

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/17/01	06/26/01	AME
AIR TEMPERATURE	84	88	F
% REL.HUMIDITY	60	62	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	2.0	2.4	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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			
*** PEST ***			
VELVETLEAF	NA/01 0.00/0.00	MED/16 5.00/8.00	IN
PIGWEEED, REDROOT	NA/01 0.00/0.00	LOW/16 4.00/4.00	IN
RAGWEED, GIANT	NA/01 0.00/0.00	MED/19 5.00/12.0	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	MED/19 5.00/5.00	IN
SOYBEAN ASGROW 2703 RR 05/14/2001	NA/01 0.00/0.00	NA/15 9.00/9.00	IN
SMARTWEED, PENNS	NA/01 0.00/0.00	LOW/19 5.00/8.00	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	HGH/18 5.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500
CREATED: 05/11/2001 **REVISED:** 08/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMBTR	GLXMA	SETFA	CHEAL
		RATE	UNIT	TM	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01
1A»	DOMAIN 60DF	0.375	LAA	9	0	85	38	0	99	99
	B»RNDUP ULTRA MA	0.56	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A»	DOMAIN 60DF	0.49	LAA	9	0	94	38	0	98	99
	B»RNDUP ULTRA MA	0.56	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A»	DOMAIN 60DF	0.375	LAA	9	0	94	38	0	99	99
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
4A»	BOUNDARY 7.8L	1.22	LAA	9	0	96	23	0	99	99
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
5A»	BOUNDARY 7.8L	1.56	LAA	9	0	96	28	0	99	99
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	PROWL 3.3EC	1.24	LAA	9	0	95	22	0	99	99
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
8A»	OUTLOOK 6EC	0.56	LAA	12	0	0	0	0	99	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
9A»	VALOR 50WG	0.063	LAA	9	0	69	35	0	98	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
10A»	VALOR 50WG	0.078	LAA	9	0	75	48	0	99	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
11A»	AMPLIFY 84WG	0.032	LAA	9	0	17	89	0	99	94
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
12A»	AUTHORITY	0.25	LAA	9	0	35	65	0	98	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
13A»	CANOPY XL 56.3	0.088	LAA	0	0	38	72	2	99	99
	B»AUTHORITY	0.073	LAA	9						
	C CLASSIC 25WG	0.015	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	3.67	PMV	12						
14A»	VALOR 50WG	0.063	LAA	9	0	62	47	0	99	99
	B CLASSIC 25WG	0.025	LAA	9						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
15A»	COMMAND XTRA	0.00	LAA	0	0	92	91	0	99	99
	B COMMAND 3ME	0.30	LAA	9						
	C»SPARTAN 4L	0.15	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						
16A»	GAUNTLET	0.00	LAA	0	0	57	83	0	99	99
	B»AUTHORITY	0.124	LAA	9						
	C»FIRSTRATE 84WG	0.016	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR	GLXMA	SETFA	CHEAL
		RATE	UNIT		CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01
17A	PYTHON 80WG	0.05	LAA	9	0	20	17	0	99	93
	B»GLYPHOMAX PLUS	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
18A	PROWL 3.3EC	1.24	LAA	9	0	96	18	10	99	98
	B»EXTREME 2.17L	0.81	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
	D»LIQUID AMS	5.00	PMV	12						
		LSD (0.05)			0.00	9.54	15.56	2.20	0.731	5.77
		STANDARD DEVIATION			0.00	4.72	7.70	1.09	0.362	2.85

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500
CREATED: 05/11/2001 **REVISED:** 08/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMARE	ABUTH	POLPY	AMBTR	GLXMA	SETFA
		RATE	UNIT	TM	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01	CON % 07/24/01	CON % 07/24/01
1A»	DOMAIN 60DF	0.375	LAA	9	99	99	99	91	0	99
	B»RNDUP ULTRA MA	0.56	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A»	DOMAIN 60DF	0.49	LAA	9	99	99	99	87	0	98
	B»RNDUP ULTRA MA	0.56	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A»	DOMAIN 60DF	0.375	LAA	9	99	99	99	91	0	97
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
4A»	BOUNDARY 7.8L	1.22	LAA	9	99	99	99	87	0	98
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
5A»	BOUNDARY 7.8L	1.56	LAA	9	99	99	99	86	0	99
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	PROWL 3.3EC	1.24	LAA	9	99	99	99	82	0	98
	B»TOUCHDOWN 3L	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
8A»	OUTLOOK 6EC	0.56	LAA	12	99	99	99	79	0	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
9A»	VALOR 50WG	0.063	LAA	9	99	99	99	89	0	98
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
10A»	VALOR 50WG	0.078	LAA	9	99	99	99	97	0	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
11A»	AMPLIFY 84WG	0.032	LAA	9	99	99	99	98	0	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
12A»	AUTHORITY	0.25	LAA	9	99	99	99	94	0	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
13A»	CANOPY XL 56.3	0.088	LAA	0	99	99	99	90	0	99
	B»AUTHORITY	0.073	LAA	9						
	C CLASSIC 25WG	0.015	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	3.67	PMV	12						
14A»	VALOR 50WG	0.063	LAA	9	99	99	99	89	0	97
	B CLASSIC 25WG	0.025	LAA	9						
	C»RNDUP ULTRA MA	0.75	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
15A»	COMMAND XTRA	0.00	LAA	0	99	99	99	98	0	98
	B COMMAND 3ME	0.30	LAA	9						
	C»SPARTAN 4L	0.15	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						
16A»	GAUNTLET	0.00	LAA	0	99	99	99	97	0	99
	B»AUTHORITY	0.124	LAA	9						
	C»FIRSTRATE 84WG	0.016	LAA	9						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMARE	ABUTH	POLPY	AMBTR	GLXMA	SETFA
		RATE	UNIT TM	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01	CON % 07/09/01	CON % 07/24/01	CON % 07/24/01
17A	PYTHON 80WG	0.05	LAA 9	99	99	99	93	0	99
	B»GLYPHOMAX PLUS	0.75	LAA 12						
	C»LIQUID AMS	5.00	PMV 12						
18A	PROWL 3.3EC	1.24	LAA 9	99	99	99	87	0	96
	B»EXTREME 2.17L	0.81	LAA 12						
	C»ACTIVATOR 90	0.125	PMV 12						
	D»LIQUID AMS	5.00	PMV 12						
			LSD (0.05)	0.00	0.00	0.00	13.00	0.00	2.61
			STANDARD DEVIATION	0.00	0.00	0.00	6.45	0.00	1.29

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500
CREATED: 05/11/2001 **REVISED:** 08/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	AMARE	ABUTH	POLPY	AMBTR
		RATE	UNIT	TM	CON % 07/24/01	CON % 07/24/01	CON % 07/24/01	CON % 07/24/01	CON % 07/24/01
1A»	DOMAIN 60DF	0.375	LAA	9	99	99	99	99	95
	B»RNDUP ULTRA MA	0.56	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
2A»	DOMAIN 60DF	0.49	LAA	9	99	99	99	99	93
	B»RNDUP ULTRA MA	0.56	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
3A»	DOMAIN 60DF	0.375	LAA	9	99	99	99	99	96
	B»TOUCHDOWN 3L	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
4A»	BOUNDARY 7.8L	1.22	LAA	9	99	99	99	99	95
	B»TOUCHDOWN 3L	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
5A»	BOUNDARY 7.8L	1.56	LAA	9	97	99	99	99	93
	B»TOUCHDOWN 3L	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
6A	CHECK	0.00	NA	0	0	0	0	0	0
7A	PROWL 3.3EC	1.24	LAA	9	98	99	99	99	90
	B»TOUCHDOWN 3L	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
8A»	OUTLOOK 6EC	0.56	LAA	12	99	99	99	99	88
	B»RNDUP ULTRA MA	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
9A»	VALOR 50WG	0.063	LAA	9	99	99	99	99	96
	B»RNDUP ULTRA MA	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
10A»	VALOR 50WG	0.078	LAA	9	99	99	99	99	99
	B»RNDUP ULTRA MA	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
11A»	AMPLIFY 84WG	0.032	LAA	9	99	99	99	99	98
	B»RNDUP ULTRA MA	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
12A»	AUTHORITY	0.25	LAA	9	99	99	99	99	96
	B»RNDUP ULTRA MA	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
13A»	CANOPY XL 56.3	0.088	LAA	0	99	99	99	99	94
	B»AUTHORITY	0.073	LAA	9					
	C CLASSIC 25WG	0.015	LAA	9					
	D»RNDUP ULTRA MA	0.75	LAA	12					
	E»LIQUID AMS	3.67	PMV	12					
14A»	VALOR 50WG	0.063	LAA	9	99	99	99	99	96
	B CLASSIC 25WG	0.025	LAA	9					
	C»RNDUP ULTRA MA	0.75	LAA	12					
	D»LIQUID AMS	5.00	PMV	12					
15A»	COMMAND XTRA	0.00	LAA	0	99	99	99	99	98
	B COMMAND 3ME	0.30	LAA	9					
	C»SPARTAN 4L	0.15	LAA	9					
	D»RNDUP ULTRA MA	0.75	LAA	12					
	E»LIQUID AMS	5.00	PMV	12					
16A»	GAUNTLET	0.00	LAA	0	99	99	99	99	97
	B»AUTHORITY	0.124	LAA	9					
	C»FIRSTRATE 84WG	0.016	LAA	9					
	D»RNDUP ULTRA MA	0.75	LAA	12					
	E»LIQUID AMS	5.00	PMV	12					

DATA MEAN

TITLE: Weed control systems in Roundup Ready Soybean SW-1500

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	CHEAL	AMARE	ABUTH	POLPY	AMBTR
	RATE	UNIT		CON % 07/24/01	CON % 07/24/01	CON % 07/24/01	CON % 07/24/01	CON % 07/24/01
17A»PYTHON 80WG	0.05	LAA	9	93	99	99	99	97
B»GLYPHOMAX PLUS	0.75	LAA	12					
C»LIQUID AMS	5.00	PMV	12					
18A PROWL 3.3EC	1.24	LAA	9	95	99	99	99	95
B»EXTREME 2.17L	0.81	LAA	12					
C»ACTIVATOR 90	0.125	PMV	12					
D»LIQUID AMS	5.00	PMV	12					
	LSD (0.05)			4.87	0.00	0.00	0.00	6.30
	STANDARD DEVIATION			2.41	0.00	0.00	0.00	3.12

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/17/2001(1)
 12 = ----- / POST 06/26/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	GLXMA	CON %	06/28/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/28/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBTR	CON %	06/28/2001	07	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	GLXMA	CON %	07/09/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	07/09/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	07/09/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	AMARE	CON %	07/09/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ABUTH	CON %	07/09/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	POLPY	CON %	07/09/2001	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMBTR	CON %	07/09/2001	07	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	GLXMA	CON %	07/24/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	SETFA	CON %	07/24/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	CHEAL	CON %	07/24/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	AMARE	CON %	07/24/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	ABUTH	CON %	07/24/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	POLPY	CON %	07/24/2001	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	AMBTR	CON %	07/24/2001	07	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR