

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.1  
 %OM: 5.5  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE:  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/99	05/10/99	AME
AIR TEMPERATURE	75	79	F
% REL.HUMIDITY	45	60	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	5.0	7.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	---	---	
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		---/00	
PIONEER 9363RR		/	IN
05/10/1999			

## \* TIMING CODES

05 = ----- / EPP 15 DBP  
 09 = ----- / PREEMERGENCE

## \* STAGE CODE

00 = DRY SEED

**TITLE:** V-53482 AND SULFENT. COMP. FOR WEED CONTROL IN RRSOYS AS-400  
**CREATED:** 05/02/1999 **REVISED:** 07/30/1999 **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	AMATA	POLPY	CHEAL	GLXMA
		RATE	UNIT		CON % 06/09/99	CON % 06/09/99	CON % 06/09/99	CON % 06/09/99	CON % 06/09/99	CON % 07/09/99
1A»	V-53482 50WP	0.094	LAA	5	0	33	85	92	95	0
2A»	V-53482 50WP	0.109	LAA	5	0	43	90	93	96	0
3A»	V-53482 50WP	0.125	LAA	5	0	60	93	95	99	0
4A»	AUTHORITY	0.188	LAA	5	0	0	73	80	88	0
5A»	AUTHORITY	0.211	LAA	5	0	0	73	78	90	0
6A»	AUTHORITY	0.244	LAA	5	0	0	85	85	96	0
7A»	V-53482 50WP	0.031	LAA	9	0	15	75	70	87	0
8A»	V-53482 50WP	0.047	LAA	9	0	37	83	82	92	0
9A»	V-53482 50WP	0.063	LAA	9	0	57	82	87	90	0
10A»	V-53482 50WP	0.078	LAA	9	0	63	87	92	94	0
11A»	V-53482 50WP	0.094	LAA	9	0	68	87	96	96	0
12A»	V-53482 50WP	0.109	LAA	9	4	67	96	97	99	0
13A»	V-53482 50WP	0.125	LAA	9	3	73	93	98	99	0
14A»	AUTHORITY	0.094	LAA	9	0	0	57	50	77	0
15A»	AUTHORITY	0.117	LAA	9	0	0	50	60	78	0
16A»	AUTHORITY	0.141	LAA	9	0	20	70	70	87	0
17A»	AUTHORITY	0.164	LAA	9	0	30	73	80	88	0
18A»	AUTHORITY	0.188	LAA	9	0	33	78	77	93	0
19A»	AUTHORITY	0.211	LAA	9	0	50	83	83	96	0
20A»	AUTHORITY	0.244	LAA	9	0	47	82	92	98	0
	LSD (0.05)				1.16	13.55	9.00	7.82	6.09	0.00
	STANDARD DEVIATION				0.573	6.71	4.45	3.87	3.00	0.00

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 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	SETFA	AMATA	POLPY	CHEAL	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	
		UNIT	07/09/99	07/09/99	07/09/99	07/09/99	
1A»	V-53482 50WP	0.094	LAA 5	0	72	60	87
2A»	V-53482 50WP	0.109	LAA 5	0	85	73	91
3A»	V-53482 50WP	0.125	LAA 5	0	92	75	97
4A»	AUTHORITY	0.188	LAA 5	0	60	47	88
5A»	AUTHORITY	0.211	LAA 5	0	67	57	92
6A»	AUTHORITY	0.244	LAA 5	0	63	75	88
7A»	V-53482 50WP	0.031	LAA 9	0	57	60	82
8A»	V-53482 50WP	0.047	LAA 9	0	63	60	70
9A»	V-53482 50WP	0.063	LAA 9	0	60	67	72
10A»	V-53482 50WP	0.078	LAA 9	0	70	80	83
11A»	V-53482 50WP	0.094	LAA 9	0	82	82	90
12A»	V-53482 50WP	0.109	LAA 9	0	93	85	94
13A»	V-53482 50WP	0.125	LAA 9	0	80	88	99
14A»	AUTHORITY	0.094	LAA 9	0	47	0	92
15A»	AUTHORITY	0.117	LAA 9	0	47	37	85
16A»	AUTHORITY	0.141	LAA 9	0	57	53	92
17A»	AUTHORITY	0.164	LAA 9	0	53	53	90
18A»	AUTHORITY	0.188	LAA 9	0	60	62	95
19A»	AUTHORITY	0.211	LAA 9	0	67	73	96
20A»	AUTHORITY	0.244	LAA 9	0	77	85	98
		LSD (0.05)		0.00	13.61	14.90	11.40
		STANDARD DEVIATION		0.00	6.74	7.37	5.64

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

05 = ----- / EPP 15 DBP 05/03/1999(1)  
 09 = ----- / PREEMERGENCE 05/10/1999(2)

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 %	06/09/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/09/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/09/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/09/1999	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/09/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/09/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/09/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/09/1999	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	POLPY	CON %	07/09/1999	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/09/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR