

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE:
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	07	09	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/26/99	05/26/99	06/21/99	AME
AIR TEMPERATURE	64	75	77	F
% REL.HUMIDITY	68	50	70	
WIND DIRECTION	EAST	---	SOUTHWEST	
WIND SPEED	2.0	0.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE	05/26/99			AME
INC. START	09:00			24H
INC. END	09:30			24H
INC. DEPTH	2			IN
INC. EQUIPMENT	CULTFIELD			
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN			---/12	
PIONEER 9363RR			5.00/5.00	IN
05/26/1999				
*** PEST ***				
VELVETLEAF			---/14	
			2.00/4.00	IN
PIGWEEED, SMOOTH			---/17	
			2.00/4.00	IN
LAMBSQUARTERS, C			---/17	
			2.00/3.00	IN
MORNINGGLORY, TA			---/12	
			1.00/2.00	IN
FOXTAIL, GIANT			---/13	
			2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: USGLYPHS GLYPHOSATE COMBOS FOR WEED CONTROL IN RRSOYS AS-100
CREATED: 05/09/1999 **REVISED:** 07/28/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	SETFA	PHBPU	AMACH	CHEAL	ABUTH
		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	TREFLAN MTF	1.00	LAA	7	0	99	85	99	99	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
2A	BRDSRK+TREF	0.91	LAA	7	0	99	87	99	98	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
3A	PROWL 3.3EC	1.24	LAA	9	0	99	82	98	99	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
4A»	FIRSTRATE 84WG	0.031	LAA	9	3	99	83	99	99	99
	B PROWL 3.3EC	1.24	LAA	9						
	C»GLYPHOSATE IPA	0.56	LAA	12						
	D»ACTIVATE PLUS	0.50	PMV	12						
	E AM. SULFATE	17.00	PMG	12						
5A»	PYTHON 80WG	0.05	LAA	9	1	99	78	98	99	99
	B PROWL 3.3EC	1.24	LAA	9						
	C»GLYPHOSATE IPA	0.56	LAA	12						
	D»ACTIVATE PLUS	0.50	PMV	12						
	E AM. SULFATE	17.00	PMG	12						
6A»	PYTHON 80WG	0.063	LAA	9	0	99	83	99	99	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
7A»	FIRSTRATE 84WG	0.031	LAA	9	0	99	85	99	99	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
8A»	FIRSTRATE 84WG	0.016	LAA	12	0	99	73	99	98	99
	B»GLYPHOSATE IPA	0.56	LAA	12						
	C»ACTIVATE PLUS	0.50	PMV	12						
	D AM. SULFATE	17.00	PMG	12						
9A»	GLYPHOSATE IPA	0.38	LAA	12	0	99	68	96	93	99
	B»ACTIVATE PLUS	0.50	PMV	12						
	C AM. SULFATE	17.00	PMG	12						
10A»	GLYPHOSATE IPA	0.56	LAA	12	0	99	72	98	95	99
	B»ACTIVATE PLUS	0.50	PMV	12						
	C AM. SULFATE	17.00	PMG	12						
11A	ROUNDUP ULTRA	0.38	LAA	12	0	99	67	99	98	99
	B AM. SULFATE	17.00	PMG	12						
12A	ROUNDUP ULTRA	0.56	LAA	12	0	99	67	96	99	99
	B AM. SULFATE	17.00	PMG	12						
13A»	TOUCHDOWN 5 (5	0.50	LAA	12	2	99	70	98	96	99
	B AM. SULFATE	17.00	PMG	12						
14A»	TOUCHDOWN 5 (5	0.75	LAA	12	3	99	70	99	96	99
	B AM. SULFATE	17.00	PMG	12						
		LSD (0.05)			0.588	0.00	5.12	2.79	4.63	0.00
		STANDARD DEVIATION			0.286	0.00	2.49	1.36	2.25	0.00

TITLE: USGLYPHS GLYPHOSATE COMBOS FOR WEED CONTROL IN RRSOYS AS-100
CREATED: 05/09/1999 **REVISED:** 07/28/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	PHBPU	AMACH	CHEAL	ABUTH
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/22/99	07/22/99	07/22/99	07/22/99	07/22/99	07/22/99
1A	TREFLAN MTF	1.00	LAA 7	0	95	88	99	98	99
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
2A	BRDSRK+TREF	0.91	LAA 7	0	95	90	96	99	99
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
3A	PROWL 3.3EC	1.24	LAA 9	0	93	82	95	96	98
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
4A»	FIRSTRATE 84WG	0.031	LAA 9	0	95	83	98	99	99
	B PROWL 3.3EC	1.24	LAA 9						
	C»GLYPHOSATE IPA	0.56	LAA 12						
	D»ACTIVATE PLUS	0.50	PMV 12						
	E AM. SULFATE	17.00	PMG 12						
5A»	PYTHON 80WG	0.05	LAA 9	0	92	70	96	98	99
	B PROWL 3.3EC	1.24	LAA 9						
	C»GLYPHOSATE IPA	0.56	LAA 12						
	D»ACTIVATE PLUS	0.50	PMV 12						
	E AM. SULFATE	17.00	PMG 12						
6A»	PYTHON 80WG	0.063	LAA 9	0	88	80	99	99	99
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
7A»	FIRSTRATE 84WG	0.031	LAA 9	0	92	90	95	99	99
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
8A»	FIRSTRATE 84WG	0.016	LAA 12	0	95	90	95	95	99
	B»GLYPHOSATE IPA	0.56	LAA 12						
	C»ACTIVATE PLUS	0.50	PMV 12						
	D AM. SULFATE	17.00	PMG 12						
9A»	GLYPHOSATE IPA	0.38	LAA 12	0	93	72	88	88	99
	B»ACTIVATE PLUS	0.50	PMV 12						
	C AM. SULFATE	17.00	PMG 12						
10A»	GLYPHOSATE IPA	0.56	LAA 12	0	92	73	93	93	98
	B»ACTIVATE PLUS	0.50	PMV 12						
	C AM. SULFATE	17.00	PMG 12						
11A	ROUNDUP ULTRA	0.38	LAA 12	0	93	73	92	92	99
	B AM. SULFATE	17.00	PMG 12						
12A	ROUNDUP ULTRA	0.56	LAA 12	0	92	73	93	95	99
	B AM. SULFATE	17.00	PMG 12						
13A»	TOUCHDOWN 5 (5	0.50	LAA 12	0	87	68	90	92	99
	B AM. SULFATE	17.00	PMG 12						
14A»	TOUCHDOWN 5 (5	0.75	LAA 12	0	90	78	87	93	96
	B AM. SULFATE	17.00	PMG 12						
		LSD (0.05)		0.00	6.00	6.78	8.09	5.42	1.70
		STANDARD DEVIATION		0.00	2.93	3.30	3.94	2.64	0.827

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

07 = ----- / PREPLANT INCORPORATED 05/26/1999 (1)

* TIMING CODES

09 = ----- / PREEMERGENCE 05/26/1999(2)

12 = ----- / POST 06/21/1999(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	06/29/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/29/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/29/1999	03	P	PHBPU		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	CHEAL	CON %	06/29/1999	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/29/1999	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/22/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/22/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	07/22/1999	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMACH	CON %	07/22/1999	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/22/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/22/1999	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR