

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	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/17/01	AME
AIR TEMPERATURE	89	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLOUDY	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	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	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	IN
SOYBEAN ASGROW 2703 RR 05/14/2001	NA/01 0.00/0.00	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean SW-1500

CREATED: 05/08/2001 REVISED: 08/15/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

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	ABUTH	CHEAL	GLXMA	SETFA
		RATE	UNIT	TM	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 07/17/01	CON % 07/17/01
1A	COMMAND 3ME	0.75	LAA	9	0	98	97	99	0	93
2A»	COMMAND XTRA	0.00	LAA	0	0	97	97	99	0	87
	B COMMAND 3ME	0.60	LAA	9						
	C»SPARTAN 4L	0.30	LAA	9						
3A»	AUTHORITY	0.249	LAA	9	0	77	80	99	0	65
4A»	FIRSTRATE 84WG	0.031	LAA	9	0	25	95	98	0	35
5A»	GAUNTLET	0.00	LAA	0	0	70	98	99	0	48
	B»FIRSTRATE 84WG	0.031	LAA	9						
	C»SPARTAN 4L	0.248	LAA	9						
6A»	GAUNTLET	0.00	LAA	0	0	98	99	99	0	94
	B»FIRSTRATE 84WG	0.031	LAA	9						
	C»SPARTAN 4L	0.248	LAA	9						
	D COMMAND 3ME	0.75	LAA	9						
7A	PURSUIT +	0.91	LAA	9	3	98	98	99	0	92
8A»	DOMAIN 60DF	0.60	LAA	9	2	97	94	99	0	80
9A»	DOMAIN 60DF	1.08	LAA	9	7	98	94	99	0	87
10A»	BOUNDARY 7.8L	1.95	LAA	9	2	99	89	99	0	94
11A»	BOUNDARY 7.8L	1.56	LAA	9	0	98	87	99	0	80
12A»	BOUNDARY 7.8L	1.56	LAA	9	0	96	97	99	0	83
	B»GAUNTLET	0.00	LAA	0						
	C»FIRSTRATE 84WG	0.016	LAA	9						
	D»SPARTAN 4L	0.124	LAA	9						
13A»	BOUNDARY 7.8L	1.56	LAA	9	0	98	97	99	0	85
	B»CANOPY XL 56.3	0.07	LAA	0						
	C»AUTHORITY	0.058	LAA	9						
	D CLASSIC 25WG	0.012	LAA	9						
	E»AUTHORITY	0.094	LAA	9						
14A»	BOUNDARY 7.8L	1.95	LAA	9	2	98	98	99	0	85
	B»PYTHON 80WG	0.05	LAA	9						
15A»	DOMAIN 60DF	1.08	LAA	9	0	97	98	99	0	78
	B»PYTHON 80WG	0.05	LAA	9						
16A	PROWL 3.3EC	1.24	LAA	9	18	80	70	98	0	62
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A»	VALOR 50WG	0.094	LAA	9	13	73	94	99	0	35
19A»	VALOR 50WG	0.094	LAA	9	8	60	94	99	0	27
	B CLASSIC 25WG	0.04	LAA	9						
20A»	CANOPY XL 56.3	0.24	LAA	0	0	63	94	99	0	27
	B»AUTHORITY	0.20	LAA	9						
	C CLASSIC 25WG	0.04	LAA	9						
21A»	STEEL CP	0.97	LAA	9	5	99	98	99	0	93
22A	COMMAND 3ME	0.60	LAA	9	0	99	98	99	0	98
	B»BOUNDARY 7.8L	1.56	LAA	9						
		LSD (0.05)			5.12	6.83	4.95	1.15	0.00	13.76
		STANDARD DEVIATION			2.56	3.41	2.47	0.575	0.00	6.88

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean SW-1500
CREATED: 05/08/2001 **REVISED:** 08/15/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %
			TM	07/17/01	07/17/01
1A	COMMAND 3ME	0.75	LAA 9	87	99
2A»	COMMAND XTRA	0.00	LAA 0	88	99
	B COMMAND 3ME	0.60	LAA 9		
	C»SPARTAN 4L	0.30	LAA 9		
3A»	AUTHORITY	0.249	LAA 9	53	98
4A»	FIRSTRATE 84WG	0.031	LAA 9	83	60
5A»	GAUNTLET	0.00	LAA 0	91	93
	B»FIRSTRATE 84WG	0.031	LAA 9		
	C»SPARTAN 4L	0.248	LAA 9		
6A»	GAUNTLET	0.00	LAA 0	96	91
	B»FIRSTRATE 84WG	0.031	LAA 9		
	C»SPARTAN 4L	0.248	LAA 9		
	D COMMAND 3ME	0.75	LAA 9		
7A	PURSUIT +	0.91	LAA 9	98	99
8A»	DOMAIN 60DF	0.60	LAA 9	63	99
9A»	DOMAIN 60DF	1.08	LAA 9	74	96
10A»	BOUNDARY 7.8L	1.95	LAA 9	72	96
11A»	BOUNDARY 7.8L	1.56	LAA 9	67	91
12A»	BOUNDARY 7.8L	1.56	LAA 9	70	93
	B»GAUNTLET	0.00	LAA 0		
	C»FIRSTRATE 84WG	0.016	LAA 9		
	D»SPARTAN 4L	0.124	LAA 9		
13A»	BOUNDARY 7.8L	1.56	LAA 9	70	99
	B»CANOPY XL 56.3	0.07	LAA 0		
	C»AUTHORITY	0.058	LAA 9		
	D CLASSIC 25WG	0.012	LAA 9		
	E»AUTHORITY	0.094	LAA 9		
14A»	BOUNDARY 7.8L	1.95	LAA 9	94	99
	B»PYTHON 80WG	0.05	LAA 9		
15A»	DOMAIN 60DF	1.08	LAA 9	90	99
	B»PYTHON 80WG	0.05	LAA 9		
16A	PROWL 3.3EC	1.24	LAA 9	0	73
17A	CHECK	0.00	NA 0	0	0
18A»	VALOR 50WG	0.094	LAA 9	67	99
19A»	VALOR 50WG	0.094	LAA 9	70	99
	B CLASSIC 25WG	0.04	LAA 9		
20A»	CANOPY XL 56.3	0.24	LAA 0	75	99
	B»AUTHORITY	0.20	LAA 9		
	C CLASSIC 25WG	0.04	LAA 9		
21A»	STEEL CP	0.97	LAA 9	93	99
22A	COMMAND 3ME	0.60	LAA 9	93	98
	B»BOUNDARY 7.8L	1.56	LAA 9		
	LSD (0.05)			12.06	11.37
	STANDARD DEVIATION			6.00	5.69

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/17/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
01	GLXMA	CON %	06/21/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/21/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/21/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	06/21/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	07/17/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	07/17/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	CON %	07/17/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR