

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 80
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	03	04	06	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/10/01	04/24/01	05/17/01	AME
AIR TEMPERATURE	56	61	80	F
% REL.HUMIDITY	75	23	60	
WIND DIRECTION	EAST	NORTHWEST	SOUTHWEST	
WIND SPEED	8.0	9.0	5.0	M/H
CLOUD COVER	OVERCAST	CLEAR	CLOUDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	30.00	30.00	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/12 1.00/2.00	HGH/16 5.00/5.00	IN
SOYBEAN			---/00 /	IN
ASGROW 2703 RR 05/26/2001				
FOXTAIL, GIANT			MED/13 1.00/2.00	IN

* TIMING CODES

03 = ----- / EPP 45DBP
 04 = ----- / EPP 30DBP
 06 = ----- / EPP 7DBP

* STAGE CODE

00 = DRY SEED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Soybean EPP Timings in Glyphosate Tolerant Soybeans SW-1600

CREATED: 04/06/2001 REVISED: 08/30/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DEKALB

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	GLXMA	SETFA	AMBTR
		RATE	UNIT	TM	CON % 05/24/01	CON % 05/24/01	CON % 06/26/01	CON % 06/26/01	CON % 06/26/01
1A	»DOMAIN 60DF	0.60	LAA	3	85	50	0	57	48
	B (G)2,4-D-ESTER	0.50	LAA	3					
	C»COC	1.00	PMV	3					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
2A	»BOUNDARY 7.8L	1.71	LAA	3	92	50	0	50	30
	B (G)2,4-D-ESTER	0.50	LAA	3					
	C»COC	1.00	PMV	3					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
3A	PROWL 3.3EC	1.44	LAA	3	55	50	0	25	23
	B (G)2,4-D-ESTER	0.50	LAA	3					
	C»COC	1.00	PMV	3					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
4A	CHECK	0.00	NA	0	0	0	0	0	0
5A	»VALOR 50WG	0.094	LAA	3	91	91	0	65	63
	B CLASSIC 25WG	0.04	LAA	3					
	C»COC	1.00	PMV	3					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
6A	»CANOPY XL 56.3	0.24	LAA	0	96	91	0	87	85
	B»AUTHORITY	0.20	LAA	3					
	C CLASSIC 25WG	0.04	LAA	3					
	D»COC	0.015	PMV	3					
	E»RNDUP ULTRA MA	0.56	LAA	13					
	F»LIQUID AMS	2.50	PMV	13					
7A	»DOMAIN 60DF	0.488	LAA	4	86	86	0	73	51
	B (G)2,4-D-ESTER	0.50	LAA	4					
	C»COC	1.00	PMV	4					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
8A	»BOUNDARY 7.8L	1.46	LAA	4	91	90	0	71	62
	B (G)2,4-D-ESTER	0.50	LAA	4					
	C»COC	1.00	PMV	4					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
9A	PROWL 3.3EC	1.24	LAA	4	58	88	0	62	74
	B (G)2,4-D-ESTER	0.50	LAA	4					
	C»COC	1.00	PMV	4					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
10A	»VALOR 50WG	0.063	LAA	4	90	82	0	78	80
	B CLASSIC 25WG	0.031	LAA	4					
	C»COC	1.00	PMV	4					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
11A	»CANOPY XL 56.3	0.148	LAA	0	90	77	0	81	62
	B»AUTHORITY	0.125	LAA	4					
	C CLASSIC 25WG	0.025	LAA	4					
	D»COC	1.00	PMV	4					
	E»RNDUP ULTRA MA	0.56	LAA	13					
	F»LIQUID AMS	2.50	PMV	13					
12A	»VALOR 50WG	0.063	LAA	4	60	37	0	53	25
	B»COC	1.00	PMV	4					
	C»RNDUP ULTRA MA	0.56	LAA	13					
	D»LIQUID AMS	2.50	PMV	13					

DATA MEAN

TITLE: Soybean EPP Timings in Glyphosate Tolerant Soybeans SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	GLXMA	SETFA	AMBTR
		RATE	UNIT		CON % 05/24/01	CON % 05/24/01	CON % 06/26/01	CON % 06/26/01	CON % 06/26/01
13A	»VALOR 50WG	0.053	LAA	4	90	91	0	89	92
	B»FIRSTRATE 84WG	0.031	LAA	4					
	C»COC	1.00	PMV	4					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
14A	»DOMAIN 60DF	0.375	LAA	6	88	80	0	86	82
	B»RNDUP ULTRA MA	0.75	LAA	6					
	C»LIQUID AMS	2.50	PMV	6					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
15A	»BOUNDARY 7.8L	1.22	LAA	6	92	77	0	85	73
	B»RNDUP ULTRA MA	0.75	LAA	6					
	C»LIQUID AMS	2.50	PMV	6					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
16A	PROWL 3.3EC	1.03	LAA	6	86	63	0	83	81
	B»RNDUP ULTRA MA	0.75	LAA	6					
	C»LIQUID AMS	2.50	PMV	6					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
17A	»VALOR 50WG	0.053	LAA	6	75	85	0	66	78
	B CLASSIC 25WG	0.015	LAA	6					
	C»COC	1.00	PMV	6					
	D»RNDUP ULTRA MA	0.56	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
18A	»CANOPY XL 56.3	0.148	LAA	0	78	72	0	68	71
	B»AUTHORITY	0.075	LAA	6					
	C CLASSIC 25WG	0.015	LAA	6					
	D»COC	1.00	PMV	6					
	E»RNDUP ULTRA MA	0.56	LAA	13					
	F»LIQUID AMS	2.50	PMV	13					
		LSD (0.05)			17.40	17.46	0.00	19.88	20.75
		STANDARD DEVIATION			8.61	8.64	0.00	9.84	10.27

DATA MEAN

TITLE: Soybean EPP Timings in Glyphosate Tolerant Soybeans SW-1600
CREATED: 04/06/2001 **REVISED:** 08/30/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR
		RATE	UNIT		CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
1A	»DOMAIN 60DF	0.60	LAA	3	0	99	58
	B (G)2,4-D-ESTER	0.50	LAA	3			
	C»COC	1.00	PMV	3			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
2A	»BOUNDARY 7.8L	1.71	LAA	3	0	99	63
	B (G)2,4-D-ESTER	0.50	LAA	3			
	C»COC	1.00	PMV	3			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
3A	PROWL 3.3EC	1.44	LAA	3	0	99	63
	B (G)2,4-D-ESTER	0.50	LAA	3			
	C»COC	1.00	PMV	3			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
4A	CHECK	0.00	NA	0	0	0	0
5A	»VALOR 50WG	0.094	LAA	3	0	99	80
	B CLASSIC 25WG	0.04	LAA	3			
	C»COC	1.00	PMV	3			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
6A	»CANOPY XL 56.3	0.24	LAA	0	0	99	83
	B»AUTHORITY	0.20	LAA	3			
	C CLASSIC 25WG	0.04	LAA	3			
	D»COC	0.015	PMV	3			
	E»RNDUP ULTRA MA	0.56	LAA	13			
	F»LIQUID AMS	2.50	PMV	13			
7A	»DOMAIN 60DF	0.488	LAA	4	0	99	72
	B (G)2,4-D-ESTER	0.50	LAA	4			
	C»COC	1.00	PMV	4			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
8A	»BOUNDARY 7.8L	1.46	LAA	4	0	99	74
	B (G)2,4-D-ESTER	0.50	LAA	4			
	C»COC	1.00	PMV	4			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
9A	PROWL 3.3EC	1.24	LAA	4	0	99	82
	B (G)2,4-D-ESTER	0.50	LAA	4			
	C»COC	1.00	PMV	4			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
10A	»VALOR 50WG	0.063	LAA	4	0	99	77
	B CLASSIC 25WG	0.031	LAA	4			
	C»COC	1.00	PMV	4			
	D»RNDUP ULTRA MA	0.56	LAA	13			
	E»LIQUID AMS	2.50	PMV	13			
11A	»CANOPY XL 56.3	0.148	LAA	0	0	99	67
	B»AUTHORITY	0.125	LAA	4			
	C CLASSIC 25WG	0.025	LAA	4			
	D»COC	1.00	PMV	4			
	E»RNDUP ULTRA MA	0.56	LAA	13			
	F»LIQUID AMS	2.50	PMV	13			
12A	»VALOR 50WG	0.063	LAA	4	0	99	60
	B»COC	1.00	PMV	4			
	C»RNDUP ULTRA MA	0.56	LAA	13			
	D»LIQUID AMS	2.50	PMV	13			

DATA MEAN

TITLE: Soybean EPP Timings in Glyphosate Tolerant Soybeans SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR
		RATE	UNIT		CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
13A	»VALOR 50WG	0.053	LAA 4		0	99	94
	B»FIRSTRATE 84WG	0.031	LAA 4				
	C»COC	1.00	PMV 4				
	D»RNDUP ULTRA MA	0.56	LAA 13				
	E»LIQUID AMS	2.50	PMV 13				
14A	»DOMAIN 60DF	0.375	LAA 6		0	99	94
	B»RNDUP ULTRA MA	0.75	LAA 6				
	C»LIQUID AMS	2.50	PMV 6				
	D»RNDUP ULTRA MA	0.56	LAA 13				
	E»LIQUID AMS	2.50	PMV 13				
15A	»BOUNDARY 7.8L	1.22	LAA 6		0	99	89
	B»RNDUP ULTRA MA	0.75	LAA 6				
	C»LIQUID AMS	2.50	PMV 6				
	D»RNDUP ULTRA MA	0.56	LAA 13				
	E»LIQUID AMS	2.50	PMV 13				
16A	PROWL 3.3EC	1.03	LAA 6		0	99	92
	B»RNDUP ULTRA MA	0.75	LAA 6				
	C»LIQUID AMS	2.50	PMV 6				
	D»RNDUP ULTRA MA	0.56	LAA 13				
	E»LIQUID AMS	2.50	PMV 13				
17A	»VALOR 50WG	0.053	LAA 6		0	99	83
	B CLASSIC 25WG	0.015	LAA 6				
	C»COC	1.00	PMV 6				
	D»RNDUP ULTRA MA	0.56	LAA 13				
	E»LIQUID AMS	2.50	PMV 13				
18A	»CANOPY XL 56.3	0.148	LAA 0		0	99	80
	B»AUTHORITY	0.075	LAA 6				
	C CLASSIC 25WG	0.015	LAA 6				
	D»COC	1.00	PMV 6				
	E»RNDUP ULTRA MA	0.56	LAA 13				
	F»LIQUID AMS	2.50	PMV 13				
		LSD (0.05)			0.00	0.00	13.15
		STANDARD DEVIATION			0.00	0.00	6.51

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 03 = ----- / EPP 45DBP 04/10/2001 (1)
- 04 = ----- / EPP 30DBP 04/24/2001 (2)
- 06 = ----- / EPP 7DBP 05/17/2001 (3)
- 13 = ----- / LPOST

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
01	SETFA	CON %	05/24/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMBTR	CON %	05/24/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	06/26/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	SETFA	CON %	06/26/2001	02	P	SETFA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	AMBTR	CON %	06/26/2001	03	P	AMBTR	29	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	07/17/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBTR	CON %	07/17/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR

* STAGE CODE

- 19 = 9 OR MORE LEAVES UNFOLDED
- 29 = >8 SIDE SHOOTS/TILLERS VISIBLE