

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SCL
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	07 09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/16/00	06/15/00	AME
AIR TEMPERATURE	74	75	F
% REL.HUMIDITY	60	55	
WIND DIRECTION	SOUTH	SOUTHWEST	
WIND SPEED	3.0	8.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	WET/WET	
SOIL CONDITION	FRIABLE	NA/UNKNOW	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE	05/16/00		AME
INC. START	13:15		24H
INC. END	13:45		24H
INC. DEPTH	2		IN
INC. EQUIPMENT	CULTFIELD	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		HGH/14	
PIONEER 93B01		4.00/4.00	IN
05/16/2000			
*** PEST ***			
PIGWEEED, REDROOT		MED/14	
		3.00/3.00	IN
RAGWEED, GIANT		HGH/19	
		5.00/5.00	IN
LAMBSQUARTERS, C		HGH/16	
		2.00/2.00	IN
FOXTAIL, GIANT		MED/14	
		3.00/3.00	IN

* TIMING CODES

07 = ----- / PREPLANT INCORPORATED
 09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600
CREATED: 05/14/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMBTR	SETFA	GLXMA	AMBTR	CHEAL
		RATE	UNIT		06/07/00	06/07/00	06/07/00	06/30/00	06/30/00	06/30/00
1A	TREFLAN 4EC	1.00	LAA	7	0	43	93	0	17	62
	B»FIRSTRATE 84WG	0.031	LAA	7						
2A	TREFLAN 4EC	1.00	LAA	7	0	52	93	2	47	85
	B»FIRSTRATE 84WG	0.039	LAA	7						
3A	TREFLAN 4EC	1.00	LAA	7	0	57	93	0	50	90
	B»CANOPY XL 56.3	0.24	LAA	0						
	C»AUTHORITY	0.20	LAA	7						
	D CLASSIC 25WG	0.04	LAA	7						
4A	TREFLAN 4EC	1.00	LAA	7	0	68	95	2	63	96
	B CANOPY 75WG	0.28	LAA	7						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	TREFLAN 4EC	1.00	LAA	7	0	37	88	2	89	20
	B»FIRSTRATE 84WG	0.008	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	TREFLAN 4EC	1.00	LAA	7	0	40	87	3	87	23
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A	TREFLAN 4EC	1.00	LAA	7	0	50	92	10	97	73
	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	TREFLAN 4EC	1.00	LAA	7	0	42	92	17	96	81
	B»FLEXSTAR 1.88M	0.294	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
10A	TREFLAN 4EC	1.00	LAA	7	0	33	88	27	94	88
	B COBRA 2EC	0.188	LAA	12						
	C»COC	1.00	PMV	12						
11A	TREFLAN 4EC	1.00	LAA	7						
	B»ULTRA BLAZER	0.031	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	PROWL 3.3EC	1.36	LAA	7	0	52	92	8	82	99
	B»RAPTOR 1AS	0.039	LAA	12						
	C»MSO	1.00	PMV	12						
	D AM. SULFATE	12.50	PMG	12						
13A»	FIRSTRATE 84WG	0.031	LAA	9	0	77	0	0	92	90
	B»GLYPHOMAX PLUS	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
14A»	FIRSTRATE 84WG	0.039	LAA	9	0	88	0	2	96	90
	B»GLYPHOMAX PLUS	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
15A»	FIRSTRATE 84WG	0.016	LAA	12				12	97	57
	B SELECT (2EC)	0.094	LAA	12						
	C»FLEXSTAR 1.88M	0.235	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A»	GLYPHOMAX PLUS	0.56	LAA	12				0	89	90
	B AM. SULFATE	8.50	PMG	12						

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMBTR	SETFA	GLXMA	AMBTR	CHEAL
		RATE	UNIT	TM	06/07/00	06/07/00	06/07/00	06/30/00	06/30/00	06/30/00
17A	»GLYPHOMAX PLUS	0.56	LAA	12				0	90	88
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D AM. SULFATE	8.50	PMG	12						
18A	»RAPTOR 1AS	0.039	LAA	12				12	89	77
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»MSO	1.00	PMV	12						
	D AM. SULFATE	12.50	PMG	12						
		LSD (0.05)			0.00	16.92	5.89	5.22	10.10	14.43
		STANDARD DEVIATION			0.00	8.37	2.91	2.58	5.00	7.14

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600
CREATED: 05/14/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMARE	SETFA	GLXMA	AMBTR	CHEAL	AMARE
		RATE	UNIT		06/30/00	06/30/00	07/12/00	07/12/00	07/12/00	07/12/00
1A	TREFLAN 4EC	1.00	LAA	7	76	75	0	37	88	89
	B»FIRSTRATE 84WG	0.031	LAA	7						
2A	TREFLAN 4EC	1.00	LAA	7	96	81	0	33	92	99
	B»FIRSTRATE 84WG	0.039	LAA	7						
3A	TREFLAN 4EC	1.00	LAA	7	99	80	0	43	86	99
	B»CANOPY XL 56.3	0.24	LAA	0						
	C»AUTHORITY	0.20	LAA	7						
	D CLASSIC 25WG	0.04	LAA	7						
4A	TREFLAN 4EC	1.00	LAA	7	99	87	0	35	91	99
	B CANOPY 75WG	0.28	LAA	7						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	TREFLAN 4EC	1.00	LAA	7	81	57	0	82	57	94
	B»FIRSTRATE 84WG	0.008	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	TREFLAN 4EC	1.00	LAA	7	85	58	0	82	66	90
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A	TREFLAN 4EC	1.00	LAA	7	96	86	0	85	80	99
	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	TREFLAN 4EC	1.00	LAA	7	99	87	0	83	89	98
	B»FLEXSTAR 1.88M	0.294	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
10A	TREFLAN 4EC	1.00	LAA	7	99	79	7	78	78	99
	B COBRA 2EC	0.188	LAA	12						
	C»COC	1.00	PMV	12						
11A	TREFLAN 4EC	1.00	LAA	7						
	B»ULTRA BLAZER	0.031	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	PROWL 3.3EC	1.36	LAA	7	99	98	0	75	98	99
	B»RAPTOR 1AS	0.039	LAA	12						
	C»MSO	1.00	PMV	12						
	D AM. SULFATE	12.50	PMG	12						
13A»	FIRSTRATE 84WG	0.031	LAA	9	99	98	0	97	97	99
	B»GLYPHOMAX PLUS	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
14A»	FIRSTRATE 84WG	0.039	LAA	9	99	99	0	97	99	99
	B»GLYPHOMAX PLUS	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
15A»	FIRSTRATE 84WG	0.016	LAA	12	99	99	0	87	63	99
	B SELECT (2EC)	0.094	LAA	12						
	C»FLEXSTAR 1.88M	0.235	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A»	GLYPHOMAX PLUS	0.56	LAA	12	99	98	0	95	99	99
	B AM. SULFATE	8.50	PMG	12						

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMARE	SETFA	GLXMA	AMBTR	CHEAL	AMARE
		RATE	UNIT TM	06/30/00	06/30/00	07/12/00	07/12/00	07/12/00	07/12/00
17A»	GLYPHOMAX PLUS	0.56	LAA 12	99	99	0	95	99	99
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D	AM. SULFATE	8.50	PMG 12						
18A»	RAPTOR 1AS	0.039	LAA 12	99	99	0	83	92	98
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	MSO	1.00	PMV 12						
D	AM. SULFATE	12.50	PMG 12						
			LSD (0.05)	12.40	9.06	1.16	12.82	11.13	8.12
			STANDARD DEVIATION	6.13	4.48	0.572	6.34	5.51	4.00

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600
CREATED: 05/14/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA 07/12/00
		RATE	UNIT		
1A	TREFLAN 4EC	1.00	LAA	7	77
	B»FIRSTRATE 84WG	0.031	LAA	7	
2A	TREFLAN 4EC	1.00	LAA	7	82
	B»FIRSTRATE 84WG	0.039	LAA	7	
3A	TREFLAN 4EC	1.00	LAA	7	78
	B»CANOPY XL 56.3	0.24	LAA	0	
	C»AUTHORITY	0.20	LAA	7	
	D CLASSIC 25WG	0.04	LAA	7	
4A	TREFLAN 4EC	1.00	LAA	7	78
	B CANOPY 75WG	0.28	LAA	7	
5A	CHECK	0.00	NA	0	0
6A	TREFLAN 4EC	1.00	LAA	7	65
	B»FIRSTRATE 84WG	0.008	LAA	12	
	C»ACTIVATOR 90	0.25	PMV	12	
	D 28% UAN	2.50	PMV	12	
7A	TREFLAN 4EC	1.00	LAA	7	65
	B»FIRSTRATE 84WG	0.016	LAA	12	
	C»ACTIVATOR 90	0.25	PMV	12	
	D 28% UAN	2.50	PMV	12	
8A	TREFLAN 4EC	1.00	LAA	7	77
	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	TREFLAN 4EC	1.00	LAA	7	87
	B»FLEXSTAR 1.88M	0.294	LAA	12	
	C»MSO	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
10A	TREFLAN 4EC	1.00	LAA	7	79
	B COBRA 2EC	0.188	LAA	12	
	C»COC	1.00	PMV	12	
11A	TREFLAN 4EC	1.00	LAA	7	
	B»ULTRA BLAZER	0.031	LAA	12	
	C»COC	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
12A	PROWL 3.3EC	1.36	LAA	7	98
	B»RAPTOR 1AS	0.039	LAA	12	
	C»MSO	1.00	PMV	12	
	D AM. SULFATE	12.50	PMG	12	
13A»	FIRSTRATE 84WG	0.031	LAA	9	99
	B»GLYPHOMAX PLUS	0.56	LAA	12	
	C AM. SULFATE	8.50	PMG	12	
14A»	FIRSTRATE 84WG	0.039	LAA	9	99
	B»GLYPHOMAX PLUS	0.56	LAA	12	
	C AM. SULFATE	8.50	PMG	12	
15A»	FIRSTRATE 84WG	0.016	LAA	12	94
	B SELECT (2EC)	0.094	LAA	12	
	C»FLEXSTAR 1.88M	0.235	LAA	12	
	D»COC	1.00	PMV	12	
	E 28% UAN	2.50	PMV	12	
16A»	GLYPHOMAX PLUS	0.56	LAA	12	99
	B AM. SULFATE	8.50	PMG	12	

TITLE: DSGRAGCON GIANT RAGWEED CONTROL IN SOYBEAN SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA
		RATE	UNIT		
17A	GLYPHOMAX PLUS	0.56	LAA	12	99
	B>FIRSTRATE 84WG	0.016	LAA	12	
	C>ACTIVATOR 90	0.25	PMV	12	
	D AM. SULFATE	8.50	PMG	12	
18A	RAPTOR 1AS	0.039	LAA	12	97
	B>FIRSTRATE 84WG	0.016	LAA	12	
	C>MSO	1.00	PMV	12	
	D AM. SULFATE	12.50	PMG	12	
		LSD (0.05)			5.52
		STANDARD DEVIATION			2.73

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 07 = ----- / PREPLANT INCORPORATED 05/16/2000(1)
 09 = ----- / PREEMERGENCE 05/16/2000(1)
 12 = ----- / POST 06/15/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA		06/07/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR		06/07/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA		06/07/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA		06/30/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR		06/30/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL		06/30/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMARE		06/30/2000	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/30/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA		07/12/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBTR		07/12/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL		07/12/2000	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMARE		07/12/2000	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA		07/12/2000	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B01