

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: S
PH: 6.5
%OM: 0.4
PREV. CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/10/99	06/15/99	AME
AIR TEMPERATURE	90	66	F
% REL. HUMIDITY	40	72	
WIND DIRECTION	SOUTH	NORTH	
WIND SPEED	3.0	2.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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			
*** CROP ***			
SOYBEAN	---/13	---/14	
ASGROW 3601 RR/S	4.00/6.00	6.00/7.00	IN
04/28/1999			
*** PEST ***			
PIGWEEED, SMOOTH	---/15	---/17	
	3.00/4.00	5.00/6.00	IN
RAGWEEED, COMMON	---/15	---/18	
	4.00/6.00	5.00/8.00	IN
SANDBUR, FIELD	---/15	---/17	
	4.00/4.00	5.00/6.00	IN
LAMBSQUARTERS, C	---/19	---/19	
	3.00/5.00	4.00/6.00	IN
CRABGRASS, LARGE	---/13	---/14	
	3.00/4.00	4.00/6.00	IN

* TIMING CODES

12 = ----- / POST
13 = ----- / LPOST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SF RRSZEN FLEXSTAR & TOUCHDOWN FOR WD CONTROL IN RRSOYS
CREATED: 05/13/1999 **REVISED:** 09/08/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: SAND FARM **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	CHEAL	AMBEL	AMACH	CCHIN	DIGSA
		RATE	UNIT		CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99
1A	FLEXSTAR 1.88M	0.294	LAA 12		0	57	93	92	99	95
	B FUSION	0.208	LAA 12							
	C»MSO	1.00	PMV 12							
	D 28% UAN	2.50	PMV 12							
2A	FLEXSTAR 1.88M	0.176	LAA 12		0	73	96	93	95	70
	B FUSION	0.208	LAA 12							
	C»FIRSTRATE 84WG	0.016	LAA 12							
	D»MSO	1.00	PMV 12							
	E 28% UAN	2.50	PMV 12							
3A	FLEXSTAR 1.88M	0.235	LAA 12		0	73	96	93	93	73
	B FUSION	0.208	LAA 12							
	C»FIRSTRATE 84WG	0.016	LAA 12							
	D»MSO	1.00	PMV 12							
	E 28% UAN	2.50	PMV 12							
4A	FLEXSTAR 1.88M	0.294	LAA 12		0	77	98	88	93	83
	B FUSION	0.208	LAA 12							
	C»FIRSTRATE 84WG	0.016	LAA 12							
	D»MSO	1.00	PMV 12							
	E 28% UAN	2.50	PMV 12							
5A	FLEXSTAR 1.88M	0.176	LAA 12		0	85	98	97	60	63
	B PURSUIT DG (70	0.063	LAA 12							
	C»MSO	1.00	PMV 12							
	D 28% UAN	2.50	PMV 12							
6A	CHECK	0.00	NA 0		0	0	0	0	0	0
7A	TOUCHDOWN 5 (5	1.00	LAA 12		0	96	88	96	99	99
	B AM. SULFATE	8.50	PMG 12							
8A	TOUCHDOWN 5 (5	1.00	LAA 12		0	97	99	99	99	98
	B»FLEXSTAR 1.88M	0.12	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
9A	TOUCHDOWN 5 (5	1.00	LAA 12		0	98	96	99	99	99
	B»FLEXSTAR 1.88M	0.176	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
10A	TOUCHDOWN 5 (5	1.00	LAA 12		0	97	99	96	96	95
	B»FIRSTRATE 84WG	0.008	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
11A	TOUCHDOWN 5 (5	1.00	LAA 12		0	98	99	99	99	98
	B»FIRSTRATE 84WG	0.016	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
12A	TOUCHDOWN 5 (5	1.00	LAA 12		0	96	99	99	99	98
	B BASAGRAN 4SL	0.02	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
13A	TOUCHDOWN 5 (5	1.00	LAA 12		0	98	90	99	99	98
	B FUSION	0.083	LAA 12							
	C AM. SULFATE	8.50	PMG 12							
14A	RAPTOR 1AS	0.039	LAA 12		0	85	88	92	78	92
	B»MSO	1.00	PMV 12							
	C 28% UAN	2.50	PMV 12							
15A	ROUNDUP ULTRA	0.75	LAA 12		0	95	96	99	98	99
	B AM. SULFATE	8.50	PMG 12							
16A	FUSION	0.21	LAA 12		0	80	98	98	99	96
	B»MSO	1.00	PMV 12							
	C»FLEXSTAR 1.88M	0.294	LAA 13							
	D»MSO	1.00	PMV 13							
	E 28% UAN	2.50	PMV 13							

TITLE: SF RRSZEN FLEXSTAR & TOUCHDOWN FOR WD CONTROL IN RRSOYS

TRT TREATMENT NUM COMPONENT	DOSAGE		GLXMA	CHEAL	AMBEL	AMACH	CCHIN	DIGSA
	RATE	UNIT	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99	CON % 06/29/99
17A FUSION	0.21	LAA	12	0	77	98	96	98
B»MSO	1.00	PMV	12					
C REFLEX 2LC	0.294	LAA	13					
D»MSO	1.00	PMV	13					
E 28% UAN	2.50	PMV	13					
18A FUSION	0.21	LAA	12	0	70	98	87	99
B»MSO	1.00	PMV	12					
C REFLEX 2LC	0.294	LAA	13					
D»COC	1.00	PMV	13					
E 28% UAN	2.50	PMV	13					
	LSD (0.05)			0.00	8.58	5.81	6.15	4.86
	STANDARD DEVIATION			0.00	4.25	2.87	3.00	2.40

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/10/1999(1)
 13 = ----- / LPOST 06/15/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/29/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	06/29/1999	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/29/1999	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMACH	CON %	06/29/1999	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CCHIN	CON %	06/29/1999	05	P	CCHIN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	DIGSA	CON %	06/29/1999	06	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3601 RR/STS