

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 30
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/17/01	06/21/01	AME
AIR TEMPERATURE	80	74	F
% REL.HUMIDITY	60	47	
WIND DIRECTION	SOUTHWEST	NORTH	
WIND SPEED	5.0	7.5	M/H
CLOUD COVER	CLOUDY	CLOUDY	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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	LOW/14 3.00/3.00	IN
RAGWEED, GIANT	NA/01 0.00/0.00	HGH/15 2.00/6.00	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	MED/18 3.00/3.00	IN
SOYBEAN ASGROW 2703 RR 05/14/2001	NA/01 0.00/0.00	NA/14 6.00/6.00	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	HGH/14 1.00/3.00	IN

* TIMING CODES

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

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

CREATED: 05/11/2001 REVISED: 08/16/2001

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			GLXMA	SETFA	AMBTR	ABUTH	GLXMA	SETFA
		RATE	UNIT	TM	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 07/02/01	CON % 07/02/01
1A	PENDIMAX 3.3L	1.24	LAA	9	0	88	81	86	0	83
B	FIRSTRATE 84WG	0.031	LAA	9						
2A	PENDIMAX 3.3L	1.24	LAA	9	0	78	79	90	0	74
B	FIRSTRATE 84WG	0.039	LAA	9						
3A	PENDIMAX 3.3L	1.24	LAA	9	0	87	82	94	0	79
B	CANOPY XL 56.3	0.24	LAA	0						
C	AUTHORITY	0.20	LAA	9						
D	CLASSIC 25WG	0.04	LAA	9						
4A	PENDIMAX 3.3L	1.24	LAA	9	0	81	77	90	0	77
B	CANOPY 75WG	0.28	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	PENDIMAX 3.3L	1.24	LAA	9	0	86	8	13	2	75
B	FIRSTRATE 84WG	0.008	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
7A	PENDIMAX 3.3L	1.24	LAA	9	0	79	7	7	2	78
B	FIRSTRATE 84WG	0.016	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
8A	PENDIMAX 3.3L	1.24	LAA	9	0	79	10	5	17	94
B	FIRSTRATE 84WG	0.016	LAA	12						
C	FLEXSTAR 1.88M	0.235	LAA	12						
D	COC	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
9A	PENDIMAX 3.3L	1.24	LAA	9	0	84	8	12	15	98
B	FLEXSTAR 1.88M	0.235	LAA	12						
C	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
10A	PENDIMAX 3.3L	1.24	LAA	9	0	85	0	7	32	88
B	COBRA 2EC	0.188	LAA	12						
C	COC	1.00	PMV	12						
11A	PROWL 3.3EC	1.24	LAA	9	0	86	3	3	23	83
B	ULTRA BLAZER	0.31	LAA	12						
C	COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
12A	PROWL 3.3EC	1.24	LAA	9	0	81	8	7	10	94
B	RAPTOR 1AS	0.039	LAA	12						
C	MSO	1.00	PMV	12						
D	LIQUID AMS	3.67	PMV	12						
13A	PROWL 3.3EC	1.24	LAA	9	0	80	8	8	25	98
B	RAPTOR 1AS	0.031	LAA	12						
C	ULTRA BLAZER	0.125	LAA	12						
D	FIRSTRATE 84WG	0.016	LAA	12						
E	MSO	1.00	PMV	12						
F	LIQUID AMS	3.67	PMV	12						
14A	PROWL 3.3EC	1.24	LAA	9	0	80	7	10	22	98
B	RAPTOR 1AS	0.031	LAA	12						
C	ULTRA BLAZER	0.188	LAA	12						
D	FIRSTRATE 84WG	0.016	LAA	12						
E	MSO	1.00	PMV	12						
F	LIQUID AMS	3.67	PMV	12						
15A	FIRSTRATE 84WG	0.039	LAA	9	0	30	85	77	0	99
B	GLYPHOMAX PLUS	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR	ABUTH	GLXMA	SETFA
		RATE	UNIT		CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 07/02/01	CON % 07/02/01
16A	FIRSTRATE 84WG	0.016	LAA	12	0	0	0	0	3	99
	B»GLYPHOMAX PLUS	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
17A	GLYPHOMAX PLUS	0.75	LAA	12	0	0	0	0	3	99
	B»LIQUID AMS	5.00	PMV	12						
18A	FIRSTRATE 84WG	0.016	LAA	12	0	0	0	0	28	92
	B COBRA 2EC	0.094	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E»LIQUID AMS	5.00	PMV	12						
19A	PYTHON 80WG	0.05	LAA	9	0	28	38	62	3	88
	B»AUTHORITY	0.094	LAA	9						
	C»FIRSTRATE 84WG	0.016	LAA	12						
	D SELECT (2EC)	0.094	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	5.00	PMV	12						
20A	RAPTOR 1AS	0.039	LAA	12	0	0	0	0	10	87
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
		LSD (0.05)			0.00	9.17	14.38	12.18	5.53	6.00
		STANDARD DEVIATION			0.00	4.54	7.12	6.00	2.74	3.00

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

CREATED: 05/11/2001 REVISED: 08/16/2001

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			AMBTR	ABUTH	CHEAL	GLXMA	SETFA	AMBTR
		RATE	UNIT	TM	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
1A	PENDIMAX 3.3L	1.24	LAA	9	73	96	99	0	86	68
B	FIRSTRATE 84WG	0.031	LAA	9						
2A	PENDIMAX 3.3L	1.24	LAA	9	73	95	99	0	81	71
B	FIRSTRATE 84WG	0.039	LAA	9						
3A	PENDIMAX 3.3L	1.24	LAA	9	68	93	99	0	77	73
B	CANOPY XL 56.3	0.24	LAA	0						
C	AUTHORITY	0.20	LAA	9						
D	CLASSIC 25WG	0.04	LAA	9						
4A	PENDIMAX 3.3L	1.24	LAA	9	63	95	99	0	82	48
B	CANOPY 75WG	0.28	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	PENDIMAX 3.3L	1.24	LAA	9	81	97	94	0	73	87
B	FIRSTRATE 84WG	0.008	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
7A	PENDIMAX 3.3L	1.24	LAA	9	82	96	88	0	80	86
B	FIRSTRATE 84WG	0.016	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
8A	PENDIMAX 3.3L	1.24	LAA	9	99	99	99	0	85	90
B	FIRSTRATE 84WG	0.016	LAA	12						
C	FLEXSTAR 1.88M	0.235	LAA	12						
D	COC	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
9A	PENDIMAX 3.3L	1.24	LAA	9	96	99	99	0	86	86
B	FLEXSTAR 1.88M	0.235	LAA	12						
C	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
10A	PENDIMAX 3.3L	1.24	LAA	9	96	99	99	0	87	87
B	COBRA 2EC	0.188	LAA	12						
C	COC	1.00	PMV	12						
11A	PROWL 3.3EC	1.24	LAA	9	93	98	99	0	86	80
B	ULTRA BLAZER	0.31	LAA	12						
C	COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
12A	PROWL 3.3EC	1.24	LAA	9	82	98	99	0	98	83
B	RAPTOR 1AS	0.039	LAA	12						
C	MSO	1.00	PMV	12						
D	LIQUID AMS	3.67	PMV	12						
13A	PROWL 3.3EC	1.24	LAA	9	96	99	99	0	95	93
B	RAPTOR 1AS	0.031	LAA	12						
C	ULTRA BLAZER	0.125	LAA	12						
D	FIRSTRATE 84WG	0.016	LAA	12						
E	MSO	1.00	PMV	12						
F	LIQUID AMS	3.67	PMV	12						
14A	PROWL 3.3EC	1.24	LAA	9	95	98	99	0	99	94
B	RAPTOR 1AS	0.031	LAA	12						
C	ULTRA BLAZER	0.188	LAA	12						
D	FIRSTRATE 84WG	0.016	LAA	12						
E	MSO	1.00	PMV	12						
F	LIQUID AMS	3.67	PMV	12						
15A	FIRSTRATE 84WG	0.039	LAA	9	98	99	99	0	99	93
B	GLYPHOMAX PLUS	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	ABUTH	CHEAL	GLXMA	SETFA	AMBTR
		RATE	UNIT		CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
16A	FIRSTRATE 84WG	0.016	LAA	12	88	99	96	0	98	93
	B»GLYPHOMAX PLUS	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
17A	GLYPHOMAX PLUS	0.75	LAA	12	88	98	96	0	98	91
	B»LIQUID AMS	5.00	PMV	12						
18A	FIRSTRATE 84WG	0.016	LAA	12	97	99	87	0	98	94
	B COBRA 2EC	0.094	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E»LIQUID AMS	5.00	PMV	12						
19A	PYTHON 80WG	0.05	LAA	9	83	99	98	0	95	91
	B»AUTHORITY	0.094	LAA	9						
	C»FIRSTRATE 84WG	0.016	LAA	12						
	D SELECT (2EC)	0.094	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	5.00	PMV	12						
20A	RAPTOR 1AS	0.039	LAA	12	82	96	95	0	96	95
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
		LSD (0.05)			6.83	2.81	5.29	0.00	7.95	13.05
		STANDARD DEVIATION			3.38	1.39	2.62	0.00	3.93	6.46

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

CREATED: 05/11/2001 REVISED: 08/16/2001

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	TREATMENT	DOSAGE		ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %
			TM	07/17/01	07/17/01
1A	PENDIMAX 3.3L	1.24	LAA 9	87	92
B	FIRSTRATE 84WG	0.031	LAA 9		
2A	PENDIMAX 3.3L	1.24	LAA 9	86	92
B	FIRSTRATE 84WG	0.039	LAA 9		
3A	PENDIMAX 3.3L	1.24	LAA 9	86	96
B	CANOPY XL 56.3	0.24	LAA 0		
C	AUTHORITY	0.20	LAA 9		
D	CLASSIC 25WG	0.04	LAA 9		
4A	PENDIMAX 3.3L	1.24	LAA 9	87	91
B	CANOPY 75WG	0.28	LAA 9		
5A	CHECK	0.00	NA 0	0	0
6A	PENDIMAX 3.3L	1.24	LAA 9	84	87
B	FIRSTRATE 84WG	0.008	LAA 12		
C	ACTIVATOR 90	0.25	PMV 12		
D	28% UAN	2.50	PMV 12		
7A	PENDIMAX 3.3L	1.24	LAA 9	87	79
B	FIRSTRATE 84WG	0.016	LAA 12		
C	ACTIVATOR 90	0.25	PMV 12		
D	28% UAN	2.50	PMV 12		
8A	PENDIMAX 3.3L	1.24	LAA 9	91	92
B	FIRSTRATE 84WG	0.016	LAA 12		
C	FLEXSTAR 1.88M	0.235	LAA 12		
D	COC	1.00	PMV 12		
E	28% UAN	2.50	PMV 12		
9A	PENDIMAX 3.3L	1.24	LAA 9	90	91
B	FLEXSTAR 1.88M	0.235	LAA 12		
C	MSO	1.00	PMV 12		
D	28% UAN	2.50	PMV 12		
10A	PENDIMAX 3.3L	1.24	LAA 9	86	88
B	COBRA 2EC	0.188	LAA 12		
C	COC	1.00	PMV 12		
11A	PROWL 3.3EC	1.24	LAA 9	90	95
B	ULTRA BLAZER	0.31	LAA 12		
C	COC	1.00	PMV 12		
D	28% UAN	2.50	PMV 12		
12A	PROWL 3.3EC	1.24	LAA 9	90	98
B	RAPTOR 1AS	0.039	LAA 12		
C	MSO	1.00	PMV 12		
D	LIQUID AMS	3.67	PMV 12		
13A	PROWL 3.3EC	1.24	LAA 9	96	97
B	RAPTOR 1AS	0.031	LAA 12		
C	ULTRA BLAZER	0.125	LAA 12		
D	FIRSTRATE 84WG	0.016	LAA 12		
E	MSO	1.00	PMV 12		
F	LIQUID AMS	3.67	PMV 12		
14A	PROWL 3.3EC	1.24	LAA 9	96	95
B	RAPTOR 1AS	0.031	LAA 12		
C	ULTRA BLAZER	0.188	LAA 12		
D	FIRSTRATE 84WG	0.016	LAA 12		
E	MSO	1.00	PMV 12		
F	LIQUID AMS	3.67	PMV 12		
15A	FIRSTRATE 84WG	0.039	LAA 9	98	98
B	GLYPHOMAX PLUS	0.75	LAA 12		
C	LIQUID AMS	5.00	PMV 12		

DATA MEAN

TITLE: DSOYGRW GIANT RAGWEED CONTROL IN SOYBEAN SW-1600

TRT	TREATMENT	DOSAGE	ABUTH	CHEAL
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	07/17/01	07/17/01
16A	FIRSTRATE 84WG	0.016	LAA 12	95
	B>GLYPHOMAX PLUS	0.75	LAA 12	
	C>LIQUID AMS	5.00	PMV 12	90
17A	GLYPHOMAX PLUS	0.75	LAA 12	90
	B>LIQUID AMS	5.00	PMV 12	91
18A	FIRSTRATE 84WG	0.016	LAA 12	97
	B COBRA 2EC	0.094	LAA 12	
	C SELECT (2EC)	0.094	LAA 12	
	D>COC	1.00	PMV 12	
	E>LIQUID AMS	5.00	PMV 12	84
19A	PYTHON 80WG	0.05	LAA 9	96
	B>AUTHORITY	0.094	LAA 9	
	C>FIRSTRATE 84WG	0.016	LAA 12	
	D SELECT (2EC)	0.094	LAA 12	
	E>COC	1.00	PMV 12	
	F>LIQUID AMS	5.00	PMV 12	96
20A	RAPTOR 1AS	0.039	LAA 12	97
	B>FIRSTRATE 84WG	0.016	LAA 12	
	C>MSO	1.00	PMV 12	
	D>LIQUID AMS	3.67	PMV 12	93
		LSD (0.05)	7.83	8.25
		STANDARD DEVIATION	3.87	4.08

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/17/2001(1)
 12 = ----- / POST 06/21/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/21/2001	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/21/2001	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBTR	CON %	06/21/2001	03	P	AMBTR	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ABUTH	CON %	06/21/2001	04	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	07/02/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	07/02/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	AMBTR	CON %	07/02/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ABUTH	CON %	07/02/2001	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/02/2001	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	SETFA	CON %	07/17/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMBTR	CON %	07/17/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	ABUTH	CON %	07/17/2001	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	CHEAL	CON %	07/17/2001	05	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
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED