

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 6

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/19/99	06/04/99	06/09/99	06/15/99	06/29/99	AME
AIR TEMPERATURE	77	71	82	71	77	F
% REL.HUMIDITY	45	78	71	45	61	
WIND DIRECTION	---	SOUTHEAST	SOUTHEAST	NORTHEAST	NORTH	
WIND SPEED	0.0	7.0	3.0	7.0	5.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	PARTCLDY	CLOUDY	CLOUDY	
DEW	NO	MOIST	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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	40.00	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		
ASGROW 3001RR		3.00/3.00	4.00/5.00	6.00/7.00		IN
05/07/1999						
*** PEST ***						
VELVETLEAF		---/12	---/14	---/17	---/19	
		1.00/2.00	2.00/4.00	4.00/6.00	6.00/12.0	IN
PIGWEEED, SMOOTH		---/14	---/18	---/19	---/19	
		1.00/2.00	2.00/4.00	3.00/6.00	4.00/12.0	IN
LAMBSQUARTERS, C		---/15	---/19	---/19	---/19	
		1.00/2.00	2.00/4.00	3.00/6.00	4.00/12.0	IN
SMARTWEED, PENNS		---/14	---/17	---/19	---/19	
		1.00/2.00	3.00/4.00	4.00/6.00	8.00/18.0	IN
FOXTAIL, GIANT		---/13	---/14	---/15	---/17	
		4.00/8.00	8.00/12.0	12.0/18.0	18.0/24.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: RRSOYNT WEED MANAGEMENT SOYBEANS 15" MONMOUTH
CREATED: 04/26/1999 **REVISED:** 05/11/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG **REPS:** 06

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMACH	ABUTH	POLPY
		RATE	UNIT		CON % 07/06/99	CON % 07/06/99	CON % 07/06/99	CON % 07/06/99	CON % 07/06/99	CON % 07/06/99
1A	ROUNDUP ULTRA	0.75	LAA	11	0	98	98	99	99	98
B	AM. SULFATE	17.00	PMG	11						
2A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	99	99	99
B	AM. SULFATE	17.00	PMG	12						
3A	ROUNDUP ULTRA	0.75	LAA	13	0	99	99	99	99	99
B	AM. SULFATE	17.00	PMG	13						
4A	ROUNDUP ULTRA	0.75	LAA	14	0	83	99	99	99	78
B	AM. SULFATE	17.00	PMG	14						
5A	ROUNDUP ULTRA	0.56	LAA	11	0	98	99	99	99	99
B	AM. SULFATE	17.00	PMG	11						
C	ROUNDUP ULTRA	0.56	LAA	13						
D	AM. SULFATE	17.00	PMG	13						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	FRONTIER 6.0EC	0.94	LAA	9	0	93	91	78	98	89
B	PURSUIT DG (70	0.063	LAA	11						
C»	SUNIT II	0.75	PMV	11						
D	28% UAN	1.25	PMV	11						
8A»	FRONTIER 6.0EC	0.94	LAA	9	0	99	99	99	99	99
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	1.25	PMV	12						
9A»	FRONTIER 6.0EC	0.94	LAA	9	0	98	99	99	99	88
B	GALAXY SL	0.92	LAA	12						
C	POAST 1.5EC	0.287	LAA	12						
D	28% UAN	1.25	PMV	12						
10A»	FRONTIER 6.0EC	0.94	LAA	9	0	52	79	78	83	55
B»	EXPERT 57WG	0.059	LAA	12						
C»	ACTION 0.91EC	0.0035	LAA	12						
D»	ACTIVATE PLUS	0.25	PMV	12						
11A»	FRONTIER 6.0EC	0.94	LAA	9	0	99	99	99	99	99
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	17.00	PMG	12						
12A»	HAND WEEDED	0.00	NA	0	0	96	98	99	95	95
B»	FRONTIER 6.0EC	0.94	LAA	9						
LSD (0.05)					0.00	3.14	1.54	1.29	1.71	2.15
STANDARD DEVIATION					0.00	1.57	0.768	0.647	0.853	1.07

TITLE: RRSOYNT WEED MANAGEMENT SOYBEANS 15" MONMOUTH
CREATED: 04/26/1999 **REVISED:** 05/11/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 06

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/12/99
		RATE	UNIT	
1A	ROUNDUP ULTRA	0.75	LAA 11	56.5
B	AM. SULFATE	17.00	PMG 11	
2A	ROUNDUP ULTRA	0.75	LAA 12	62.6
B	AM. SULFATE	17.00	PMG 12	
3A	ROUNDUP ULTRA	0.75	LAA 13	58.0
B	AM. SULFATE	17.00	PMG 13	
4A	ROUNDUP ULTRA	0.75	LAA 14	52.2
B	AM. SULFATE	17.00	PMG 14	
5A	ROUNDUP ULTRA	0.56	LAA 11	56.1
B	AM. SULFATE	17.00	PMG 11	
C	ROUNDUP ULTRA	0.56	LAA 13	
D	AM. SULFATE	17.00	PMG 13	
6A	CHECK	0.00	NA 0	26.1
7A»	FRONTIER 6.0EC	0.94	LAA 9	58.2
B	PURSUIT DG (70	0.063	LAA 11	
C»	SUNIT II	0.75	PMV 11	
D	28% UAN	1.25	PMV 11	
8A»	FRONTIER 6.0EC	0.94	LAA 9	57.9
B	ROUNDUP ULTRA	0.75	LAA 12	
C	AM. SULFATE	1.25	PMV 12	
9A»	FRONTIER 6.0EC	0.94	LAA 9	52.5
B	GALAXY SL	0.92	LAA 12	
C	POAST 1.5EC	0.287	LAA 12	
D	28% UAN	1.25	PMV 12	
10A»	FRONTIER 6.0EC	0.94	LAA 9	43.5
B»	EXPERT 57WG	0.059	LAA 12	
C»	ACTION 0.91EC	0.0035	LAA 12	
D»	ACTIVATE PLUS	0.25	PMV 12	
11A»	FRONTIER 6.0EC	0.94	LAA 9	57.2
B	ROUNDUP ULTRA	0.75	LAA 12	
C	AM. SULFATE	17.00	PMG 12	
12A»	HAND WEEDDED	0.00	NA 0	55.2
B»	FRONTIER 6.0EC	0.94	LAA 9	
LSD (0.05)				7.47
STANDARD DEVIATION				3.73

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/19/1999(1)
 11 = ----- / EPOST 06/04/1999(2)
 12 = ----- / POST 06/09/1999(3)
 13 = ----- / LPOST 06/15/1999(4)
 14 = ----- / VLPOST 06/29/1999(5)

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 %	07/06/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/06/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	07/06/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMACH	CON %	07/06/1999	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	07/06/1999	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	07/06/1999	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: RRSOYNT WEED MANAGEMENT SOYBEANS 15" MONMOUTH

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
007	YIELD	BU/A	10/12/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3001RR