

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/17/02	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	50	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	PARTCLDY	
DEW	DRY	
SOIL MOISTURE	DRY/DRY	
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	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/16	
ASGROW 738RR	15.0/15.0	IN
05/24/2002		
*** PEST ***		
VELVETLEAF	---/13	
	2.00/4.00	IN
WATERHEMP, COMMO	---/19	
	2.00/4.00	IN
RAGWEED, COMMON	---/14	
	2.00/4.00	IN
LAMBSQUARTERS, C	---/19	
	1.00/3.00	IN
MORNINGGLORY, TA	---/15	
	1.00/3.00	IN
SMARTWEED, PENNS	---/16	
	2.00/4.00	IN
FOXTAIL, GIANT	---/12	
	2.00/6.00	IN
COCKLEBUR, COMMO	---/13	
	2.00/4.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Glyphosate Products in Roundup Ready Corn C-400

CREATED: 05/01/2002 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 36.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	AMATA	AMBEL	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/27/02	06/27/02	06/27/02	06/27/02	06/27/02
1A»NUP	3A99 3L	0.75	LAA 12	0	98	99	90	98
B»ACTIVATOR	90	0.25	PMV 12					91
C»LIQUID	AMS	5.00	PMV 12					
2A»NUP	0532 3L	0.75	LAA 12	0	99	99	94	98
B»ACTIVATOR	90	0.25	PMV 12					96
C»LIQUID	AMS	5.00	PMV 12					
3A»NUP	3A01 3L	0.75	LAA 12	0	99	99	94	99
B»LIQUID	AMS	5.00	PMV 12					93
4A»NUP	4B02 3L	0.75	LAA 12	0	99	99	96	99
B»LIQUID	AMS	5.00	PMV 12					96
5A»NUP	9E01 3L	0.75	LAA 12	0	99	99	94	99
B»LIQUID	AMS	5.00	PMV 12					93
6A»NUP	9E01 3L	0.38	LAA 12	0	96	95	80	92
B»LIQUID	AMS	5.00	PMV 12					75
7A»NU	3C 02 3AE	0.75	LAA 12	0	99	99	93	99
B»LIQUID	AMS	5.00	PMV 12					92
8A»NU	3C 02 3AE	0.38	LAA 12	0	99	99	92	95
B»LIQUID	AMS	5.00	PMV 12					88
9A»NUP	3G 02 3.7A	0.75	LAA 12	0	99	99	94	97
B»LIQUID	AMS	5.00	PMV 12					91
10A»NUP	3G 02 3.7A	0.38	LAA 12	0	99	98	84	91
B»LIQUID	AMS	5.00	PMV 12					83
11A	ROUNDUP ULTRA	0.75	LAA 12	0	99	99	97	98
B»LIQUID	AMS	5.00	PMV 12					96
12A	ROUNDUP ULTRA	0.38	LAA 12	0	99	99	93	96
B»LIQUID	AMS	5.00	PMV 12					88
13A»RNDUP	ULTRA MA	0.75	LAA 12	0	99	99	95	98
B»LIQUID	AMS	5.00	PMV 12					95
14A»RNDUP	ULTRA MA	0.38	LAA 12	0	98	99	90	94
B»LIQUID	AMS	5.00	PMV 12					86
15A»NUP	8D01 2.1L	0.49	LAA 12	3	99	99	99	99
B»LIQUID	AMS	5.00	PMV 12					
16A»NUP	8D01 2.1L	0.39	LAA 12	2	98	99	97	99
B»LIQUID	AMS	5.00	PMV 12					
17A	CHECK	0.00	NA 0	0	0	0	0	0
18A»TOUCHDOWN	3L	0.75	LAA 12	0	99	99	96	98
B»LIQUID	AMS	5.00	PMV 12					95
19A»CLEAROUT	41 PL	0.75	LAA 12	0	99	99	97	98
B»LIQUID	AMS	5.00	PMV 12					96
20A»WEATHERMAX	4.5	0.75	LAA 12	0	99	99	93	97
B»LIQUID	AMS	5.00	PMV 12					93
21A	CHECK	0.00	NA 0					
LSD (0.05)				1.49	0.852	1.00	4.00	2.41
STANDARD DEVIATION				0.735	0.422	0.512	2.00	1.19
								4.87
								2.41

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RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		XANST	ABUTH	PHBPU	ZEAMD	SETFA	AMATA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/27/02	06/27/02	06/27/02	07/16/02	07/16/02	07/16/02
1A»	NUP 3A99 3L	0.75	LAA 12	98	96	93	0	97	99
B»	ACTIVATOR 90	0.25	PMV 12						
C»	LIQUID AMS	5.00	PMV 12						
2A»	NUP 0532 3L	0.75	LAA 12	99	99	96	0	97	99
B»	ACTIVATOR 90	0.25	PMV 12						
C»	LIQUID AMS	5.00	PMV 12						
3A»	NUP 3A01 3L	0.75	LAA 12	99	98	93	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
4A»	NUP 4B02 3L	0.75	LAA 12	99	99	95	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
5A»	NUP 9E01 3L	0.75	LAA 12	99	98	94	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
6A»	NUP 9E01 3L	0.38	LAA 12	93	88	72	0	95	97
B»	LIQUID AMS	5.00	PMV 12						
7A»	NU 3C 02 3AE	0.75	LAA 12	99	95	88	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
8A»	NU 3C 02 3AE	0.38	LAA 12	97	94	88	0	99	98
B»	LIQUID AMS	5.00	PMV 12						
9A»	NUP 3G 02 3.7A	0.75	LAA 12	99	96	92	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
10A»	NUP 3G 02 3.7A	0.38	LAA 12	97	92	86	0	99	98
B»	LIQUID AMS	5.00	PMV 12						
11A	ROUNDUP ULTRA	0.75	LAA 12	99	99	94	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
12A	ROUNDUP ULTRA	0.38	LAA 12	95	93	91	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
13A»	RNDUP ULTRA MA	0.75	LAA 12	99	99	95	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
14A»	RNDUP ULTRA MA	0.38	LAA 12	97	91	83	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
15A»	NUP 8D01 2.1L	0.49	LAA 12	99	99	99	0	97	99
B»	LIQUID AMS	5.00	PMV 12						
16A»	NUP 8D01 2.1L	0.39	LAA 12	99	99	98	0	98	99
B»	LIQUID AMS	5.00	PMV 12						
17A	CHECK	0.00	NA 0	0	0	0	0	0	0
18A»	TOUCHDOWN 3L	0.75	LAA 12	99	97	92	0	99	99
B»	LIQUID AMS	5.00	PMV 12						
19A»	CLEAROUT 41 PL	0.75	LAA 12	98	98	95	0	98	99
B»	LIQUID AMS	5.00	PMV 12						
20A»	WEATHERMAX 4.5	0.75	LAA 12	98	96	93	0	98	99
B»	LIQUID AMS	5.00	PMV 12						
21A	CHECK	0.00	NA 0						
LSD (0.05)				1.90	3.30	4.27	0.00	1.62	1.00
STANDARD DEVIATION				0.943	1.63	2.11	0.00	0.80	0.502

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RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE	AMBEL	CHEAL	POLPY	XANST	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	07/16/02	07/16/02	07/16/02	07/16/02	07/16/02
1A»	NUP 3A99 3L	0.75	LAA 12	98	94	94	98	98
B»	ACTIVATOR 90	0.25	PMV 12					
C»	LIQUID AMS	5.00	PMV 12					
2A»	NUP 0532 3L	0.75	LAA 12	97	94	96	99	98
B»	ACTIVATOR 90	0.25	PMV 12					
C»	LIQUID AMS	5.00	PMV 12					
3A»	NUP 3A01 3L	0.75	LAA 12	98	96	97	99	99
B»	LIQUID AMS	5.00	PMV 12					
4A»	NUP 4B02 3L	0.75	LAA 12	98	98	98	99	99
B»	LIQUID AMS	5.00	PMV 12					
5A»	NUP 9E01 3L	0.75	LAA 12	99	97	99	99	99
B»	LIQUID AMS	5.00	PMV 12					
6A»	NUP 9E01 3L	0.38	LAA 12	93	88	93	98	97
B»	LIQUID AMS	5.00	PMV 12					
7A»	NU 3C 02 3AE	0.75	LAA 12	98	98	98	99	99
B»	LIQUID AMS	5.00	PMV 12					
8A»	NU 3C 02 3AE	0.38	LAA 12	91	87	88	99	94
B»	LIQUID AMS	5.00	PMV 12					
9A»	NUP 3G 02 3.7A	0.75	LAA 12	97	98	97	99	99
B»	LIQUID AMS	5.00	PMV 12					
10A»	NUP 3G 02 3.7A	0.38	LAA 12	91	88	86	99	94
B»	LIQUID AMS	5.00	PMV 12					
11A	ROUNDUP ULTRA	0.75	LAA 12	98	98	97	99	99
B»	LIQUID AMS	5.00	PMV 12					
12A	ROUNDUP ULTRA	0.38	LAA 12	94	92	93	99	98
B»	LIQUID AMS	5.00	PMV 12					
13A»	RNDUP ULTRA MA	0.75	LAA 12	98	96	97	99	99
B»	LIQUID AMS	5.00	PMV 12					
14A»	RNDUP ULTRA MA	0.38	LAA 12	91	90	90	99	96
B»	LIQUID AMS	5.00	PMV 12					
15A»	NUP 8D01 2.1L	0.49	LAA 12	99	98	99	99	99
B»	LIQUID AMS	5.00	PMV 12					
16A»	NUP 8D01 2.1L	0.39	LAA 12	99	98	99	99	99
B»	LIQUID AMS	5.00	PMV 12					
17A	CHECK	0.00	NA 0	0	0	0	0	0
18A»	TOUCHDOWN 3L	0.75	LAA 12	96	96	98	99	99
B»	LIQUID AMS	5.00	PMV 12					
19A»	CLEAROUT 41 PL	0.75	LAA 12	96	95	96	99	98
B»	LIQUID AMS	5.00	PMV 12					
20A»	WEATHERMAX 4.5	0.75	LAA 12	97	94	98	99	99
B»	LIQUID AMS	5.00	PMV 12					
21A	CHECK	0.00	NA 0					
LSD (0.05)				2.50	3.64	2.43	0.941	1.88
STANDARD DEVIATION				1.23	1.80	1.20	0.466	0.932
								3.53
								1.74

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/17/2002(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	06/27/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/27/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMATA	CON %	06/27/2002	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	06/27/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	CHEAL	CON %	06/27/2002	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	POLPY	CON %	06/27/2002	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	XANST	CON %	06/27/2002	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ABUTH	CON %	06/27/2002	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	PHBPU	CON %	06/27/2002	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ZEAMD	CON %	07/16/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	SETFA	CON %	07/16/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMATA	CON %	07/16/2002	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	AMBEL	CON %	07/16/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	CHEAL	CON %	07/16/2002	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	POLPY	CON %	07/16/2002	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	XANST	CON %	07/16/2002	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	ABUTH	CON %	07/16/2002	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	PHBPU	CON %	07/16/2002	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR