

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	05	06	10	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/20/07	05/02/07	05/18/07	05/30/07	AME
AIR TEMPERATURE	50	70	78	81	F
% REL.HUMIDITY	35	55	14	52	
WIND DIRECTION	EAST	NORTHEAST	WEST	SOUTH	
WIND SPEED	4.0	6.0	1.0	7.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	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	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT	---/00	---/00	---/11	---/15	
DEKALB 61-69	/	/	3.00/5.00	10.0/12.0	IN
05/07/2007					
*** PEST ***					
LAMBSQUARTERS, C	---/13	---/14	---/18	---/19	
	0.50/0.50	1.00/1.00	1.00/3.00	2.00/4.00	IN
MORNINGGLORY, IV	---/00	---/10	---/12	---/19	
	0.00/0.00	0.50/0.50	1.00/2.00	2.00/6.00	IN
HENBIT	---/15	---/17	---/19	---/19	
	1.00/3.00	1.00/4.00	3.00/5.00	4.00/6.00	IN
SMARTWEED, PENNS	---/12	---/18	---/16	---/19	
	1.00/1.00	1.00/2.00	2.00/4.00	4.00/6.00	IN
FOXTAIL, GIANT	---/00	---/11	---/13	---/15	
	0.00/0.00	0.50/0.50	4.00/8.00	3.00/8.00	IN
CHICKWEED, COMMO	---/15	---/19	---/19	---/19	
	1.00/2.00	2.00/4.00	3.00/5.00	3.00/6.00	IN
DANDELION, COMMO	---/18	---/19	---/19	---/19	
	1.00/2.00	2.00/4.00	3.00/5.00	4.00/8.00	IN

* TIMING CODES

05 = ----- / EPP 15DBP
06 = ----- / EPP 7DBP
10 = ----- / VEPOST
12 = ----- / POST

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
00 = DRY SEED (CARYOPSIS)

* STAGE CODE

00 = DRY SEED; DORMANCY
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
11 = FIRST LEAF UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
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: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

CREATED: 04/04/2007 **REVISED:** 10/25/2007

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		STEME CON %	LAMAM CON %	TAROF CON %	CHEAL CON %	POLPY CON %	SETFA CON %
		RATE	UNIT						
NUM	COMPONENT		TM	05/11/07	05/11/07	05/11/07	05/11/07	05/11/07	05/11/07
1A	GLYFOS EXTRA 3	0.75	LAA 5	91	88	82	83	89	60
B	METRI DF 75D	0.125	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
2A	GLYFOS EXTRA 3	0.75	LAA 5	93	93	84	84	85	43
B	METRI DF 75D	0.188	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
3A	GLYFOS EXTRA 3	0.75	LAA 5	96	93	86	88	91	58
B	METRI DF 75D	0.25	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
4A	GLYFOS EXTRA 3	0.75	LAA 5	92	89	78	65	78	40
B	METRI DF 75D	0.094	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	GLYFOS EXTRA 3	0.75	LAA 12						
E	METRI DF 75D	0.094	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
5A	GLYFOS EXTRA 3	0.75	LAA 5	93	91	90	52	55	30
B	(G)2,4-D-ESTER	0.50	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	GLYFOS EXTRA 3	0.75	LAA 12						
E	METRI DF 75D	0.125	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
6A	GLYFOS EXTRA 3	0.75	LAA 5	94	92	90	52	58	27
B	(G)2,4-D-ESTER	0.50	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	GLYFOS EXTRA 3	0.75	LAA 12						
E	METRI DF 75D	0.188	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
7A	GLYFOS EXTRA 3	0.75	LAA 5	93	91	89	53	53	27
B	(G)2,4-D-ESTER	0.50	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	GLYFOS EXTRA 3	0.75	LAA 12						
E	METRI DF 75D	0.25	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
8A	GLYFOS EXTRA 3	0.75	LAA 5	86	80	55	23	30	13
B	LIQUID AMS	2.50	PMV 5						
C	GLYFOS EXTRA 3	0.75	LAA 12						
D	ATRAZINE DF	1.00	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
9A	GLYFOS EXTRA 3	0.75	LAA 6	99	99	99	99	99	99
B	BICEP II MAG	2.90	LAA 6						
C	ACTIVATOR 90	0.25	PMV 6						
D	LIQUID AMS	2.50	PMV 6						
10A	ET-751 0.21L	0.0012	LAA 6	99	99	99	99	99	99
B	GLYFOS EXTRA 3	0.75	LAA 6						
C	BICEP II MAG	2.90	LAA 6						
D	ACTIVATOR 90	0.25	PMV 6						
E	LIQUID AMS	2.50	PMV 6						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	GLYFOS EXTRA 3	0.75	LAA 6	99	99	99	99	99	98
B	(G)2,4-D-ESTER	0.50	LAA 6						
C	BICEP II MAG	2.90	LAA 6						
D	ACTIVATOR 90	0.25	PMV 6						
E	LIQUID AMS	2.50	PMV 6						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 05/11/07	LAMAM CON % 05/11/07	TAROF CON % 05/11/07	CHEAL CON % 05/11/07	POLPY CON % 05/11/07	SETFA CON % 05/11/07
		RATE	UNIT						
13A	GLYFOS EXTRA 3	0.75	LAA 10	C	C	C	C	C	C
	B BICEP II MAG	2.90	LAA 10						
	C»ACTIVATOR 90	0.25	PMV 10						
	D»LIQUID AMS	2.50	PMV 10						
14A	ET-751 0.21L	0.0012	LAA 10	C	C	C	C	C	C
	B»GLYFOS EXTRA 3	0.75	LAA 10						
	C BICEP II MAG	2.90	LAA 10						
	D»ACTIVATOR 90	0.25	PMV 10						
	E»LIQUID AMS	2.50	PMV 10						
15A	GLYFOS EXTRA 3	0.75	LAA 10	C	C	C	C	C	C
	B (G)2,4-D-ESTER	0.50	LAA 10						
	C BICEP II MAG	2.90	LAA 10						
	D»ACTIVATOR 90	0.25	PMV 10						
	E»LIQUID AMS	2.50	PMV 10						
16A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	98
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
17A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
18A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
19A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
20A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
21A	GLYFOS EXTRA 3	0.75	LAA 5	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»LEXAR 3.7L	3.24	LAA 5						
	D»ACTIVATOR 90	0.25	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
22A	WEATHERMAX 4.5	0.75	LAA 5	99	99	99	99	99	98
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C»KIH-485 85WG	0.19	LAA 5						
	D ATRAZINE DF	2.00	LAA 5						
	E»LIQUID AMS	2.50	PMV 5						
23A	RESOLVE 25DF	0.016	LAA 5	99	99	99	99	99	90
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C BALANCE PRO 4	0.031	LAA 5						
	D ATRAZINE DF	1.00	LAA 5						
	E»COC	1.00	PMV 5						
	F»LIQUID AMS	2.50	PMV 5						
	G»WEATHERMAX 4.5	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
24A	LEXAR 3.7L	3.24	LAA 5	99	99	99	99	99	99
	B»COC	1.00	PMV 5						
	C (G)2,4-D-ESTER	0.50	LAA 5						
	D 28% UAN	5.00	PMV 5						
	E»TOUCHDN TOTAL	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

LSD (0.05)	2.22	2.87	2.44	8.23	8.67	12.69
STANDARD DEVIATION	1.11	1.44	1.22	4.12	4.33	6.34

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N-200

CREATED: 04/04/2007 **REVISED:** 10/25/2007

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	IPOHE	ZEAMD	STEME	LAMAM	TAROF	CHEAL
		RATE	UNIT		CON % 05/11/07	CON % 05/30/07	CON % 05/30/07	CON % 05/30/07	CON % 05/30/07	CON % 05/30/07
1A»	GLYFOS EXTRA 3	0.75	LAA	5	27	0	99	88	75	60
B»	METRI DF 75D	0.125	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
2A»	GLYFOS EXTRA 3	0.75	LAA	5	20	0	99	99	81	78
B»	METRI DF 75D	0.188	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
3A»	GLYFOS EXTRA 3	0.75	LAA	5	30	0	99	99	84	81
B»	METRI DF 75D	0.25	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
4A»	GLYFOS EXTRA 3	0.75	LAA	5	7	0	99	93	75	68
B»	METRI DF 75D	0.094	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.094	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
5A»	GLYFOS EXTRA 3	0.75	LAA	5	0	0	99	99	88	68
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.125	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
6A»	GLYFOS EXTRA 3	0.75	LAA	5	0	0	99	99	93	79
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.188	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
7A»	GLYFOS EXTRA 3	0.75	LAA	5	0	0	99	99	85	70
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.25	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
8A»	GLYFOS EXTRA 3	0.75	LAA	5	0	0	99	89	75	62
B»	LIQUID AMS	2.50	PMV	5						
C»	GLYFOS EXTRA 3	0.75	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
9A»	GLYFOS EXTRA 3	0.75	LAA	6	91	0	99	99	88	99
B	BICEP II MAG	2.90	LAA	6						
C»	ACTIVATOR 90	0.25	PMV	6						
D»	LIQUID AMS	2.50	PMV	6						
10A»	ET-751 0.21L	0.0012	LAA	6	99	0	99	99	88	99
B»	GLYFOS EXTRA 3	0.75	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D»	ACTIVATOR 90	0.25	PMV	6						
E»	LIQUID AMS	2.50	PMV	6						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A»	GLYFOS EXTRA 3	0.75	LAA	6	96	0	99	99	86	96
B	(G)2,4-D-ESTER	0.50	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D»	ACTIVATOR 90	0.25	PMV	6						
E»	LIQUID AMS	2.50	PMV	6						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	IPOHE CON % 05/11/07	ZEAMD CON % 05/30/07	STEME CON % 05/30/07	LAMAM CON % 05/30/07	TAROF CON % 05/30/07	CHEAL CON % 05/30/07
		RATE	UNIT							
13A	»GLYFOS EXTRA 3	0.75	LAA 10		C	0	99	99	92	99
	B »BICEP II MAG	2.90	LAA 10							
	C »ACTIVATOR 90	0.25	PMV 10							
	D »LIQUID AMS	2.50	PMV 10							
14A	»ET-751 0.21L	0.0012	LAA 10		C	0	99	99	92	99
	B »GLYFOS EXTRA 3	0.75	LAA 10							
	C »BICEP II MAG	2.90	LAA 10							
	D »ACTIVATOR 90	0.25	PMV 10							
	E »LIQUID AMS	2.50	PMV 10							
15A	»GLYFOS EXTRA 3	0.75	LAA 10		C	0	99	99	95	99
	B (G)2,4-D-ESTER	0.50	LAA 10							
	C »BICEP II MAG	2.90	LAA 10							
	D »ACTIVATOR 90	0.25	PMV 10							
	E »LIQUID AMS	2.50	PMV 10							
16A	»GLYFOS EXTRA 3	0.75	LAA 5		97	0	99	99	92	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
17A	»GLYFOS EXTRA 3	0.75	LAA 5		99	0	99	99	94	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
18A	»GLYFOS EXTRA 3	0.75	LAA 5		98	0	99	99	89	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
19A	»GLYFOS EXTRA 3	0.75	LAA 5		98	0	99	99	93	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
20A	»GLYFOS EXTRA 3	0.75	LAA 5		99	0	99	99	93	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
21A	»GLYFOS EXTRA 3	0.75	LAA 5		99	0	99	99	95	99
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »LEXAR 3.7L	3.24	LAA 5							
	D »ACTIVATOR 90	0.25	PMV 5							
	E »LIQUID AMS	2.50	PMV 5							
22A	»WEATHERMAX 4.5	0.75	LAA 5		97	0	99	99	92	93
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C »KIH-485 85WG	0.19	LAA 5							
	D ATRAZINE DF	2.00	LAA 5							
	E »LIQUID AMS	2.50	PMV 5							
23A	»RESOLVE 25DF	0.016	LAA 5		93	0	99	99	88	89
	B (G)2,4-D-ESTER	0.50	LAA 5							
	C BALANCE PRO 4	0.031	LAA 5							
	D ATRAZINE DF	1.00	LAA 5							
	E »COC	1.00	PMV 5							
	F »LIQUID AMS	2.50	PMV 5							
	G »WEATHERMAX 4.5	0.75	LAA 12							
	H »LIQUID AMS	2.50	PMV 12							
24A	»LEXAR 3.7L	3.24	LAA 5		98	0	99	99	95	99
	B »COC	1.00	PMV 5							
	C (G)2,4-D-ESTER	0.50	LAA 5							
	D 28% UAN	5.00	PMV 5							
	E »TOUCHDN TOTAL	0.75	LAA 12							
	F »LIQUID AMS	2.50	PMV 12							

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

LSD (0.05)	6.20	0.00	0.00	3.82	4.00	7.32
STANDARD DEVIATION	3.10	0.00	0.00	1.91	2.00	3.66

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

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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

PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	POLPY	SETFA	IPOHE	ZEAMD	STEME	LAMAM
		RATE	UNIT		CON % 05/30/07	CON % 05/30/07	CON % 05/30/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07
1A»	GLYFOS EXTRA 3	0.75	LAA	5	57	37	37	0	99	93
B»	METRI DF 75D	0.125	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
2A»	GLYFOS EXTRA 3	0.75	LAA	5	65	40	30	0	99	99
B»	METRI DF 75D	0.188	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
3A»	GLYFOS EXTRA 3	0.75	LAA	5	73	42	42	0	99	99
B»	METRI DF 75D	0.25	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
4A»	GLYFOS EXTRA 3	0.75	LAA	5	68	37	37	0	99	99
B»	METRI DF 75D	0.094	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.094	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
5A»	GLYFOS EXTRA 3	0.75	LAA	5	78	40	37	0	99	99
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.125	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
6A»	GLYFOS EXTRA 3	0.75	LAA	5	80	37	40	0	99	99
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.188	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
7A»	GLYFOS EXTRA 3	0.75	LAA	5	68	47	35	0	99	99
B	(G)2,4-D-ESTER	0.50	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	GLYFOS EXTRA 3	0.75	LAA	12						
E»	METRI DF 75D	0.25	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
8A»	GLYFOS EXTRA 3	0.75	LAA	5	60	30	27	0	99	99
B»	LIQUID AMS	2.50	PMV	5						
C»	GLYFOS EXTRA 3	0.75	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
9A»	GLYFOS EXTRA 3	0.75	LAA	6	99	89	79	0	99	99
B	BICEP II MAG	2.90	LAA	6						
C»	ACTIVATOR 90	0.25	PMV	6						
D»	LIQUID AMS	2.50	PMV	6						
10A»	ET-751 0.21L	0.0012	LAA	6	99	87	83	0	99	99
B»	GLYFOS EXTRA 3	0.75	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D»	ACTIVATOR 90	0.25	PMV	6						
E»	LIQUID AMS	2.50	PMV	6						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A»	GLYFOS EXTRA 3	0.75	LAA	6	98	86	81	0	99	99
B	(G)2,4-D-ESTER	0.50	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D»	ACTIVATOR 90	0.25	PMV	6						
E»	LIQUID AMS	2.50	PMV	6						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	POLPY	SETFA	IPOHE	ZEAMD	STEME	LAMAM
		RATE	UNIT		CON % 05/30/07	CON % 05/30/07	CON % 05/30/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07
13A	»GLYFOS EXTRA 3	0.75	LAA	10	99	97	94	0	99	99
	B »BICEP II MAG	2.90	LAA	10						
	C »ACTIVATOR 90	0.25	PMV	10						
	D »LIQUID AMS	2.50	PMV	10						
14A	»ET-751 0.21L	0.0012	LAA	10	99	96	93	0	99	99
	B »GLYFOS EXTRA 3	0.75	LAA	10						
	C »BICEP II MAG	2.90	LAA	10						
	D »ACTIVATOR 90	0.25	PMV	10						
	E »LIQUID AMS	2.50	PMV	10						
15A	»GLYFOS EXTRA 3	0.75	LAA	10	99	96	95	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	10						
	C »BICEP II MAG	2.90	LAA	10						
	D »ACTIVATOR 90	0.25	PMV	10						
	E »LIQUID AMS	2.50	PMV	10						
16A	»GLYFOS EXTRA 3	0.75	LAA	5	99	94	93	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
17A	»GLYFOS EXTRA 3	0.75	LAA	5	99	93	93	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
18A	»GLYFOS EXTRA 3	0.75	LAA	5	99	94	91	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
19A	»GLYFOS EXTRA 3	0.75	LAA	5	99	90	89	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
20A	»GLYFOS EXTRA 3	0.75	LAA	5	99	89	89	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
21A	»GLYFOS EXTRA 3	0.75	LAA	5	99	91	94	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
22A	»WEATHERMAX 4.5	0.75	LAA	5	96	92	87	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »KIH-485 85WG	0.19	LAA	5						
	D ATRAZINE DF	2.00	LAA	5						
	E »LIQUID AMS	2.50	PMV	5						
23A	»RESOLVE 25DF	0.016	LAA	5	92	78	81	0	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C BALANCE PRO 4	0.031	LAA	5						
	D ATRAZINE DF	1.00	LAA	5						
	E »COC	1.00	PMV	5						
	F »LIQUID AMS	2.50	PMV	5						
	G »WEATHERMAX 4.5	0.75	LAA	12						
	H »LIQUID AMS	2.50	PMV	12						
24A	»LEXAR 3.7L	3.24	LAA	5	99	96	93	0	99	99
	B »COC	1.00	PMV	5						
	C (G)2,4-D-ESTER	0.50	LAA	5						
	D 28% UAN	5.00	PMV	5						
	E »TOUCHDN TOTAL	0.75	LAA	12						
	F »LIQUID AMS	2.50	PMV	12						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

LSD (0.05)	6.70	6.50	7.88	0.00	0.00	3.66
STANDARD DEVIATION	3.35	3.25	3.94	0.00	0.00	1.83

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

CREATED: 04/04/2007 **REVISED:** 10/25/2007

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	POLPY	SETFA	IPOHE	ZEAMD
		RATE	UNIT		CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 10/03/07
1A	GLYFOS EXTRA 3	0.75	LAA	5	58	50	40	20	20	133.0
B	METRI DF 75D	0.125	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
2A	GLYFOS EXTRA 3	0.75	LAA	5	67	50	43	23	27	112.2
B	METRI DF 75D	0.188	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
3A	GLYFOS EXTRA 3	0.75	LAA	5	74	58	53	33	33	142.3
B	METRI DF 75D	0.25	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
4A	GLYFOS EXTRA 3	0.75	LAA	5	94	99	99	97	97	183.9
B	METRI DF 75D	0.094	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	GLYFOS EXTRA 3	0.75	LAA	12						
E	METRI DF 75D	0.094	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
5A	GLYFOS EXTRA 3	0.75	LAA	5	96	99	99	96	97	203.2
B	(G)2,4-D-ESTER	0.50	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	GLYFOS EXTRA 3	0.75	LAA	12						
E	METRI DF 75D	0.125	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
6A	GLYFOS EXTRA 3	0.75	LAA	5	97	99	99	98	97	183.5
B	(G)2,4-D-ESTER	0.50	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	GLYFOS EXTRA 3	0.75	LAA	12						
E	METRI DF 75D	0.188	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
7A	GLYFOS EXTRA 3	0.75	LAA	5	97	99	99	97	97	179.8
B	(G)2,4-D-ESTER	0.50	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	GLYFOS EXTRA 3	0.75	LAA	12						
E	METRI DF 75D	0.25	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
8A	GLYFOS EXTRA 3	0.75	LAA	5	96	99	99	98	98	211.2
B	LIQUID AMS	2.50	PMV	5						
C	GLYFOS EXTRA 3	0.75	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
9A	GLYFOS EXTRA 3	0.75	LAA	6	88	99	99	87	76	193.6
B	BICEP II MAG	2.90	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
D	LIQUID AMS	2.50	PMV	6						
10A	ET-751 0.21L	0.0012	LAA	6	86	98	99	83	82	165.7
B	GLYFOS EXTRA 3	0.75	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D	ACTIVATOR 90	0.25	PMV	6						
E	LIQUID AMS	2.50	PMV	6						
11A	CHECK	0.00	NA	0	0	0	0	0	0	102.8
12A	GLYFOS EXTRA 3	0.75	LAA	6	89	85	80	74	73	211.2
B	(G)2,4-D-ESTER	0.50	LAA	6						
C	BICEP II MAG	2.90	LAA	6						
D	ACTIVATOR 90	0.25	PMV	6						
E	LIQUID AMS	2.50	PMV	6						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	POLPY	SETFA	IPOHE	ZEAMD
		RATE	UNIT		CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 06/11/07	CON % 10/03/07
13A	»GLYFOS EXTRA 3	0.75	LAA	10	96	99	99	97	95	232.4
	B »BICEP II MAG	2.90	LAA	10						
	C »ACTIVATOR 90	0.25	PMV	10						
	D »LIQUID AMS	2.50	PMV	10						
14A	»ET-751 0.21L	0.0012	LAA	10	94	99	99	97	96	222.4
	B »GLYFOS EXTRA 3	0.75	LAA	10						
	C »BICEP II MAG	2.90	LAA	10						
	D »ACTIVATOR 90	0.25	PMV	10						
	E »LIQUID AMS	2.50	PMV	10						
15A	»GLYFOS EXTRA 3	0.75	LAA	10	96	99	99	98	96	209.6
	B (G)2,4-D-ESTER	0.50	LAA	10						
	C »BICEP II MAG	2.90	LAA	10						
	D »ACTIVATOR 90	0.25	PMV	10						
	E »LIQUID AMS	2.50	PMV	10						
16A	»GLYFOS EXTRA 3	0.75	LAA	5	94	99	99	93	94	202.5
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
17A	»GLYFOS EXTRA 3	0.75	LAA	5	95	99	99	95	96	201.6
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
18A	»GLYFOS EXTRA 3	0.75	LAA	5	94	99	99	91	94	212.3
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
19A	»GLYFOS EXTRA 3	0.75	LAA	5	95	99	99	90	92	196.4
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
20A	»GLYFOS EXTRA 3	0.75	LAA	5	94	99	99	86	90	204.9
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
21A	»GLYFOS EXTRA 3	0.75	LAA	5	95	99	99	85	92	201.7
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEXAR 3.7L	3.24	LAA	5						
	D »ACTIVATOR 90	0.25	PMV	5						
	E »LIQUID AMS	2.50	PMV	5						
22A	»WEATHERMAX 4.5	0.75	LAA	5	90	95	96	88	83	198.6
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »KIH-485 85WG	0.19	LAA	5						
	D ATRAZINE DF	2.00	LAA	5						
	E »LIQUID AMS	2.50	PMV	5						
23A	»RESOLVE 25DF	0.016	LAA	5	95	99	99	94	96	212.0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C BALANCE PRO 4	0.031	LAA	5						
	D ATRAZINE DF	1.00	LAA	5						
	E »COC	1.00	PMV	5						
	F »LIQUID AMS	2.50	PMV	5						
	G »WEATHERMAX 4.5	0.75	LAA	12						
	H »LIQUID AMS	2.50	PMV	12						
24A	»LEXAR 3.7L	3.24	LAA	5	97	99	99	98	98	231.1
	B »COC	1.00	PMV	5						
	C (G)2,4-D-ESTER	0.50	LAA	5						
	D 28% UAN	5.00	PMV	5						
	E »TOUCHDN TOTAL	0.75	LAA	12						
	F »LIQUID AMS	2.50	PMV	12						

TITLE: Metribuzin and other options for weed control in glyphosate-resistant no-till corn.
N-200

LSD (0.05)	7.20	5.10	8.00	5.17	7.51	47.31
STANDARD DEVIATION	3.60	2.55	4.00	2.58	3.76	23.65

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15DBP 04/20/2007(1)
06 = ----- / EPP 7DBP 05/02/2007(2)
10 = ----- / VEPOST 05/18/2007(3)
12 = ----- / POST 05/30/2007(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	STEME	CON %	05/11/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/11/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	TAROF	CON %	05/11/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/11/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	05/11/2007	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/11/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	IPOHE	CON %	05/11/2007	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	05/30/2007	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	05/30/2007	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	05/30/2007	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	TAROF	CON %	05/30/2007	04	P	TAROF	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	05/30/2007	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	05/30/2007	06	P	POLPY	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	05/30/2007	07	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	IPOHE	CON %	05/30/2007	08	P	IPOHE	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	06/11/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	STEME	CON %	06/11/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	LAMAM	CON %	06/11/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	TAROF	CON %	06/11/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	06/11/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	POLPY	CON %	06/11/2007	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	06/11/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	IPOHE	CON %	06/11/2007	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ZEAMD	CON %	10/03/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 61-69

* STAGE CODE

15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED