

## 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	UNIT
TIMINGS	03	
TYPE	LIQMIX	
APPLICATION DATE	03/26/08	AME
AIR TEMPERATURE	53	F
% REL.HUMIDITY	52	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	2.0	M/H
CLOUD COVER	OVERCAST	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

## \* TIMING CODES

03 = ----- / EPP 45 DBP

**TITLE:** KIH-485 EPP for weed control in glyphosate-resistant no-till corn. N-100  
**CREATED:** 03/26/2008 **REVISED:** 08/26/2008 **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			ZEAMD	STEME	LAMAM	ERICA	CHEAL	ABUTH
		RATE	UNIT	TM	CON % 05/06/08	CON % 05/06/08	CON % 05/06/08	CON % 05/06/08	CON % 05/06/08	CON % 05/06/08
1A»	KIH-485 85WG	0.19	LAA	3	0	90	87	94	75	0
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
2A»	KIH-485 85WG	0.22	LAA	3	0	93	91	95	80	0
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
3A»	KIH-485 85WG	0.27	LAA	3	0	94	92	95	87	0
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
4A»	KIH-485 85WG	0.45	LAA	3	0	97	95	99	92	30
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
5A	DUAL II MAGNUM	1.91	LAA	3	0	89	83	96	90	0
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
6A	HARNESS (7EC)	2.65	LAA	3	0	90	83	96	98	17
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
7A»	LEXAR 3.7L	3.24	LAA	3	0	99	99	99	99	99
B»	TOUCHDN TOTAL	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	FIELD MASTER	4.57	LAA	3	0	99	99	99	99	99
B	(G)2,4-D-ESTER	0.50	LAA	3						
C»	LIQUID AMS	2.50	PMV	3						
LSD (0.05)					0.00	5.47	7.30	3.51	9.28	10.13
STANDARD DEVIATION					0.00	2.58	3.44	1.66	4.38	4.78

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TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	ZEAMD	STEME	LAMAM	ERICA	CHEAL
		RATE	UNIT	TM	CON % 05/06/08	CON % 06/06/08	CON % 06/06/08	CON % 06/06/08	CON % 06/06/08	CON % 06/06/08
1A»	KIH-485 85WG	0.19	LAA	3	50	0	75	65	88	65
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
2A»	KIH-485 85WG	0.22	LAA	3	58	0	87	74	98	77
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
3A»	KIH-485 85WG	0.27	LAA	3	75	0	86	79	99	83
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
4A»	KIH-485 85WG	0.45	LAA	3	97	0	91	88	99	99
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
5A	DUAL II MAGNUM	1.91	LAA	3	86	0	80	73	96	81
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
6A	HARNESS (7EC)	2.65	LAA	3	85	0	87	84	98	90
B»	RNDUP POWERMAX	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
7A»	LEXAR 3.7L	3.24	LAA	3	99	0	99	99	99	99
B»	TOUCHDN TOTAL	0.75	LAA	3						
C	(G)2,4-D-ESTER	0.50	LAA	3						
D»	LIQUID AMS	2.50	PMV	3						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	FIELD MASTER	4.57	LAA	3	99	0	99	99	98	97
B	(G)2,4-D-ESTER	0.50	LAA	3						
C»	LIQUID AMS	2.50	PMV	3						
LSD (0.05)					8.64	0.00	10.67	10.79	3.95	10.73
STANDARD DEVIATION					4.07	0.00	5.00	5.09	1.86	5.06

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REPS: 03

TRT	TREATMENT	DOSAGE		ABUTH	SETFA
NUM	COMPONENT	RATE	UNIT	CON %	CON %
			TM	06/06/08	06/06/08
1A	KIH-485 85WG	0.19	LAA 3	0	27
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
2A	KIH-485 85WG	0.22	LAA 3	0	37
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
3A	KIH-485 85WG	0.27	LAA 3	17	48
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
4A	KIH-485 85WG	0.45	LAA 3	52	87
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
5A	DUAL II MAGNUM	1.91	LAA 3	0	75
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
6A	HARNES (7EC)	2.65	LAA 3	0	75
B	RNDUP POWERMAX	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
7A	LEXAR 3.7L	3.24	LAA 3	99	96
B	TOUCHDN TOTAL	0.75	LAA 3		
C	(G)2,4-D-ESTER	0.50	LAA 3		
D	LIQUID AMS	2.50	PMV 3		
8A	CHECK	0.00	NA 0	0	0
9A	FIELD MASTER	4.57	LAA 3	81	88
B	(G)2,4-D-ESTER	0.50	LAA 3		
C	LIQUID AMS	2.50	PMV 3		
		LSD (0.05)		10.11	7.85
		STANDARD DEVIATION		4.77	3.71

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 03 = ----- / EPP 45 DBP 03/26/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/06/2008	01	P	ZEAMD	00	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	05/06/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LAMAM	CON %	05/06/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	05/06/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/06/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/06/2008	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	05/06/2008	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/06/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	06/06/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	06/06/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	06/06/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/06/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
013	ABUTH	CON %	06/06/2008	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/06/2008	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 60-19RR

## \* STAGE CODE

00 = DRY SEED (CARYOPSIS)