

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIX  
PH: 6.2  
%OM: 6.0  
PREV. CROP: ZEAMD - CORN, DENT  
%RESIDUE: 90  
PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	04	05	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/16/02	05/05/02	06/26/02	AME
AIR TEMPERATURE	89	78	84	F
% REL. HUMIDITY	45	36	61	
WIND DIRECTION	SOUTHEAST	SOUTH	WEST	
WIND SPEED	12.0	9.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/DRY	
SOIL CONDITION	FRIABLE	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	MOTORIZED	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSAIR	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6		
NOZZLE SPACING	20.000	20.000		IN
SWATH WIDTH	10.0	10.0		FT
SPRAY VOLUME	20.00	20.00		
VOLUME UNIT	GPA	GPA		
PRESSURE	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 ***				
RAGWEED, GIANT	HGH/10 0.50/0.50	HGH/14 2.00/2.00	HGH/18 10.0/10.0	IN
LAMBSQUARTERS, C	MED/10 0.25/0.25	MED/14 1.00/1.00	MED/18 3.50/3.50	IN
SOYBEAN ASGROW 2703 RR 05/27/2002			---/14 7.00/7.00	IN

## \* TIMING CODES

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

## \* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

## DATA MEAN

TITLE: Soybean Notill Systems SW-1600  
 CREATED: 04/15/2002 REVISED: 07/31/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	CHEAL	GLXMA	AMBTR	CHEAL	GLXMA
		RATE	UNIT	TM	CON % 05/28/02	CON % 05/28/02	CON % 06/26/02	CON % 06/26/02	CON % 06/26/02	CON % 07/11/02
1A	RNDUP ULTRA MA	0.56	LAA	4	53	91	0	0	0	0
B	LIQUID AMS	2.50	PMV	4						
C	RNDUP ULTRA MA	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	RNDUP ULTRA MA	0.56	LAA	4	81	99	0	0	0	0
B	DOMAIN 60DF	0.53	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
3A	TOUCHDOWN 3L	0.56	LAA	4	73	99	0	0	0	0
B	BOUNDARY 6.5EC	1.42	LAA	4						
C	LIQUID AMS	2.50	PMV	4						
D	TOUCHDOWN 3L	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	TOUCHDOWN 3L	0.56	LAA	5	98	99	0	68	67	0
B	LIQUID AMS	2.50	PMV	5						
C	TOUCHDOWN 3L	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
5A	RNDUP ULTRA MA	0.56	LAA	5	99	99	0	65	63	0
B	LIQUID AMS	2.50	PMV	5						
C	RNDUP ULTRA MA	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
6A	EXTREME 2.17L	0.81	LAA	5	97	99	0	63	99	0
B	ACTIVATOR 90	0.125	PMV	5						
C	LIQUID AMS	2.50	PMV	5						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	RNDUP ULTRA MA	0.56	LAA	5	98	99	0	76	99	0
B	AMPLIFY 84WG	0.032	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
9A	RNDUP ULTRA MA	0.56	LAA	5	98	99	0	68	99	0
B	AMPLIFY 84WG	0.016	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
10A	RNDUP ULTRA MA	0.56	LAA	5	97	99	0	67	99	0
B	DOMAIN 60DF	0.45	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
11A	RNDUP ULTRA MA	0.56	LAA	5	98	99	0	60	99	0
B	PROWL 3.3EC	1.24	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	RNDUP ULTRA MA	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
12A	RNDUP ULTRA MA	0.56	LAA	5	98	99	0	60	99	0
B	VALOR 51WDG	0.063	LAA	5						
C	COC	1.00	PMV	5						
D	LIQUID AMS	2.50	PMV	5						
E	RNDUP ULTRA MA	0.75	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

## DATA MEAN

TITLE: Soybean Notill Systems SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	GLXMA	AMBTR	CHEAL	GLXMA
		RATE	UNIT		CON % 05/28/02	CON % 05/28/02	CON % 06/26/02	CON % 06/26/02	CON % 06/26/02	CON % 07/11/02
13A	RNDUP ULTRA MA	0.56	LAA	5	98	99	0	52	99	0
	B>>VALOR 51WDG	0.078	LAA	5						
	C>>COC	1.00	PMV	5						
	D>>LIQUID AMS	2.50	PMV	5						
	E>>RNDUP ULTRA MA	0.75	LAA	12						
	F>>LIQUID AMS	2.50	PMV	12						
14A	RNDUP ULTRA MA	0.56	LAA	5	96	99	0	53	99	0
	B>>SPARTAN 4L	0.14	LAA	5						
	C>>LIQUID AMS	2.50	PMV	5						
	D>>RNDUP ULTRA MA	0.75	LAA	12						
	E>>LIQUID AMS	2.50	PMV	12						
15A	GRAMOX MAX 3SL	0.64	LAA	5	96	99	0	60	96	0
	B>>BOUNDARY 6.5EC	1.22	LAA	5						
	C>>ACTIVATOR 90	0.25	PMV	5						
	D>>TOUCHDOWN 3L	0.75	LAA	12						
	E>>LIQUID AMS	2.50	PMV	12						
16A	TOUCHDOWN 3L	0.56	LAA	5	98	99	0	60	96	0
	B>>BOUNDARY 6.5EC	1.22	LAA	5						
	C>>LIQUID AMS	2.50	PMV	5						
	D>>TOUCHDOWN 3L	0.75	LAA	12						
	E>>LIQUID AMS	2.50	PMV	12						
17A	GLYPHOMAX PLUS	0.56	LAA	5	98	99	0	77	99	0
	B>>PYTHON 80WG	0.04	LAA	5						
	C>>VALOR 51WDG	0.047	LAA	5						
	D>>COC	1.00	PMV	5						
	E>>LIQUID AMS	2.50	PMV	5						
	F>>GLYPHOMAX PLUS	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
18A	RNDUP ULTRA MA	0.56	LAA	5	99	99	0	72	99	0
	B>>GAUNTLET	0.14	LAA	0						
	C>>FIRSTRATE 84WG	0.0155	LAA	5						
	D>>AUTHORITY	0.124	LAA	5						
	E>>LIQUID AMS	2.50	PMV	5						
	F>>RNDUP ULTRA MA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			4.91	0.674	0.00	10.14	6.18	0.00
		STANDARD DEVIATION			2.43	0.333	0.00	5.00	3.06	0.00

## DATA MEAN

TITLE: Soybean Notill Systems SW-1600  
 CREATED: 04/15/2002 REVISED: 07/31/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	CHEAL	GLXMA	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 07/11/02	CON % 07/11/02	CON % 07/23/02	CON % 07/23/02	CON % 07/23/02
1A	RNDUP ULTRA MA	0.56	LAA	4	60	99	0	77	99
B	LIQUID AMS	2.50	PMV	4					
C	RNDUP ULTRA MA	0.75	LAA	12					
D	LIQUID AMS	2.50	PMV	12					
2A	RNDUP ULTRA MA	0.56	LAA	4	63	99	0	75	99
B	DOMAIN 60DF	0.53	LAA	4					
C	LIQUID AMS	2.50	PMV	4					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
3A	TOUCHDOWN 3L	0.56	LAA	4	60	99	0	77	99
B	BOUNDARY 6.5EC	1.42	LAA	4					
C	LIQUID AMS	2.50	PMV	4					
D	TOUCHDOWN 3L	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
4A	TOUCHDOWN 3L	0.56	LAA	5	75	99	0	88	99
B	LIQUID AMS	2.50	PMV	5					
C	TOUCHDOWN 3L	0.75	LAA	12					
D	LIQUID AMS	2.50	PMV	12					
5A	RNDUP ULTRA MA	0.56	LAA	5	72	99	0	82	99
B	LIQUID AMS	2.50	PMV	5					
C	RNDUP ULTRA MA	0.75	LAA	12					
D	LIQUID AMS	2.50	PMV	12					
6A	EXTREME 2.17L	0.81	LAA	5	80	99	0	82	99
B	ACTIVATOR 90	0.125	PMV	5					
C	LIQUID AMS	2.50	PMV	5					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
7A	CHECK	0.00	NA	0	0	0	0	0	0
8A	RNDUP ULTRA MA	0.56	LAA	5	87	99	0	90	99
B	AMPLIFY 84WG	0.032	LAA	5					
C	LIQUID AMS	2.50	PMV	5					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
9A	RNDUP ULTRA MA	0.56	LAA	5	85	99	0	87	99
B	AMPLIFY 84WG	0.016	LAA	5					
C	LIQUID AMS	2.50	PMV	5					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
10A	RNDUP ULTRA MA	0.56	LAA	5	88	99	0	95	99
B	DOMAIN 60DF	0.45	LAA	5					
C	LIQUID AMS	2.50	PMV	5					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
11A	RNDUP ULTRA MA	0.56	LAA	5	75	99	0	82	99
B	PROWL 3.3EC	1.24	LAA	5					
C	LIQUID AMS	2.50	PMV	5					
D	RNDUP ULTRA MA	0.75	LAA	12					
E	LIQUID AMS	2.50	PMV	12					
12A	RNDUP ULTRA MA	0.56	LAA	5	75	99	0	80	99
B	VALOR 51WDG	0.063	LAA	5					
C	COC	1.00	PMV	5					
D	LIQUID AMS	2.50	PMV	5					
E	RNDUP ULTRA MA	0.75	LAA	12					
F	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: Soybean Notill Systems SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	GLXMA	AMBTR	CHEAL
		RATE	UNIT		CON % 07/11/02	CON % 07/11/02	CON % 07/23/02	CON % 07/23/02	CON % 07/23/02
13A»	RNDUP ULTRA MA	0.56	LAA	5	72	99	0	75	99
	B»VALOR 51WDG	0.078	LAA	5					
	C»COC	1.00	PMV	5					
	D»LIQUID AMS	2.50	PMV	5					
	E»RNDUP ULTRA MA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
14A»	RNDUP ULTRA MA	0.56	LAA	5	73	99	0	81	99
	B»SPARTAN 4L	0.14	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP ULTRA MA	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
15A»	GRAMOX MAX 3SL	0.64	LAA	5	82	99	0	92	99
	B»BOUNDARY 6.5EC	1.22	LAA	5					
	C»ACTIVATOR 90	0.25	PMV	5					
	D»TOUCHDOWN 3L	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
16A»	TOUCHDOWN 3L	0.56	LAA	5	82	99	0	89	99
	B»BOUNDARY 6.5EC	1.22	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»TOUCHDOWN 3L	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
17A»	GLYPHOMAX PLUS	0.56	LAA	5	89	99	0	91	99
	B»PYTHON 80WG	0.04	LAA	5					
	C»VALOR 51WDG	0.047	LAA	5					
	D»COC	1.00	PMV	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»GLYPHOMAX PLUS	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
18A»	RNDUP ULTRA MA	0.56	LAA	5	84	99	0	84	99
	B»GAUNTLET	0.14	LAA	0					
	C»FIRSTRATE 84WG	0.0155	LAA	5					
	D»AUTHORITY	0.124	LAA	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»RNDUP ULTRA MA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
		LSD (0.05)			9.87	0.00	0.00	13.63	0.00
		STANDARD DEVIATION			4.88	0.00	0.00	6.74	0.00

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 04 = ----- / EPP 30DBP 04/16/2002 (1)  
 05 = ----- / EPP 15DBP 05/05/2002 (2)  
 12 = ----- / POST 06/26/2002 (3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	AMBTR	CON %	05/28/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	05/28/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	06/26/2002	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBTR	CON %	06/26/2002	02	P	AMBTR	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	CHEAL	CON %	06/26/2002	03	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	GLXMA	CON %	07/11/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	AMBTR	CON %	07/11/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	CON %	07/11/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	GLXMA	CON %	07/23/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMBTR	CON %	07/23/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	CHEAL	CON %	07/23/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR

\* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

DATA MEAN

\* STAGE CODE

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED