

SOIL INFORMATIONTRIAL 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	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/22/99	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	70	
WIND DIRECTION	---	
WIND SPEED	0.0	M/H
CLOUD COVER	CLEAR	
DEW	MOIST	
SOIL MOISTURE	DRY/MOIST	
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	15.00	
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	
*** PEST ***		
VELVETLEAF	---/14	
	3.00/5.00	IN
PIGWEEED, SMOOTH	---/18	
	3.00/5.00	IN
SOYBEAN	---/13	
PIONEER 9363RR	6.00/6.00	IN
05/26/1999		
MORNINGGLORY, TA	---/14	
	1.00/2.00	IN
FOXTAIL, GIANT	---/14	
	4.00/6.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SRDUPADJ ROUNDUP ADJUVANTS IN RREADY SOYS AS-100
CREATED: 06/08/1999 **REVISED:** 11/23/1999 **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	ABUTH	AMACH	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/30/99	06/30/99	06/30/99	06/30/99	07/12/99
1A	ROUNDUP ULTRA	0.38	LAA 12	0	99	87	99	77
2A	ROUNDUP ULTRA	0.38	LAA 12	0	99	92	99	86
	B AM. SULFATE	8.50	PMG 12					
3A	ROUNDUP ULTRA	0.38	LAA 12	0	99	95	99	88
	B AM. SULFATE	17.00	PMG 12					
4A	ROUNDUP ULTRA	0.38	LAA 12	0	99	85	99	83
	B»CHOICE	0.50	PMV 12					
5A	ROUNDUP 3SL	0.38	LAA 12	0	99	95	99	89
	B»AGRISTAY 87	1.00	PMV 12					
	C AM. SULFATE	17.00	PMG 12					
6A	ROUNDUP 3SL	0.56	LAA 12	0	99	98	99	93
	B»AGRISTAY 87	1.00	PMV 12					
	C AM. SULFATE	17.00	PMG 12					
7A	ROUNDUP ULTRA	0.38	LAA 12	0	99	83	99	79
	B»CHOICE	0.50	PMV 12					
8A	ROUNDUP ULTRA	0.38	LAA 12	0	99	81	99	81
	B»ULTRA GARD	0.50	PMV 12					
9A	ROUNDUP ULTRA	0.38	LAA 12	0	99	92	99	88
	B»DRYVE AMS	9.00	PMG 12					
10A	ROUNDUP ULTRA	0.75	LAA 12	0	99	89	99	87
	B»CHOICE	0.50	PMV 12					
11A	ROUNDUP ULTRA	0.75	LAA 12	0	99	95	99	93
	B»CHOICE	0.50	PMV 12					
	C»ACA PLUS	1.25	PMV 12					
12A	ROUNDUP ULTRA	0.75	LAA 12	0	99	93	99	84
	B»CHOICE	0.50	PMV 12					
	C»AWAKEN	2.50	PMV 12					
13A	ROUNDUP ULTRA	0.75	LAA 12	0	99	94	99	90
14A	CHECK	0.00	NA 0	0	0	0	0	0
		LSD (0.05)		0.00	0.00	3.41	0.00	6.30
		STANDARD DEVIATION		0.00	0.00	1.66	0.00	3.07

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	SETFA CON % 07/12/99	ABUTH CON % 07/12/99	AMACH CON % 07/12/99	PHBPU CON % 07/12/99	YIELD BU/A 10/15/99
1A ROUNDUP ULTRA	0.38 LAA 12		99	90	99	84	49.2
2A ROUNDUP ULTRA	0.38 LAA 12		99	94	99	89	51.4
B AM. SULFATE	8.50 PMG 12						
3A ROUNDUP ULTRA	0.38 LAA 12		99	98	99	91	51.1
B AM. SULFATE	17.00 PMG 12						
4A ROUNDUP ULTRA	0.38 LAA 12		99	95	99	89	47.5
B»CHOICE	0.50 PMV 12						
5A ROUNDUP 3SL	0.38 LAA 12		99	96	99	93	49.9
B»AGRISTAY 87	1.00 PMV 12						
C AM. SULFATE	17.00 PMG 12						
6A ROUNDUP 3SL	0.56 LAA 12		99	98	99	96	49.6
B»AGRISTAY 87	1.00 PMV 12						
C AM. SULFATE	17.00 PMG 12						
7A ROUNDUP ULTRA	0.38 LAA 12		99	90	99	88	54.3
B»CHOICE	0.50 PMV 12						
8A ROUNDUP ULTRA	0.38 LAA 12		99	87	99	86	45.6
B»ULTRA GARD	0.50 PMV 12						
9A ROUNDUP ULTRA	0.38 LAA 12		99	92	99	91	48.5
B»DRYVE AMS	9.00 PMG 12						
10A ROUNDUP ULTRA	0.75 LAA 12		99	98	99	96	45.1
B»CHOICE	0.50 PMV 12						
11A ROUNDUP ULTRA	0.75 LAA 12		99	99	99	97	51.1
B»CHOICE	0.50 PMV 12						
C»ACA PLUS	1.25 PMV 12						
12A ROUNDUP ULTRA	0.75 LAA 12		99	98	99	95	47.7
B»CHOICE	0.50 PMV 12						
C»AWAKEN	2.50 PMV 12						
13A ROUNDUP ULTRA	0.75 LAA 12		99	99	99	98	47.6
14A CHECK	0.00 NA 0		0	0	0	0	28.3
LSD (0.05)			0.00	2.40	0.00	3.64	8.58
STANDARD DEVIATION			0.00	1.17	0.00	1.77	4.17

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/22/1999(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/30/1999	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/30/1999	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/30/1999	03	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	AMACH	CON %	06/30/1999	04	P	AMACH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/30/1999	05	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/12/1999	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/12/1999	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/12/1999	03	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	AMACH	CON %	07/12/1999	04	P	AMACH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/12/1999	05	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/15/1999	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR