

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/21/02	AME
AIR TEMPERATURE	88	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	MOIST	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
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	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/13	
FS 3616RR	5.00/5.00	IN
05/23/2002		
*** PEST ***		
VELVETLEAF	---/14	
	2.00/4.00	IN
WATERHEMP, COMMO	---/18	
	2.00/4.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/4.00	IN
MORNINGGLORY, TA	---/15	
	1.00/3.00	IN
SMARTWEED, PENNS	---/18	
	3.00/5.00	IN
FOXTAIL, GIANT	---/13	
	2.00/6.00	IN

* TIMING CODES
 12 = ----- / POST

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

DATA MEAN

TITLE: Glyphosate salts for weed control in Soybean AS-200

CREATED: 04/23/2002 REVISED: 11/21/2002

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			GLXMA	SETFA	POLPY	ABUTH	AMATA	CHEAL	
		RATE	UNIT	TM	CON % 06/29/02	CON % 06/29/02	CON % 06/29/02	CON % 06/29/02	CON % 06/29/02	CON % 06/29/02	
1A	»RNDUP ULTRA MA	0.38	LAA	12	0	99	91	83	98	98	
2A	»RNDUP ULTRA MA	0.56	LAA	12	0	99	94	86	99	98	
3A	»RNDUP ULTRA MA	0.75	LAA	12	0	99	94	88	99	99	
4A	»WEATHERMAX 4.5	0.38	LAA	12	0	98	89	84	98	97	
5A	»WEATHERMAX 4.5	0.56	LAA	12	0	99	95	87	99	99	
6A	»WEATHERMAX 4.5	0.75	LAA	12	0	99	95	87	99	99	
7A	»MON 78460 4.5L	0.38	LAA	12	0	98	88	78	94	95	
8A	»MON 78460 4.5L	0.56	LAA	12	0	99	93	86	99	99	
9A	»MON 78460 4.5L	0.75	LAA	12	0	99	94	89	99	99	
10A	CHECK	0.00	NA	0	0	0	0	0	0	0	
11A	»RNDUP ULTRA MA	0.75	LAA	12	0	99	98	99	99	99	
	B»LIQUID AMS	5.00	PMV	12							
12A	»WEATHERMAX 4.5	0.75	LAA	12	0	99	98	99	99	99	
	B»LIQUID AMS	5.00	PMV	12							
13A	»MON 78460 4.5L	0.75	LAA	12	0						
	B»LIQUID AMS	5.00	PMV	12							
14A	»TOUCHDOWN 3L	0.75	LAA	12	0	99	97	99	99	99	
	B»LIQUID AMS	5.00	PMV	12							
15A	»CLEAROUT 41 PL	0.75	LAA	12	0	99	97	99	99	99	
	B»LIQUID AMS	5.00	PMV	12							
16A	CHECK	0.00	NA	12							
					LSD (0.05)	0.00	0.718	2.29	3.31	1.21	2.56
					STANDARD DEVIATION	0.00	0.35	1.12	1.62	0.593	1.25

DATA MEAN

TITLE: Glyphosate salts for weed control in Soybean AS-200

CREATED: 04/23/2002 REVISED: 11/21/2002 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	CHEAL	PHBPU	
NUM	COMPONENT	RATE	CON %	CON %	
		UNIT	07/18/02	07/18/02	
1A»	RNDUP ULTRA MA	0.38	LAA 12	92	68
2A»	RNDUP ULTRA MA	0.56	LAA 12	98	73
3A»	RNDUP ULTRA MA	0.75	LAA 12	99	89
4A»	WEATHERMAX 4.5	0.38	LAA 12	87	70
5A»	WEATHERMAX 4.5	0.56	LAA 12	92	81
6A»	WEATHERMAX 4.5	0.75	LAA 12	99	91
7A»	MON 78460 4.5L	0.38	LAA 12	82	72
8A»	MON 78460 4.5L	0.56	LAA 12	92	81
9A»	MON 78460 4.5L	0.75	LAA 12	99	85
10A	CHECK	0.00	NA 0	0	0
11A»	RNDUP ULTRA MA	0.75	LAA 12	99	90
	B»LIQUID AMS	5.00	PMV 12		
12A»	WEATHERMAX 4.5	0.75	LAA 12	99	86
	B»LIQUID AMS	5.00	PMV 12		
13A»	MON 78460 4.5L	0.75	LAA 12		
	B»LIQUID AMS	5.00	PMV 12		
14A»	TOUCHDOWN 3L	0.75	LAA 12	99	96
	B»LIQUID AMS	5.00	PMV 12		
15A»	CLEAROUT 41 PL	0.75	LAA 12	99	96
	B»LIQUID AMS	5.00	PMV 12		
16A	CHECK	0.00	NA 12		
		LSD (0.05)	4.11	4.37	
		STANDARD DEVIATION	2.00	2.13	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/21/2002(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/29/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/29/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	POLPY	CON %	06/29/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ABUTH	CON %	06/29/2002	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	AMATA	CON %	06/29/2002	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	06/29/2002	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	PHBPU	CON %	06/29/2002	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	GLXMA	CON %	07/18/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	SETFA	CON %	07/18/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	POLPY	CON %	07/18/2002	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ABUTH	CON %	07/18/2002	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMATA	CON %	07/18/2002	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	CHEAL	CON %	07/18/2002	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	PHBPU	CON %	07/18/2002	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3616RR