

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/08/04	06/23/04	09/09/99	AME
AIR TEMPERATURE	86	74	70	F
% REL.HUMIDITY	77	85	78	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	NORTHWEST	
WIND SPEED	15.0	15.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	---	NO	
SOIL MOISTURE	DRY/MOIST	---	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN		---/12		
ASGROW 2703 RR		3.00/3.00		IN
06/07/2004				
*** PEST ***				
RAGWEED, GIANT		---/12		
		4.00/4.00		IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE

TITLE: Effect of application timing on giant ragweed control systems in soybean SW-1600

CREATED: 05/20/2004 REVISED: 12/10/2004

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			GLXMA	AMBTR	GLXMA	AMBTR	GLXMA	AMBTR
		RATE	UNIT	TM	CON % 06/22/04	CON % 06/22/04	CON % 07/14/04	CON % 07/14/04	CON % 08/10/04	CON % 08/10/04
1A»	FIRSTRATE 84WG	0.032	LAA	9	0	75	0	0	0	0
B»	BOUNDARY 6.5EC	2.19	LAA	9						
2A»	FIRSTRATE 84WG	0.032	LAA	9	0	75	0	0	0	0
B	COMMAND 3ME	0.75	LAA	9						
3A»	WEATHERMAX 4.5	0.75	LAA	11	0		0	70	0	65
B»	LIQUID AMS	2.50	PMV	11						
4A	COBRA 2EC	0.188	LAA	11	0		0	50	0	17
B	SELECT (2EC)	0.125	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
5A»	FIRSTRATE 84WG	0.016	LAA	11	0		0	80	0	76
B»	RAPTOR 1AS	0.039	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	WEATHERMAX 4.5	0.75	LAA	12	0		0	90	0	90
B»	LIQUID AMS	2.50	PMV	12						
8A	COBRA 2EC	0.188	LAA	12	0		0	70	0	65
B	SELECT (2EC)	0.125	LAA	12						
C»	COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
9A»	FIRSTRATE 84WG	0.016	LAA	12	0		0	90	0	80
B»	RAPTOR 1AS	0.039	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
10A»	WEATHERMAX 4.5	0.75	LAA	13	0		0	85	0	84
B»	LIQUID AMS	2.50	PMV	13						
11A	COBRA 2EC	0.188	LAA	13	0		0	50	0	52
B	SELECT (2EC)	0.125	LAA	13						
C»	COC	1.00	PMV	13						
D	28% UAN	2.50	PMV	13						
12A»	FIRSTRATE 84WG	0.016	LAA	13	0		0	74	0	89
B»	RAPTOR 1AS	0.039	LAA	13						
C»	MSO	1.00	PMV	13						
D	28% UAN	2.50	PMV	13						
13A»	FIRSTRATE 84WG	0.032	LAA	9	0	75	0	95	0	97
B»	WEATHERMAX 4.5	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
14A»	FIRSTRATE 84WG	0.032	LAA	9	0	70	0	75	0	69
B	COBRA 2EC	0.188	LAA	12						
C	SELECT (2EC)	0.125	LAA	12						
D»	COC	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
15A»	FIRSTRATE 84WG	0.032	LAA	9	0	72	0	94	0	97
B»	WEATHERMAX 4.5	0.75	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
16A»	FIRSTRATE 84WG	0.032	LAA	9	0		0	70	0	70
B	COBRA 2EC	0.188	LAA	13						
C	SELECT (2EC)	0.125	LAA	13						
D»	COC	1.00	PMV	13						
E	28% UAN	2.50	PMV	13						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMBTR	GLXMA	AMBTR	GLXMA	AMBTR
		RATE	UNIT		CON % 06/22/04	CON % 06/22/04	CON % 07/14/04	CON % 07/14/04	CON % 08/10/04	CON % 08/10/04
17A	WEATHERMAX 4.5	0.75	LAA	11	0		0	97	0	97
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
18A	COBRA 2EC	0.188	LAA	11	0		0	95	0	90
	B SELECT (2EC)	0.125	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
	E COBRA 2EC	0.188	LAA	13						
	F»COC	1.00	PMV	13						
	G 28% UAN	2.50	PMV	13						
LSD (0.05)					0.00	9.92	0.00	9.29	0.00	8.81
STANDARD DEVIATION					0.00	4.45	0.00	4.60	0.00	4.36

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/08/2004(1)
 11 = ----- / EPOST 06/23/2004(2)
 12 = ----- / POST 09/09/9999(3)
 13 = ----- / LPOST

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/22/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	CON %	06/22/2004	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/14/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	07/14/2004	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/10/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBTR	CON %	08/10/2004	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR