

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 40 FEET
 PLOT AREA: 400 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/19/11	06/19/11	06/29/11	AME
AIR TEMPERATURE	80	85	84	F
% REL.HUMIDITY	65	57	41	
WIND DIRECTION	SOUTHWEST	WEST	NA/NONE/U	
WIND SPEED	3.0	1.5	0.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
SOYBEAN		---/01	---/17	
GLYPHOSTAE TOLER		8.00/8.00	14.0/14.0	IN
05/19/2011				
*** PEST ***				
WATERHEMP, COMMO		---/19	---/19	
		2.00/10.0	2.00/14.0	IN

* TIMING CODES

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

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Zidua Preemergence for Control of Glyph. Resis. WH in Soybean. Douglas Co.

CREATED: 04/16/2011 REVISED: 08/15/2011

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Douglas Co.

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 40.00 FT LONG

PLOT AREA: 400.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/06/11	06/06/11	06/28/11	06/28/11	07/05/11	07/05/11
1A»	RNDUP POWERMAX	0.77	LAA 12	C	C	0	10	0	12
B»	LIQUID AMS	2.50	PMV 12						
2A»	ZIDUA 85WG	0.133	LAA 9	5	99	0	91	0	95
B»	SHARPEN 2.85L	0.022	LAA 9						
C»	RNDUP POWERMAX	0.77	LAA 13						
D»	LIQUID AMS	2.50	PMV 13						
3A»	ZIDUA 85WG	0.16	LAA 9	5	99	1	96	0	99
B»	SHARPEN 2.85L	0.022	LAA 9						
C»	RNDUP POWERMAX	0.77	LAA 13						
D»	LIQUID AMS	2.50	PMV 13						
4A»	ZIDUA 85WG	0.08	LAA 9	10	99	4	92	0	92
B	VALOR 51WG	0.064	LAA 9						
C»	RNDUP POWERMAX	0.77	LAA 13						
D»	LIQUID AMS	2.50	PMV 13						
5A»	ZIDUA 85WG	0.133	LAA 9	4	99	2	95	0	96
B»	VERDICT 5.57L	0.22	LAA 9						
C»	RNDUP POWERMAX	0.77	LAA 13						
D»	LIQUID AMS	2.50	PMV 13						
6A»	VALOR XLT 40WG	0.075	LAA 0	3	99	1	60	0	60
B	CLASSIC 25WG	0.019	LAA 9						
C	VALOR 51WG	0.056	LAA 9						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
7A»	AUTHOR. FIRST	0.14	LAA 9	2	99	0	63	0	63
B»	RNDUP POWERMAX	0.77	LAA 13						
C»	LIQUID AMS	2.50	PMV 13						
8A»	ZIDUA 85WG	0.133	LAA 12	C	C	20	96	13	93
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	ZIDUA 85WG	0.133	LAA 12	C	C	7	77	3	72
B	EXTREME 2.17SL	0.83	LAA 12						
C»	RNDUP POWERMAX	0.77	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
10A»	WARRANT 3L	1.125	LAA 12	C	C	15	96	5	93
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
11A»	PREFIX 5.32SL	1.33	LAA 12	C	C	14	92	7	87
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	ANTHEM 2.15SE	0.168	LAA 12	C	C	14	83	10	83
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A	SELECT MAX	0.045	LAA 11	C	C	23	96	20	92
B	STORM 4SL	0.75	LAA 12						
C»	COC	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
14A	SELECT MAX	0.045	LAA 11	C	C	20	92	20	92
B	ULTRA BLAZER	0.25	LAA 12						
C»	COC	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
15A	ULTRA BLAZER	0.125	LAA 12	C	C	7	92	1	90
B»	RNDUP POWERMAX	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						

TITLE: Zidua Preemergence for Control of Glyph. Resis. WH in Soybean. Douglas Co.

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA CON %		AMATA CON %		GLXMA CON %		AMATA CON %	
		RATE	UNIT		06/06/11	06/06/11	06/28/11	06/28/11	07/05/11	07/05/11	07/05/11	07/05/11
16A	ULTRA BLAZER	0.125	LAA	12	C	C	4	85	0	88		
	B»RNDUP POWERMAX	1.00	LAA	12								
	C»LIQUID AMS	2.50	PMV	12								
		LSD (0.05)			2.65	0.00	2.64	6.91	2.72	7.82		
		STANDARD DEVIATION			1.30	0.00	1.29	3.38	1.33	3.83		

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PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co. **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 40.00 FT LONG
PLOT AREA: 400.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %
			07/15/11	07/15/11
1A»	RNDUP POWERMAX	0.77	LAA 12	0
B»	LIQUID AMS	2.50	PMV 12	10
2A»	ZIDUA 85WG	0.133	LAA 9	0
B»	SHARPEN 2.85L	0.022	LAA 9	93
C»	RNDUP POWERMAX	0.77	LAA 13	
D»	LIQUID AMS	2.50	PMV 13	
3A»	ZIDUA 85WG	0.16	LAA 9	0
B»	SHARPEN 2.85L	0.022	LAA 9	96
C»	RNDUP POWERMAX	0.77	LAA 13	
D»	LIQUID AMS	2.50	PMV 13	
4A»	ZIDUA 85WG	0.08	LAA 9	0
B	VALOR 51WG	0.064	LAA 9	88
C»	RNDUP POWERMAX	0.77	LAA 13	
D»	LIQUID AMS	2.50	PMV 13	
5A»	ZIDUA 85WG	0.133	LAA 9	0
B»	VERDICT 5.57L	0.22	LAA 9	90
C»	RNDUP POWERMAX	0.77	LAA 13	
D»	LIQUID AMS	2.50	PMV 13	
6A»	VALOR XLT 40WG	0.075	LAA 0	0
B	CLASSIC 25WG	0.019	LAA 9	53
C	VALOR 51WG	0.056	LAA 9	
D»	RNDUP POWERMAX	0.77	LAA 13	
E»	LIQUID AMS	2.50	PMV 13	
7A»	AUTHOR. FIRST	0.14	LAA 9	0
B»	RNDUP POWERMAX	0.77	LAA 13	60
C»	LIQUID AMS	2.50	PMV 13	
8A»	ZIDUA 85WG	0.133	LAA 12	7
B»	RNDUP POWERMAX	0.77	LAA 12	88
C»	LIQUID AMS	2.50	PMV 12	
9A»	ZIDUA 85WG	0.133	LAA 12	0
B	EXTREME 2.17SL	0.83	LAA 12	52
C»	RNDUP POWERMAX	0.77	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
10A»	WARRANT 3L	1.125	LAA 12	3
B»	RNDUP POWERMAX	0.77	LAA 12	85
C»	LIQUID AMS	2.50	PMV 12	
11A»	PREFIX 5.32SL	1.33	LAA 12	3
B»	RNDUP POWERMAX	0.77	LAA 12	77
C»	LIQUID AMS	2.50	PMV 12	
12A»	ANTHEM 2.15SE	0.168	LAA 12	3
B»	RNDUP POWERMAX	0.77	LAA 12	70
C»	LIQUID AMS	2.50	PMV 12	
13A	SELECT MAX	0.045	LAA 11	12
B	STORM 4SL	0.75	LAA 12	82
C»	COC	1.00	PMV 12	
D»	LIQUID AMS	2.50	PMV 12	
14A	SELECT MAX	0.045	LAA 11	8
B	ULTRA BLAZER	0.25	LAA 12	80
C»	COC	1.00	PMV 12	
D»	LIQUID AMS	2.50	PMV 12	
15A	ULTRA BLAZER	0.125	LAA 12	0
B»	RNDUP POWERMAX	0.75	LAA 12	82
C»	LIQUID AMS	2.50	PMV 12	

TITLE: Zidua Preemergence for Control of Glyph. Resis. WH in Soybean. Douglas Co.

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/15/11	AMATA CON % 07/15/11
16A ULTRA BLAZER	0.125	LAA	12	0	83
B»RNDUP POWERMAX	1.00	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
LSD (0.05)				5.46	12.06
STANDARD DEVIATION				2.67	5.91

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/19/2011(1)
 11 = ----- / EPOST
 12 = ----- / POST 06/19/2011(2)
 13 = ----- / LPOST 06/29/2011(3)

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 %	06/06/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/06/2011	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/28/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/28/2011	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/05/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/05/2011	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/15/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/15/2011	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = GLYPHOSTAE TOLERANT