

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 6

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	06	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/18/99	06/11/99	06/18/99	06/28/99	07/07/99	AME
AIR TEMPERATURE	73	86	75	80	84	F
% REL.HUMIDITY	60	75	45	85	70	
WIND DIRECTION	WEST	SOUTH	SOUTHEAST	SOUTH	---	
WIND SPEED	7.0	2.0	3.0	5.0	0.0	M/H
CLOUD COVER	PARTCLDY	OVERCAST	CLEAR	CLOUDY	PARTCLDY	
DEW	NO	NO	NO	MOIST	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT						
DENSITY /						
*** CROP ***						
SOYBEAN		---/11	---/12	---/14		
PIONEER 9363RR		4.00/4.00	5.00/5.00	7.00/7.00		IN
05/20/1999						
*** PEST ***						
VELVETLEAF		---/11	---/13	---/15		
		1.00/1.00	2.00/4.00	3.00/6.00		IN
LAMBSQUARTERS, C		---/13	---/16	---/19		
		1.00/1.00	2.00/4.00	3.00/6.00		IN
MORNINGGLORY, TA		---/11	---/13	---/15		
		1.00/1.00	1.00/2.00	2.00/3.00		IN
FOXTAIL, GIANT		---/12	---/13	---/15		
		1.00/2.00	3.00/6.00	4.00/8.00		IN

* TIMING CODES

06 = ----- / EPP 7 DBP
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SRRYIELD WEED COMP/YIELD EFFECTS IN NO-TILL RREADY SOYS C-300
CREATED: 05/18/1999 **REVISED:** 11/02/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 06

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	ABUTH	CHEAL	PHBPU	YIELD	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	CON %	BU/A	
		UNIT	07/16/99	07/16/99	07/16/99	07/16/99	07/16/99	10/14/99	
1A	ROUNDUP ULTRA	0.75	LAA 11	0	91	92	97	91	44.1
B	AM. SULFATE	17.00	PMG 11						
2A	ROUNDUP ULTRA	0.75	LAA 12	0	97	98	99	93	44.8
B	AM. SULFATE	17.00	PMG 12						
3A	ROUNDUP ULTRA	0.75	LAA 13	0	99	99	99	99	47.7
B	AM. SULFATE	17.00	PMG 13						
4A	ROUNDUP ULTRA	0.75	LAA 14	0	99	97	99	97	46.3
B	AM. SULFATE	17.00	PMG 14						
5A	CHECK	0.00	NA 0	0	0	0	0	0	42.6
6A	ROUNDUP ULTRA	0.56	LAA 11	0	99	99	99	99	49.4
B	AM. SULFATE	17.00	PMG 11						
C	ROUNDUP ULTRA	0.56	LAA 13						
D	AM. SULFATE	17.00	PMG 13						
7A»	CANOPY XL/AUTH	0.16	LAA 0	0	99	99	99	94	46.7
B»	AUTHORITY	0.13	LAA 6						
C	CLASSIC 25WG	0.027	LAA 6						
D	ROUNDUP ULTRA	0.75	LAA 12						
E	AM. SULFATE	17.00	PMG 12						
8A	PURSUIT +	0.91	LAA 6	0	99	99	99	99	50.2
B	ROUNDUP ULTRA	0.75	LAA 12						
C	AM. SULFATE	17.00	PMG 12						
9A	PROWL 3.3EC	1.00	LAA 6	0	99	99	99	99	42.8
B	PURSUIT DG (70	0.063	LAA 11						
C»	SUNIT II	0.75	PMV 11						
D	28% UAN	1.25	PMV 11						
10A»	FRONTIER 6.0EC	0.94	LAA 6	0	97	92	99	91	44.6
B	GALAXY SL	0.92	LAA 12						
C	POAST 1.5EC	0.287	LAA 12						
D»	COC	0.63	PMV 12						
E	28% UAN	1.25	PMV 12						
11A	TURBO 8EC	2.25	LAA 6	0	97	94	99	94	46.2
B»	EXPERT 57WG	0.059	LAA 12						
C»	ACTION 0.91EC	0.0035	LAA 12						
D»	ACTIVATE PLUS	0.25	PMV 12						
12A»	HAND WEEDED	0.00	NA 0	0	99	99	99	99	46.6
		LSD (0.05)		0.00	1.63	2.43	0.779	2.00	4.50
		STANDARD DEVIATION		0.00	0.813	1.21	0.39	1.00	2.25

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 06 = ----- / EPP 7 DBP 05/18/1999(1)
- 11 = ----- / EPOST 06/11/1999(2)
- 12 = ----- / POST 06/18/1999(3)
- 13 = ----- / LPOST 06/28/1999(4)
- 14 = ----- / VLPOST 07/07/1999(5)

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 %	07/16/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/16/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	07/16/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	07/16/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
005	PHBPU	CON %	07/16/1999	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	YIELD	BU/A	10/14/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR