

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQMXSPR	
APPLICATION DATE	05/10/99	AME
AIR TEMPERATURE	72	F
% REL.HUMIDITY	59	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	8.0	M/H
CLOUD COVER	OVERCAST	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT		
	DN/SG/MMZ	
*** PEST ***		
LAMBSQUARTERS, C	---/15	
	1.00/2.00	IN
SMARTWEED, PENNS	---/13	
	1.00/2.00	IN
FOXTAIL, GIANT	---/12	
	0.50/1.00	IN

*** TIMING CODES**

06 = ----- / EPP 7 DBP

*** STAGE CODE**

12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: NO-TILL BURNDOWN TREATMENTS FOR SOYBEANS SW-1600
CREATED: 09/22/1999 **REVISED:** 09/24/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	POLPY	CHEAL	GLXMA	SETFA
		RATE	UNIT		CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 07/20/99	CON % 07/20/99
1A	GRAMOXONE XTRA	0.625	LAA	6	0	73	88	90	0	47
	B»ACTIVATE PLUS	0.25	PMV	6						
2A	GRAMOXONE XTRA	0.78	LAA	6	0	68	92	93	0	53
	B»ACTIVATE PLUS	0.25	PMV	6						
3A	GRAMOXONE XTRA	0.78	LAA	6	0	85	92	93	0	78
	B CANOPY 75WG	0.094	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
4A	GRAMOXONE XTRA	0.625	LAA	6	0	85	93	95	0	82
	B»CANOPY XL 56.3	0.14	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	TOUCHDOWN 5 (5	0.50	LAA	6	0	65	95	95	0	47
	B AM. SULFATE	8.50	PMG	6						
7A»	TOUCHDOWN 5 (5	0.75	LAA	6	0	67	95	95	0	50
	B AM. SULFATE	8.50	PMG	6						
8A»	TOUCHDOWN 5 (5	1.00	LAA	6	0	72	95	95	0	55
	B AM. SULFATE	8.50	PMG	6						
9A»	TOUCHDOWN 5 (5	0.75	LAA	6	0	77	95	95	0	77
	B CANOPY 75WG	0.094	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
10A»	TOUCHDOWN 5 (5	0.75	LAA	6	0	93	95	95	0	86
	B»CANOPY XL 56.3	0.00	LAA	6						
	C»AUTHORITY	0.10	PMG	6						
	D»SKIRMISH/CLASS	0.04	PMG	6						
	E AM. SULFATE	8.50	PMG	6						
11A	CANOPY 75WG	0.094	LAA	6	0	72	95	95	0	65
	B SENCOR 75WG	0.094	LAA	6						
	C»COC	1.00	PMV	6						
12A	ROUNDUP ULTRA	0.50	LAA	6	0	58	93	95	0	48
	B AM. SULFATE	8.50	PMG	6						
13A	ROUNDUP ULTRA	0.75	LAA	6	0	75	95	95	0	50
	B AM. SULFATE	8.50	PMG	6						
14A»	TOUCHDOWN 5 (5	1.00	LAA	6	0	90	99	99	0	65
	B»FIRSTRATE 84WG	0.031	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
		LSD (0.05)			0.00	10.19	6.13	2.71	0.00	8.94
		STANDARD DEVIATION			0.00	5.00	3.00	1.32	0.00	4.35

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	POLPY	CHEAL
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	07/20/99	07/20/99
1A	GRAMOXONE XTRA	0.625	LAA 6	55
	B»ACTIVATE PLUS	0.25	PMV 6	57
2A	GRAMOXONE XTRA	0.78	LAA 6	72
	B»ACTIVATE PLUS	0.25	PMV 6	72
3A	GRAMOXONE XTRA	0.78	LAA 6	89
	B CANOPY 75WG	0.094	LAA 6	82
	C»ACTIVATE PLUS	0.25	PMV 6	
4A	GRAMOXONE XTRA	0.625	LAA 6	90
	B»CANOPY XL 56.3	0.14	LAA 6	83
	C»ACTIVATE PLUS	0.25	PMV 6	
5A	CHECK	0.00	NA 0	0
6A»	TOUCHDOWN 5 (5	0.50	LAA 6	85
	B AM. SULFATE	8.50	PMG 6	85
7A»	TOUCHDOWN 5 (5	0.75	LAA 6	85
	B AM. SULFATE	8.50	PMG 6	87
8A»	TOUCHDOWN 5 (5	1.00	LAA 6	92
	B AM. SULFATE	8.50	PMG 6	90
9A»	TOUCHDOWN 5 (5	0.75	LAA 6	93
	B CANOPY 75WG	0.094	LAA 6	
	C AM. SULFATE	8.50	PMG 6	93
10A»	TOUCHDOWN 5 (5	0.75	LAA 6	93
	B»CANOPY XL 56.3	0.00	LAA 6	94
	C»AUTHORITY	0.10	PMG 6	
	D»SKIRMISH/CLASS	0.04	PMG 6	
	E AM. SULFATE	8.50	PMG 6	
11A	CANOPY 75WG	0.094	LAA 6	85
	B SENCOR 75WG	0.094	LAA 6	85
	C»COC	1.00	PMV 6	
12A	ROUNDUP ULTRA	0.50	LAA 6	75
	B AM. SULFATE	8.50	PMG 6	80
13A	ROUNDUP ULTRA	0.75	LAA 6	78
	B AM. SULFATE	8.50	PMG 6	77
14A»	TOUCHDOWN 5 (5	1.00	LAA 6	82
	B»FIRSTRATE 84WG	0.031	LAA 6	83
	C AM. SULFATE	8.50	PMG 6	
	LSD (0.05)		6.43	6.60
	STANDARD DEVIATION		3.13	3.21

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 06 = ----- / EPP 7 DBP 05/10/1999(1)

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 %	06/07/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY	CON %	06/07/1999	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/07/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/20/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/20/1999	02	P	SETFA		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	CTR1	SS	NOTE
007	POLPY	CON %	07/20/1999	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	07/20/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR