

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 29 FEET
 PLOT AREA: 290 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/20/08	06/11/08	06/19/08	06/30/08	AME
AIR TEMPERATURE	63	78	77	75	F
% REL.HUMIDITY	40	58	40	53	
WIND DIRECTION	NORTHWEST	SOUTH	NORTHWEST	NORTHWEST	
WIND SPEED	7.0	12.0	4.0	8.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	CLEAR	CLEAR	
DEW	---	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/13	---/15	---/18	
PIONEER 33N12		6.00/7.00	12.0/14.0	23.0/25.0	IN
05/19/2008					
*** PEST ***					
VELVETLEAF		---/11	---/13	---/13	
		0.50/1.50	1.00/3.00	2.00/2.00	IN
RAGWEED, GIANT		---/14	---/16	---/16	
		1.00/4.00	3.00/8.00	4.00/8.00	IN
LAMBSQUARTERS, C		---/14	---/18	---/18	
		0.50/1.50	1.00/3.00	1.00/3.00	IN
FOXTAIL, GIANT		---/13	---/15	---/15	
		1.00/3.00	1.00/6.00	2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 13 = 3 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8 LEAVES UNFOLDED

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500
CREATED: 04/19/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD INJ 06/11/08	SETFA PRE 06/11/08	AMBTR PRE 06/11/08	ABUTH PRE 06/11/08	CHEAL PRE 06/11/08	ZEAMD 10 DAT 06/19/08
		RATE	UNIT	TM						
1A	BICEP II MAG	1.44	LAA	9	0	99	17	17	99	C
2A	BICEP II MAG	1.44	LAA	9	0	99	37	27	99	0
	B>IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
3A	BICEP II MAG	1.44	LAA	9	0	99	37	27	99	0
	B>LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	HARNESS (7EC)	1.09	LAA	9	0	99	20	30	99	0
	B>IMPACT 2.8SC	0.011	LAA	12						
	C>RNDUP POWERMAX	0.77	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
5A	HARNESS (7EC)	1.09	LAA	9	0	99	20	30	99	0
	B>IMPACT 2.8SC	0.011	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D>RNDUP POWERMAX	0.77	LAA	12						
	E>LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	0	99	23	40	99	0
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
7A	GUARDSMAN MAX	2.50	LAA	9	0	99	50	50	99	0
	B>STATUS 56DG	0.175	LAA	12						
	C>ACTIVATOR 90	0.25	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
8A	GUARDSMAN MAX	1.56	LAA	9	0	99	33	57	99	0
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>STATUS 56DG	0.088	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
9A>	SURESTART 4.16	1.04	LAA	9	0	99	50	43	99	0
	B>DURANGO 4AE	0.75	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
10A>	SURESTART 4.16	1.04	LAA	9	0	99	55	50	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C>DURANGO 4AE	0.75	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
11A>	CORVUS 2.6SC	0.091	LAA	9	0	97	83	99	99	0
	B>IGNITE 2.33SL	0.40	LAA	12						
	C>LAUDIS 3.5SC	0.055	LAA	12						
	D>LIQUID AMS	5.00	PMV	12						
12A	HARNESS XTRA	2.10	LAA	9	0	99	55	43	99	0
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>STATUS 56DG	0.088	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
13A	LUMAX	1.48	LAA	9	0	99	53	99	99	0
	B>HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D>ACTIVATOR 90	0.25	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD INJ 06/11/08	SETFA PRE 06/11/08	AMBTR PRE 06/11/08	ABUTH PRE 06/11/08	CHEAL PRE 06/11/08	ZEAMD 10 DAT 06/19/08
		RATE	UNIT							
15A»	SURESTART 4.16	1.04	LAA	9	0	99	52	57	99	0
	B»SURESTART 4.16	1.04	LAA	12						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	C	C	0
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
17A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	C	C	0
	B»STATUS 56DG	0.175	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
18A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	C	C	0
	B»LIQUID AMS	2.50	PMV	11						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
LSD (0.05)					0.00	0.778	18.50	15.73	0.00	0.00
STANDARD DEVIATION					0.00	0.385	9.16	7.78	0.00	0.00

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500
CREATED: 04/19/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	30 DAT 07/09/08	30 DAT 07/09/08
1A	BICEP II MAG	1.44	LAA	9	C	C	C	C	0	96
2A	BICEP II MAG	1.44	LAA	9	99	94	98	99	0	98
	B»IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
3A	BICEP II MAG	1.44	LAA	9	99	97	99	99	0	98
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	HARNESS (7EC)	1.09	LAA	9	99	93	98	99	0	98
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	HARNESS (7EC)	1.09	LAA	9	99	92	99	99	0	99
	B»IMPACT 2.8SC	0.011	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	98	86	98	99	0	97
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A	GUARDSMAN MAX	2.50	LAA	9	99	95	96	99	0	99
	B»STATUS 56DG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
8A	GUARDSMAN MAX	1.56	LAA	9	99	97	98	99	0	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	SURESTART 4.16	1.04	LAA	9	99	94	98	99	0	98
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	SURESTART 4.16	1.04	LAA	9	99	96	99	99	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
11A»	CORVUS 2.6SC	0.091	LAA	9	99	98	98	99	0	98
	B»IGNITE 2.33SL	0.40	LAA	12						
	C»LAUDIS 3.5SC	0.055	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
12A	HARNESS XTRA	2.10	LAA	9	99	97	98	99	0	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
13A	LUMAX	1.48	LAA	9	99	99	99	99	0	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT TM	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	30 DAT 07/09/08	30 DAT 07/09/08
15A»	SURESTART 4.16	1.04	LAA 9	99	96	99	99	0	99
	B»SURESTART 4.16	1.04	LAA 12						
	C»DURANGO 4AE	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
16A»	RNDUP POWERMAX	0.77	LAA 11	99	90	99	98	0	92
	B»STATUS 56DG	0.088	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
17A»	RNDUP POWERMAX	0.77	LAA 11	98	93	99	98	0	92
	B»STATUS 56DG	0.175	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
18A»	RNDUP POWERMAX	0.77	LAA 11	99	88	99	97	0	98
	B»LIQUID AMS	2.50	PMV 11						
	C»RNDUP POWERMAX	0.77	LAA 13						
	D»LIQUID AMS	2.50	PMV 13						
LSD (0.05)				0.741	3.58	0.842	0.815	0.00	3.77
STANDARD DEVIATION				0.367	1.77	0.417	0.403	0.00	1.87

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500
CREATED: 04/19/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	ABUTH	CHEAL	YIELD
		RATE	UNIT	TM	30 DAT 07/09/08	30 DAT 07/09/08	30 DAT 07/09/08	BU/A 11/10/08
1A	BICEP II MAG	1.44	LAA	9	3	47	94	82.6
2A	BICEP II MAG	1.44	LAA	9	58	89	99	245.5
	B»IMPACT 2.8SC	0.016	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
3A	BICEP II MAG	1.44	LAA	9	70	96	99	240.3
	B»LAUDIS 3.5SC	0.082	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
4A	HARNESS (7EC)	1.09	LAA	9	97	98	98	234.9
	B»IMPACT 2.8SC	0.011	LAA	12				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
5A	HARNESS (7EC)	1.09	LAA	9	93	98	99	223.7
	B»IMPACT 2.8SC	0.011	LAA	12				
	C ATRAZINE DF	0.75	LAA	12				
	D»RNDUP POWERMAX	0.77	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
6A	HARNESS (7EC)	1.09	LAA	9	84	98	99	227.6
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
7A	GUARDSMAN MAX	2.50	LAA	9	97	96	99	237.1
	B»STATUS 56DG	0.175	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
8A	GUARDSMAN MAX	1.56	LAA	9	96	97	99	229.6
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»STATUS 56DG	0.088	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
9A»	SURESTART 4.16	1.04	LAA	9	87	96	99	228.4
	B»DURANGO 4AE	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
10A»	SURESTART 4.16	1.04	LAA	9	95	99	99	223.3
	B ATRAZINE DF	1.00	LAA	9				
	C»DURANGO 4AE	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
11A»	CORVUS 2.6SC	0.091	LAA	9	98	98	99	228.9
	B»IGNITE 2.33SL	0.40	LAA	12				
	C»LAUDIS 3.5SC	0.055	LAA	12				
	D»LIQUID AMS	5.00	PMV	12				
12A	HARNESS XTRA	2.10	LAA	9	97	96	99	228.5
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»STATUS 56DG	0.088	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
13A	LUMAX	1.48	LAA	9	98	99	99	227.8
	B»HALEX GT 4.38L	1.97	LAA	12				
	C ATRAZINE DF	1.00	LAA	12				
	D»ACTIVATOR 90	0.25	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
14A	CHECK	0.00	NA	0	0	0	0	9.6

TITLE: Weed control programs in glyphosate-resistant corn. SW-1500

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMBTR 30 DAT 07/09/08	ABUTH 30 DAT 07/09/08	CHEAL 30 DAT 07/09/08	YIELD BU/A 11/10/08
15A>>SURESTART 4.16	1.04	LAA	9	93	97	99	230.2
B>>SURESTART 4.16	1.04	LAA	12				
C>>DURANGO 4AE	0.75	LAA	12				
D>>LIQUID AMS	2.50	PMV	12				
16A>>RNDUP POWERMAX	0.77	LAA	11	50	96	92	237.6
B>>STATUS 56DG	0.088	LAA	11				
C>>LIQUID AMS	2.50	PMV	11				
17A>>RNDUP POWERMAX	0.77	LAA	11	73	92	98	235.8
B>>STATUS 56DG	0.175	LAA	11				
C>>LIQUID AMS	2.50	PMV	11				
18A>>RNDUP POWERMAX	0.77	LAA	11	87	99	94	248.6
B>>LIQUID AMS	2.50	PMV	11				
C>>RNDUP POWERMAX	0.77	LAA	13				
D>>LIQUID AMS	2.50	PMV	13				
	LSLSD (0.05)			10.94	7.46	4.00	27.35
	STANDARD DEVIATION			5.41	3.69	2.00	13.53

>> = SUPPLEMENTAL CHEMICAL ---,M,C,D = MISSING DATA

*** TIMING CODES**
00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/20/2008(1)
11 = ----- / EPOST 06/11/2008(2)
12 = ----- / POST 06/19/2008(3)
13 = ----- / LPOST 06/30/2008(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	INJ	06/11/2008	01	P	ZEAMD	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	06/11/2008	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	06/11/2008	03	P	AMBTR	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	06/11/2008	04	P	ABUTH	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	PRE	06/11/2008	05	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	10 DAT	06/19/2008	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	06/19/2008	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	10 DAT	06/19/2008	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	10 DAT	06/19/2008	04	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/19/2008	05	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	30 DAT	07/09/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	07/09/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	30 DAT	07/09/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	30 DAT	07/09/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	30 DAT	07/09/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	11/10/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = PIONEER 33N12

*** STAGE CODE**
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED