

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	81	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/13 1.00/2.00	IN
RAGWEED, GIANT	NA/01 0.00/0.00	HGH/18 4.00/8.00	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	HGH/15 1.00/1.00	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/15 1.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Sequential herbicide programs 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	ABUTH	CHEAL	AMBTR	GLXMA
		RATE	UNIT	TM	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 07/02/01
1A	PROWL 3.3EC	1.24	LAA	9	0	85	5	3	13	5
	B»RAPTOR 1AS	0.039	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
2A	PROWL 3.3EC	1.24	LAA	9	0	85	3	3	8	15
	B»RAPTOR 1AS	0.031	LAA	12						
	C»ULTRA BLAZER	0.125	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
3A	PROWL 3.3EC	1.24	LAA	9	0	87	3	5	17	17
	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						
4A	PROWL 3.3EC	1.24	LAA	9	0	85	3	7	2	5
	B»RAPTOR 1AS	0.031	LAA	12						
	C»FIRSTRATE 84WG	0.016	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
5A»	BOUNDARY 7.8L	1.56	LAA	9	0	84	27	37	23	10
	B»FLEXSTAR 1.88M	0.156	LAA	12						
	C FUSION	0.21	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
6A»	BOUNDARY 7.8L	1.95	LAA	9	0	88	59	40	32	8
	B»FLEXSTAR 1.88M	0.156	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A»	DOMAIN 60DF	0.49	LAA	9	0	78	40	45	15	5
	B»RAPTOR 1AS	0.031	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A»	DOMAIN 60DF	0.49	LAA	9	0	76	32	38	15	18
	B SELECT (2EC)	0.094	LAA	12						
	C COBRA 2EC	0.094	LAA	12						
	D»COC	0.63	PMV	12						
	E»LIQUID AMS	5.00	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	PENDIMAX 3.3L	1.24	LAA	9	0	86	3	3	10	17
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	0.63	PMV	12						
	F»LIQUID AMS	3.67	PMV	12						
11A»	PYTHON 80WG	0.05	LAA	9	0	52	82	83	53	12
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	0.63	PMV	12						
	F»LIQUID AMS	3.67	PMV	12						
12A»	VALOR 50WG	0.063	LAA	9	0	62	67	65	27	0
	B SELECT (2EC)	0.125	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						

DATA MEAN

TITLE: Sequential herbicide programs in Soybean SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	ABUTH	CHEAL	AMBTR	GLXMA
		RATE	UNIT TM	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 07/02/01
13A»	VALOR 50WG	0.063	LAA 9	0	68	70	77	27	20
	B SELECT (2EC)	0.125	LAA 12						
	C COBRA 2EC	0.094	LAA 12						
	D»COC	1.00	PMV 12						
	E 28% UAN	2.50	PMV 12						
14A»	CANOPY XL 56.3	0.148	LAA 0	0	63	80	83	64	0
	B»AUTHORITY	0.123	LAA 9						
	C CLASSIC 25WG	0.025	LAA 9						
	D SELECT (2EC)	0.125	LAA 12						
	E»COC	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
			LSD (0.05)	0.00	12.77	18.57	15.85	19.69	4.08
			STANDARD DEVIATION	0.00	6.21	9.00	7.71	9.58	2.00

DATA MEAN

TITLE: Sequential herbicide programs 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			SETFA	ABUTH	CHEAL	AMBTR	GLXMA	SETFA
		RATE	UNIT	TM	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/17/01	CON % 07/17/01
1A	PROWL 3.3EC	1.24	LAA	9	99	99	99	82	0	99
	B»RAPTOR 1AS	0.039	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
2A	PROWL 3.3EC	1.24	LAA	9	99	99	99	96	0	99
	B»RAPTOR 1AS	0.031	LAA	12						
	C»ULTRA BLAZER	0.125	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
3A	PROWL 3.3EC	1.24	LAA	9	99	99	99	98	0	99
	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						
4A	PROWL 3.3EC	1.24	LAA	9	99	99	99	80	0	99
	B»RAPTOR 1AS	0.031	LAA	12						
	C»FIRSTRATE 84WG	0.016	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
5A»	BOUNDARY 7.8L	1.56	LAA	9	99	99	99	88	0	99
	B»FLEXSTAR 1.88M	0.156	LAA	12						
	C FUSION	0.21	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
6A»	BOUNDARY 7.8L	1.95	LAA	9	99	99	99	96	0	98
	B»FLEXSTAR 1.88M	0.156	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A»	DOMAIN 60DF	0.49	LAA	9	99	99	99	80	0	99
	B»RAPTOR 1AS	0.031	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A»	DOMAIN 60DF	0.49	LAA	9	99	99	99	97	0	98
	B SELECT (2EC)	0.094	LAA	12						
	C COBRA 2EC	0.094	LAA	12						
	D»COC	0.63	PMV	12						
	E»LIQUID AMS	5.00	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	PENDIMAX 3.3L	1.24	LAA	9	99	99	99	97	0	99
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	0.63	PMV	12						
	F»LIQUID AMS	3.67	PMV	12						
11A»	PYTHON 80WG	0.05	LAA	9	99	99	99	99	0	95
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	0.63	PMV	12						
	F»LIQUID AMS	3.67	PMV	12						
12A»	VALOR 50WG	0.063	LAA	9	99	86	95	33	0	98
	B SELECT (2EC)	0.125	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						

DATA MEAN

TITLE: Sequential herbicide programs in Soybean SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	ABUTH	CHEAL	AMBTR	GLXMA	SETFA
		RATE	UNIT TM	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/17/01	CON % 07/17/01
13A»	VALOR 50WG	0.063	LAA 9	99	99	99	95	0	99
	B SELECT (2EC)	0.125	LAA 12						
	C COBRA 2EC	0.094	LAA 12						
	D»COC	1.00	PMV 12						
	E 28% UAN	2.50	PMV 12						
14A»	CANOPY XL 56.3	0.148	LAA 0	99	96	99	60	0	99
	B»AUTHORITY	0.123	LAA 9						
	C CLASSIC 25WG	0.025	LAA 9						
	D SELECT (2EC)	0.125	LAA 12						
	E»COC	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
			LSD (0.05)	0.00	5.87	2.00	8.86	0.00	2.72
			STANDARD DEVIATION	0.00	2.86	1.00	4.31	0.00	1.32

DATA MEAN

TITLE: Sequential herbicide programs 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		TM	ABUTH	CHEAL	AMBTR
		RATE	UNIT		CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
1A	PROWL 3.3EC	1.24	LAA	9	97	96	84
	B»RAPTOR 1AS	0.039	LAA	12			
	C»MSO	1.00	PMV	12			
	D»LIQUID AMS	3.67	PMV	12			
2A	PROWL 3.3EC	1.24	LAA	9	95	97	88
	B»RAPTOR 1AS	0.031	LAA	12			
	C»ULTRA BLAZER	0.125	LAA	12			
	D»MSO	1.00	PMV	12			
	E»LIQUID AMS	3.67	PMV	12			
3A	PROWL 3.3EC	1.24	LAA	9	98	98	96
	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			
4A	PROWL 3.3EC	1.24	LAA	9	98	97	89
	B»RAPTOR 1AS	0.031	LAA	12			
	C»FIRSTRATE 84WG	0.016	LAA	12			
	D»MSO	1.00	PMV	12			
	E»LIQUID AMS	3.67	PMV	12			
5A»	BOUNDARY 7.8L	1.56	LAA	9	94	96	75
	B»FLEXSTAR 1.88M	0.156	LAA	12			
	C FUSION	0.21	LAA	12			
	D»MSO	1.00	PMV	12			
	E 28% UAN	2.50	PMV	12			
6A»	BOUNDARY 7.8L	1.95	LAA	9	94	95	93
	B»FLEXSTAR 1.88M	0.156	LAA	12			
	C»MSO	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			
7A»	DOMAIN 60DF	0.49	LAA	9	95	98	82
	B»RAPTOR 1AS	0.031	LAA	12			
	C»MSO	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			
8A»	DOMAIN 60DF	0.49	LAA	9	97	94	84
	B SELECT (2EC)	0.094	LAA	12			
	C COBRA 2EC	0.094	LAA	12			
	D»COC	0.63	PMV	12			
	E»LIQUID AMS	5.00	PMV	12			
9A	CHECK	0.00	NA	0	0	0	0
10A»	PENDIMAX 3.3L	1.24	LAA	9	95	92	93
	B»FIRSTRATE 84WG	0.016	LAA	12			
	C SELECT (2EC)	0.094	LAA	12			
	D COBRA 2EC	0.094	LAA	12			
	E»COC	0.63	PMV	12			
	F»LIQUID AMS	3.67	PMV	12			
11A»	PYTHON 80WG	0.05	LAA	9	97	97	94
	B»FIRSTRATE 84WG	0.016	LAA	12			
	C SELECT (2EC)	0.094	LAA	12			
	D COBRA 2EC	0.094	LAA	12			
	E»COC	0.63	PMV	12			
	F»LIQUID AMS	3.67	PMV	12			
12A»	VALOR 50WG	0.063	LAA	9	91	91	28
	B SELECT (2EC)	0.125	LAA	12			
	C»COC	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			

DATA MEAN

TITLE: Sequential herbicide programs in Soybean SW-1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	CHEAL	AMBTR
		RATE	UNIT		CON % 07/17/01	CON % 07/17/01	CON % 07/17/01
13A	»VALOR 50WG	0.063	LAA 9		97	95	82
	B SELECT (2EC)	0.125	LAA 12				
	C COBRA 2EC	0.094	LAA 12				
	D»COC	1.00	PMV 12				
	E 28% UAN	2.50	PMV 12				
14A	»CANOPY XL 56.3	0.148	LAA 0		95	95	48
	B»AUTHORITY	0.123	LAA 9				
	C CLASSIC 25WG	0.025	LAA 9				
	D SELECT (2EC)	0.125	LAA 12				
	E»COC	1.00	PMV 12				
	F 28% UAN	2.50	PMV 12				
LSD (0.05)					5.22	5.07	11.61
STANDARD DEVIATION					2.54	2.46	5.65

» = 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	CTR1	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	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/21/2001	04	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	06/21/2001	05	P	CHEAL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	AMBTR	CON %	06/21/2001	03	P	AMBTR	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	GLXMA	CON %	07/02/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	07/02/2001	02	P	SETFA		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	AMBTR	CON %	07/02/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	SETFA	CON %	07/17/2001	02	P	SETFA		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
15	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

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED