

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/15/01	05/14/01	AME
AIR TEMPERATURE	90	82	F
% REL.HUMIDITY	44	43	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	7.0	6.0	M/H
CLOUD COVER	CLEAR	---	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	MOTORIZED	
PROPELLANT	COMPRSCO2	PUMP	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	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	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
PIGWEEED, REDROOT		LOW/16 4.00/6.00	IN
LAMBSQUARTERS, C		LOW/19 6.00/8.00	IN
JIMSONWEED		HGH/16 6.00/8.00	IN
MORNINGGLORY, IV		MED/16 4.00/4.00	IN
FOXTAIL, GIANT		HGH/18 6.00/8.00	IN
CORN, DENT ASGROW 738RR 05/15/2001		NA/16 12.0/12.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

16 = 6 LEAVES UNFOLDED
 18 = 8 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105

CREATED: 05/04/2001 REVISED: 11/19/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	AMARE	DATST	ZEAMD	SETFA	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/15/01	06/15/01	06/15/01	06/15/01	06/25/01	
									06/25/01	
1A»	RNDUP ULTRA MA	0.75	LAA	12					0	99
B»	LIQUID AMS	2.50	PMV	12						
2A»	TOUCHDOWN 3L	0.75	LAA	12					0	96
B»	LIQUID AMS	2.50	PMV	12						
3A»	GLYPHOMAX PLUS	0.75	LAA	12					0	99
B»	LIQUID AMS	2.50	PMV	12						
4A»	RNDUP ULTRA MA	0.75	LAA	12					0	99
B»	LIQUID AMS	2.50	PMV	12						
C»	RNDUP ULTRA MA	0.56	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
5A»	TOUCHDOWN 3L	0.75	LAA	12					0	99
B»	LIQUID AMS	2.50	PMV	12						
C»	TOUCHDOWN 3L	0.56	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
6A»	GLYPHOMAX PLUS	0.75	LAA	12					0	96
B»	LIQUID AMS	2.50	PMV	12						
C»	GLYPHOMAX PLUS	0.56	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
7A	CHECK	0.00	NA	0		0	0	0	0	0
8A»	BICEP II MAGNU	1.93	LAA	9	0	99	99	99	0	99
B»	TOUCHDOWN 3L	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
9A»	BICEP II MAGNU	1.93	LAA	12					0	91
B»	TOUCHDOWN 3L	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
10A	HARNESS XTRA	1.87	LAA	9	0	98	99	99	0	98
B»	RNDUP ULTRA MA	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
11A	HARNESS XTRA	1.87	LAA	12					0	99
B»	RNDUP ULTRA MA	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
12A»	FULTIME 4SC	1.83	LAA	9	0	98	99	99	0	96
B»	GLYPHOMAX PLUS	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
13A»	FULTIME 4SC	1.83	LAA	12					0	99
B»	GLYPHOMAX PLUS	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
14A»	GUARDS MAX 5L	1.41	LAA	9	0	94	99	99	0	96
B»	RNDUP ULTRA MA	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	GUARDS MAX 5L	1.41	LAA	12					0	99
B»	RNDUP ULTRA MA	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A	PROWL 3.3EC	0.82	LAA	9	0	96	99	99	0	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP ULTRA MA	0.75	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
17A	PROWL 3.3EC	0.82	LAA	12					0	98
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP ULTRA MA	0.75	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMARE	DATST	ZEAMD	SETFA
				CON % 06/15/01	CON % 06/15/01	CON % 06/15/01	CON % 06/15/01	CON % 06/25/01	CON % 06/25/01
18A»RDYMASTR ATZ 4	2.00	LAA	12					0	90
	LSD (0.05)			0.00	3.32	0.00	0.00	0.00	5.53
	STANDARD DEVIATION			0.00	1.64	0.00	0.00	0.00	2.73

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105

CREATED: 05/04/2001 REVISED: 11/19/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		CHEAL	AMARE	DATST	IPOHE	ZEAMD	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/25/01	06/25/01	06/25/01	06/25/01	07/20/01
1A»	RNDUP ULTRA MA	0.75	LAA	12	99	99	99	83	0
B»	LIQUID AMS	2.50	PMV	12					98
2A»	TOUCHDOWN 3L	0.75	LAA	12	99	99	99	86	0
B»	LIQUID AMS	2.50	PMV	12					95
3A»	GLYPHOMAX PLUS	0.75	LAA	12	99	99	99	78	0
B»	LIQUID AMS	2.50	PMV	12					98
4A»	RNDUP ULTRA MA	0.75	LAA	12	99	99	99	80	0
B»	LIQUID AMS	2.50	PMV	12					98
C»	RNDUP ULTRA MA	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
5A»	TOUCHDOWN 3L	0.75	LAA	12	99	99	99	85	0
B»	LIQUID AMS	2.50	PMV	12					98
C»	TOUCHDOWN 3L	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
6A»	GLYPHOMAX PLUS	0.75	LAA	12	98	99	99	82	0
B»	LIQUID AMS	2.50	PMV	12					97
C»	GLYPHOMAX PLUS	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
7A	CHECK	0.00	NA	0	0	0	0	0	0
8A»	BICEP II MAGNU	1.93	LAA	9	99	98	99	86	0
B»	TOUCHDOWN 3L	0.75	LAA	12					99
C»	LIQUID AMS	2.50	PMV	12					
9A»	BICEP II MAGNU	1.93	LAA	12	99	97	99	95	0
B»	TOUCHDOWN 3L	0.75	LAA	12					95
C»	LIQUID AMS	2.50	PMV	12					
10A	HARNESS XTRA	1.87	LAA	9	99	99	99	98	0
B»	RNDUP ULTRA MA	0.75	LAA	12					92
C»	LIQUID AMS	2.50	PMV	12					
11A	HARNESS XTRA	1.87	LAA	12	97	99	99	99	0
B»	RNDUP ULTRA MA	0.75	LAA	12					99
C»	LIQUID AMS	2.50	PMV	12					
12A»	FULTIME 4SC	1.83	LAA	9	99	99	99	99	0
B»	GLYPHOMAX PLUS	0.75	LAA	12					89
C»	LIQUID AMS	2.50	PMV	12					
13A»	FULTIME 4SC	1.83	LAA	12	97	99	99	90	0
B»	GLYPHOMAX PLUS	0.75	LAA	12					99
C»	LIQUID AMS	2.50	PMV	12					
14A»	GUARDS MAX 5L	1.41	LAA	9	99	99	99	99	0
B»	RNDUP ULTRA MA	0.75	LAA	12					86
C»	LIQUID AMS	2.50	PMV	12					
15A»	GUARDS MAX 5L	1.41	LAA	12	99	98	99	91	0
B»	RNDUP ULTRA MA	0.75	LAA	12					99
C»	LIQUID AMS	2.50	PMV	12					
16A	PROWL 3.3EC	0.82	LAA	9	99	99	99	99	0
B	ATRAZINE DF	1.00	LAA	9					98
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
17A	PROWL 3.3EC	0.82	LAA	12	99	99	99	94	0
B	ATRAZINE DF	1.00	LAA	12					99
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	CHEAL CON %	AMARE CON %	DATST CON %	IPOHE CON %	ZEAMD CON %	SETFA CON %
	RATE	UNIT		06/25/01	06/25/01	06/25/01	06/25/01	07/20/01	07/20/01
18A»RDYMASTR ATZ 4	2.00	LAA 12		99	99	99	97	0	93
		LSD (0.05)		2.00	1.92	0.00	12.08	0.00	5.57
		STANDARD DEVIATION		1.00	0.95	0.00	6.00	0.00	2.75

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105
CREATED: 05/04/2001 **REVISED:** 11/19/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	CHEAL	AMARE	DATST	IPOHE	ZEAMD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/ACRE	
					07/20/01	07/20/01	07/20/01	10/25/01	
1A»	RNDUP ULTRA MA	0.75	LAA	12	99	99	99	83	202.8
B»	LIQUID AMS	2.50	PMV	12					
2A»	TOUCHDOWN 3L	0.75	LAA	12	99	99	99	85	183.2
B»	LIQUID AMS	2.50	PMV	12					
3A»	GLYPHOMAX PLUS	0.75	LAA	12	99	99	99	83	162.3
B»	LIQUID AMS	2.50	PMV	12					
4A»	RNDUP ULTRA MA	0.75	LAA	12	99	99	99	80	174.6
B»	LIQUID AMS	2.50	PMV	12					
C»	RNDUP ULTRA MA	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
5A»	TOUCHDOWN 3L	0.75	LAA	12	99	99	99	83	174.3
B»	LIQUID AMS	2.50	PMV	12					
C»	TOUCHDOWN 3L	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
6A»	GLYPHOMAX PLUS	0.75	LAA	12	98	99	99	86	208.2
B»	LIQUID AMS	2.50	PMV	12					
C»	GLYPHOMAX PLUS	0.56	LAA	13					
D»	LIQUID AMS	2.50	PMV	13					
7A	CHECK	0.00	NA	0	0	0	0	0	122.7
8A»	BICEP II MAGNU	1.93	LAA	9	99	99	99	88	166.2
B»	TOUCHDOWN 3L	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
9A»	BICEP II MAGNU	1.93	LAA	12	99	99	99	95	178.6
B»	TOUCHDOWN 3L	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
10A	HARNESS XTRA	1.87	LAA	9	99	99	99	99	154.0
B»	RNDUP ULTRA MA	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
11A	HARNESS XTRA	1.87	LAA	12	99	99	99	99	160.8
B»	RNDUP ULTRA MA	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
12A»	FULTIME 4SC	1.83	LAA	9	99	99	99	99	152.5
B»	GLYPHOMAX PLUS	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
13A»	FULTIME 4SC	1.83	LAA	12	96	99	99	93	177.1
B»	GLYPHOMAX PLUS	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
14A»	GUARDS MAX 5L	1.41	LAA	9	99	99	99	99	155.4
B»	RNDUP ULTRA MA	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
15A»	GUARDS MAX 5L	1.41	LAA	12	99	99	99	95	190.2
B»	RNDUP ULTRA MA	0.75	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
16A	PROWL 3.3EC	0.82	LAA	9	99	99	99	98	167.9
B	ATRAZINE DF	1.00	LAA	9					
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
17A	PROWL 3.3EC	0.82	LAA	12	99	99	99	98	194.1
B	ATRAZINE DF	1.00	LAA	12					
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: RESIDUAL COMBINATIONS FOR WEED CONTROL IN RR CORN - 3105

TRT	TREATMENT	DOSAGE	CHEAL	AMARE	DATST	IPOHE	ZEAMD
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	BU/ACRE
		UNIT	TM	07/20/01	07/20/01	07/20/01	10/25/01
18A»	RDYMASTR ATZ 4	2.00	LAA 12	99	99	99	98
							191.1
		LSD (0.05)		2.22	0.00	0.00	11.94
		STANDARD DEVIATION		1.10	0.00	0.00	5.91
							38.33
							19.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/15/2001(1)
 12 = ----- / POST 05/14/2001(2)
 13 = ----- / LPOST

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 %	06/15/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/15/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMARE	CON %	06/15/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	DATST	CON %	06/15/2001	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	06/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	06/25/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CHEAL	CON %	06/25/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMARE	CON %	06/25/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	DATST	CON %	06/25/2001	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	IPOHE	CON %	06/25/2001	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ZEAMD	CON %	07/20/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	SETFA	CON %	07/20/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	CHEAL	CON %	07/20/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	AMARE	CON %	07/20/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	DATST	CON %	07/20/2001	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	IPOHE	CON %	07/20/2001	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	ZEAMD	BU/ACRE	10/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR