0.75	LAA	5	0	0	0	0	0	0
B	LIQUID AMS	2.50	PMV	5						
9A	MANA-282 7.88L	0.98	LAA	5	70	73	10	0	65	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
10A	MANA-282 7.88L	1.43	LAA	5	85	88	27	0	77	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
11A	MANA-282 7.88L	1.97	LAA	5	85	88	47	0	92	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
12A	DUAL II MAGNUM	0.64	LAA	5	87	87	7	0	68	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	DUAL II MAGNUM	0.96	LAA	5	89	93	37	0	77	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
15A	DUAL II MAGNUM	1.91	LAA	5	93	96	50	0	93	0
B	WEATHERMAX 4.5	0.75	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
LSD (0.05)					13.13	12.73	13.94	0.00	9.00	0.00
STANDARD DEVIATION					6.41	6.22	6.81	0.00	4.37	0.00

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**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	AMATA	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					06/17/04	06/17/04
1A	WEATHERMAX 4.5	0.75	LAA	4	0	0
B	LIQUID AMS	2.50	PMV	4		
2A	MANA-282 7.88L	0.98	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
3A	MANA-282 7.88L	1.43	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
4A	MANA-282 7.88L	1.97	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
5A	DUAL II MAGNUM	0.64	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
6A	DUAL II MAGNUM	0.96	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
7A	DUAL II MAGNUM	1.91	LAA	4	0	0
B	WEATHERMAX 4.5	0.75	LAA	4		
C	LIQUID AMS	2.50	PMV	4		
8A	WEATHERMAX 4.5	0.75	LAA	5	0	0
B	LIQUID AMS	2.50	PMV	5		
9A	MANA-282 7.88L	0.98	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
10A	MANA-282 7.88L	1.43	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
11A	MANA-282 7.88L	1.97	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
12A	DUAL II MAGNUM	0.64	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
13A	CHECK	0.00	NA	0	0	0
14A	DUAL II MAGNUM	0.96	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
15A	DUAL II MAGNUM	1.91	LAA	5	0	0
B	WEATHERMAX 4.5	0.75	LAA	5		
C	LIQUID AMS	2.50	PMV	5		
		LSD (0.05)			0.00	0.00
		STANDARD DEVIATION			0.00	0.00

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 04 = ----- / EPP 30DBP 05/03/2004 (1)  
 05 = ----- / EPP 15DBP 05/13/2004 (2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	SETFA	CON %	05/24/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	CHEAL	CON %	05/24/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/24/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	05/24/2004	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/07/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/07/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	06/07/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/07/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	06/07/2004	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	06/17/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/17/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/17/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/17/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/17/2004	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 752RR