

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	02	UNIT
TIMINGS	11	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/06/05	06/13/05	AME
AIR TEMPERATURE	84	89	F
% REL.HUMIDITY	40	52	
WIND DIRECTION	WEST	SOUTH	
WIND SPEED	3.0	10.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/13	---/15	
A3305RR	3.00/3.00	6.00/6.00	IN
05/11/2005			
*** PEST ***			
VELVETLEAF	---/12	---/13	
	1.00/1.00	2.00/4.00	IN
WATERHEMP, COMMO	---/18	---/19	
	1.00/1.00	1.00/3.00	IN
LAMBSQUARTERS, C	---/18	---/19	
	1.00/1.00	1.00/3.00	IN
MORNINGGLORY, TA	---/12	---/17	
	1.00/1.00	1.00/3.00	IN
FOXTAIL, GIANT	---/12	---/14	
	1.00/3.00	3.00/6.00	IN

* TIMING CODES

11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4 LEAVES UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
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: ET-751 and Glyphosate for Weed Control in Gyphosate Resistant Soybean
CREATED: 05/14/2005 **REVISED:** 11/07/2005 **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	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/20/05	06/20/05	06/20/05	06/20/05
1A»	ROUNDUP ORIGIN	0.75	LAA	12	0	98	53	73
B»	ACTIVATOR 90	0.50	PMV	12				63
C»	LIQUID AMS	2.50	PMV	12				65
2A	SELECT (2EC)	0.094	LAA	11	22	90	67	77
B»	COC	1.00	PMV	11				75
C»	ET-751 0.21L	0.0016	LAA	12				82
D»	ACTIVATOR 90	0.50	PMV	12				
E»	LIQUID AMS	2.50	PMV	12				
3A	SELECT (2EC)	0.094	LAA	11	30	97	80	84
B»	COC	1.00	PMV	11				91
C»	ET-751 0.21L	0.0033	LAA	12				94
D»	ACTIVATOR 90	0.50	PMV	12				
E»	LIQUID AMS	2.50	PMV	12				
4A»	ROUNDUP ORIGIN	0.75	LAA	12	17	99	89	95
B»	ET-751 0.21L	0.0008	LAA	12				98
C»	ACTIVATOR 90	0.50	PMV	12				94
D»	LIQUID AMS	2.50	PMV	12				
5A»	ROUNDUP ORIGIN	0.75	LAA	12	18	99	95	99
B»	ET-751 0.21L	0.0012	LAA	12				99
C»	ACTIVATOR 90	0.50	PMV	12				97
D»	LIQUID AMS	2.50	PMV	12				
6A»	ROUNDUP ORIGIN	0.75	LAA	12	27	99	99	99
B»	ET-751 0.21L	0.0016	LAA	12				98
C»	ACTIVATOR 90	0.50	PMV	12				
D»	LIQUID AMS	2.50	PMV	12				
7A»	ROUNDUP ORIGIN	0.75	LAA	12	18	99	92	97
B	AIM EC	0.008	LAA	12				99
C»	ACTIVATOR 90	0.50	PMV	12				97
D»	LIQUID AMS	2.50	PMV	12				
8A»	ROUNDUP ORIGIN	0.75	LAA	12	3	98	95	96
B	RESOURCE (0.86	0.0067	LAA	12				99
C»	ACTIVATOR 90	0.50	PMV	12				90
D»	LIQUID AMS	2.50	PMV	12				
9A»	ROUNDUP ORIGIN	0.75	LAA	12	8	99	95	92
B	HARMONY GT	0.002	LAA	12				94
C»	ACTIVATOR 90	0.50	PMV	12				89
D»	LIQUID AMS	2.50	PMV	12				
10A»	ROUNDUP ORIGIN	0.75	LAA	12	15	99	96	94
B	HARMONY GT	0.004	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				93
D»	LIQUID AMS	2.50	PMV	12				
11A»	ROUNDUP ORIGIN	0.75	LAA	12	22	99	97	97
B	HARMONY GT	0.004	LAA	12				98
C»	ACTIVATOR 90	0.50	PMV	12				92
D»	LIQUID AMS	2.50	PMV	12				
E	CLASSIC 25WG	0.004	LAA	12				
12A»	ROUNDUP ORIGIN	0.75	LAA	12	3	99	88	95
B	BUTYRAC 2SL	0.031	LAA	12				92
C»	ACTIVATOR 90	0.50	PMV	12				87
D»	LIQUID AMS	2.50	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	0
14A	RAPTOR 1SL	0.031	LAA	12	32	99	96	99
B»	ET-751 0.21L	0.0008	LAA	12				99
C»	MSO	1.00	PMV	12				98
D»	LIQUID AMS	2.50	PMV	12				

TITLE: ET-751 and Glyphosate for Weed Control in Gyphosate Resistant Soybean

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05	CON % 06/20/05
15A	RAPTOR 1SL	0.031	LAA 12	35	99	99	99	99	99
	B»ET-751 0.21L	0.0016	LAA 12						
	C»MSO	1.00	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
16A	RAPTOR 1SL	0.031	LAA 12	8	98	82	58	94	83
	B»MSO	1.00	PMV 12						
	C»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		8.00	1.88	9.13	7.00	6.59	6.72
		STANDARD DEVIATION		3.90	0.919	4.47	3.43	3.23	3.29

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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	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/11/05	07/11/05	07/11/05	07/11/05
1A»	ROUNDUP ORIGIN	0.75	LAA	12	0	84	85	95
B»	ACTIVATOR 90	0.50	PMV	12				83
C»	LIQUID AMS	2.50	PMV	12				72
2A	SELECT (2EC)	0.094	LAA	11	0	78	92	78
B»	COC	1.00	PMV	11				68
C»	ET-751 0.21L	0.0016	LAA	12				83
D»	ACTIVATOR 90	0.50	PMV	12				
E»	LIQUID AMS	2.50	PMV	12				
3A	SELECT (2EC)	0.094	LAA	11	0	77	95	86
B»	COC	1.00	PMV	11				87
C»	ET-751 0.21L	0.0033	LAA	12				
D»	ACTIVATOR 90	0.50	PMV	12				
E»	LIQUID AMS	2.50	PMV	12				
4A»	ROUNDUP ORIGIN	0.75	LAA	12	0	87	98	98
B»	ET-751 0.21L	0.0008	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				89
D»	LIQUID AMS	2.50	PMV	12				
5A»	ROUNDUP ORIGIN	0.75	LAA	12	0	85	99	99
B»	ET-751 0.21L	0.0012	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				93
D»	LIQUID AMS	2.50	PMV	12				
6A»	ROUNDUP ORIGIN	0.75	LAA	12	0	88	99	99
B»	ET-751 0.21L	0.0016	LAA	12				98
C»	ACTIVATOR 90	0.50	PMV	12				93
D»	LIQUID AMS	2.50	PMV	12				
7A»	ROUNDUP ORIGIN	0.75	LAA	12	0	87	88	97
B	AIM EC	0.008	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				88
D»	LIQUID AMS	2.50	PMV	12				
8A»	ROUNDUP ORIGIN	0.75	LAA	12	0	85	99	99
B	RESOURCE (0.86	0.0067	LAA	12				99
C»	ACTIVATOR 90	0.50	PMV	12				91
D»	LIQUID AMS	2.50	PMV	12				
9A»	ROUNDUP ORIGIN	0.75	LAA	12	0	87	97	98
B	HARMONY GT	0.002	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				93
D»	LIQUID AMS	2.50	PMV	12				
10A»	ROUNDUP ORIGIN	0.75	LAA	12	0	88	96	96
B	HARMONY GT	0.004	LAA	12				96
C»	ACTIVATOR 90	0.50	PMV	12				90
D»	LIQUID AMS	2.50	PMV	12				
11A»	ROUNDUP ORIGIN	0.75	LAA	12	0	86	99	98
B	HARMONY GT	0.004	LAA	12				99
C»	ACTIVATOR 90	0.50	PMV	12				93
D»	LIQUID AMS	2.50	PMV	12				
E	CLASSIC 25WG	0.004	LAA	12				
12A»	ROUNDUP ORIGIN	0.75	LAA	12	0	87	98	99
B	BUTYRAC 2SL	0.031	LAA	12				97
C»	ACTIVATOR 90	0.50	PMV	12				92
D»	LIQUID AMS	2.50	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	0
14A	RAPTOR 1SL	0.031	LAA	12	0	95	98	87
B»	ET-751 0.21L	0.0008	LAA	12				99
C»	MSO	1.00	PMV	12				96
D»	LIQUID AMS	2.50	PMV	12				

TITLE: ET-751 and Glyphosate for Weed Control in Gyphosate Resistant Soybean

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					07/11/05	07/11/05	07/11/05	07/11/05		
15A	RAPTOR 1SL	0.031	LAA	12	0	95	99	94	99	98
	B»ET-751 0.21L	0.0016	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	RAPTOR 1SL	0.031	LAA	12	0	97	96	83	99	96
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	4.48	4.10	6.91	3.92	5.35
		STANDARD DEVIATION			0.00	2.20	2.00	3.39	1.92	2.62

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/06/2005(1)
 12 = ----- / POST 06/13/2005(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/20/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/20/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/20/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/20/2005	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/20/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/20/2005	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/11/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/11/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/11/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/11/2005	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/11/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/11/2005	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = A3305RR