

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	03	12	
TYPE	LIQMI	LIQMI	
APPLICATION DATE	04/09/08	06/26/08	AME
AIR TEMPERATURE	52	82	F
% REL.HUMIDITY	70	61	
WIND DIRECTION	NORTHWEST	WEST	
WIND SPEED	0.0	6.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	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
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	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		---/16	
ASGROW 3302 RR/S		10.0/10.0	IN
05/28/2008			
*** PEST ***			
LAMBSQUARTERS, C		---/19	
		4.00/10.0	IN
HORSEWEED / MARE		---/19	
		4.00/12.0	IN
HENBIT		---/19	
		4.00/6.00	IN
MORNINGGLORY, TA		---/19	
		2.00/6.00	IN
FOXTAIL, GIANT		---/16	
		4.00/10.0	IN
CHICKWEED, COMMO		---/19	
		4.00/6.00	IN

* TIMING CODES

03 = ----- / EPP 45 DBP
 12 = ----- / POST

* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 16 = 6 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200

CREATED: 04/01/2008 REVISED: 09/09/2008

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY:

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		GLXMA	STEME	LAMAM	ERICA	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/28/08	05/28/08	05/28/08	05/28/08	05/28/08	05/28/08
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
2A	KIH-485 85WG	0.19	LAA 3	0	99	99	92	70	88
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
3A	KIH-485 85WG	0.22	LAA 3	0	99	99	93	73	95
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
4A	KIH-485 85WG	0.27	LAA 3	0	99	99	97	83	98
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
5A	KIH-485 85WG	0.45	LAA 3	0	99	99	99	95	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
6A	DUAL II MAGNUM	1.91	LAA 3	0	98	99	98	65	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
7A	OUTLOOK 6EC	0.895	LAA 3	0	98	99	91	52	81
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
8A	CANOPY 75WG	0.28	LAA 3	0	99	99	99	99	72
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
9A	CLASSIC 25WG	0.02	LAA 3	0	99	99	99	99	81
	B»HARMONY GT 50W	0.006	LAA 3						
	C VALOR 51WG	0.063	LAA 3						
	D»RNDUP POWERMAX	0.75	LAA 3						
	E»LIQUID AMS	2.50	PMV 3						
LSD (0.05)				0.00	1.94	0.333	4.31	8.92	11.44
STANDARD DEVIATION				0.00	0.916	0.157	2.00	4.21	5.40

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200
CREATED: 04/01/2008 **REVISED:** 09/09/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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		GLXMA	STEME	LAMAM	ERICA	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/24/08	06/24/08	06/24/08	06/24/08	06/24/08	06/24/08
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
2A»	KIH-485 85WG	0.19	LAA 3	0	99	99	90	67	85
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
3A»	KIH-485 85WG	0.22	LAA 3	0	99	99	96	72	90
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
4A»	KIH-485 85WG	0.27	LAA 3	0	99	99	98	78	95
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
5A»	KIH-485 85WG	0.45	LAA 3	0	99	99	98	91	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
6A	DUAL II MAGNUM	1.91	LAA 3	0	99	99	95	57	96
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
7A	OUTLOOK 6EC	0.895	LAA 3	0	99	99	93	43	73
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
8A	CANOPY 75WG	0.28	LAA 3	0	99	99	99	98	57
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
9A	CLASSIC 25WG	0.02	LAA 3	0	99	99	96	99	68
	B»HARMONY GT 50W	0.006	LAA 3						
	C VALOR 51WG	0.063	LAA 3						
	D»RNDUP POWERMAX	0.75	LAA 3						
	E»LIQUID AMS	2.50	PMV 3						
LSD (0.05)				0.00	0.00	0.00	7.21	10.42	15.90
STANDARD DEVIATION				0.00	0.00	0.00	3.40	4.91	7.50

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200

CREATED: 04/01/2008 REVISED: 09/09/2008

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY:

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		GLXMA	STEME	LAMAM	ERICA	CHEAL	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/10/08	07/10/08	07/10/08	07/10/08	07/10/08	07/10/08
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
2A	»KIH-485 85WG	0.19	LAA 3	0	99	99	99	91	93
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
3A	»KIH-485 85WG	0.22	LAA 3	0	99	99	99	93	92
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
4A	»KIH-485 85WG	0.27	LAA 3	0	94	99	99	99	97
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
5A	»KIH-485 85WG	0.45	LAA 3	0	99	99	99	99	98
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
6A	DUAL II MAGNUM	1.91	LAA 3	0	99	99	99	99	93
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
7A	OUTLOOK 6EC	0.895	LAA 3	0	99	99	99	94	86
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
8A	CANOPY 75WG	0.28	LAA 3	0	99	99	99	99	85
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
9A	CLASSIC 25WG	0.02	LAA 3	0	99	99	99	99	97
	B»HARMONY GT 50W	0.006	LAA 3						
	C VALOR 51WG	0.063	LAA 3						
	D»RNDUP POWERMAX	0.75	LAA 3						
	E»LIQUID AMS	2.50	PMV 3						
LSD (0.05)				0.00	4.66	0.00	0.00	4.89	7.64
STANDARD DEVIATION				0.00	2.20	0.00	0.00	2.31	3.61

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200
CREATED: 04/01/2008 **REVISED:** 09/09/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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		PHBPU	GLXMA	STEME	LAMAM	ERICA	CHEAL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/10/08	08/01/08	08/01/08	08/01/08	08/01/08	08/01/08
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
2A	»KIH-485 85WG	0.19	LAA 3	67	0	99	99	96	88
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
3A	»KIH-485 85WG	0.22	LAA 3	75	0	99	99	99	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
4A	»KIH-485 85WG	0.27	LAA 3	83	0	99	99	99	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
5A	»KIH-485 85WG	0.45	LAA 3	91	0	99	99	99	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
6A	DUAL II MAGNUM	1.91	LAA 3	72	0	99	99	99	98
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
7A	OUTLOOK 6EC	0.895	LAA 3	63	0	99	99	99	83
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
8A	CANOPY 75WG	0.28	LAA 3	79	0	99	99	99	99
	B»RNDUP POWERMAX	0.75	LAA 3						
	C»LIQUID AMS	2.50	PMV 3						
9A	CLASSIC 25WG	0.02	LAA 3	93	0	99	99	99	99
	B»HARMONY GT 50W	0.006	LAA 3						
	C VALOR 51WG	0.063	LAA 3						
	D»RNDUP POWERMAX	0.75	LAA 3						
	E»LIQUID AMS	2.50	PMV 3						
LSD (0.05)				9.48	0.00	0.00	0.00	3.00	5.91
STANDARD DEVIATION				4.47	0.00	0.00	0.00	1.41	2.79

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200
CREATED: 04/01/2008 **REVISED:** 09/09/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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 RATE	UNIT	TM	SETFA CON % 08/01/08	PHBPU CON % 08/01/08
1A	CHECK	0.00	NA	0	0	0
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
2A»	KIH-485 85WG	0.19	LAA	3	70	73
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
3A»	KIH-485 85WG	0.22	LAA	3	79	80
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
4A»	KIH-485 85WG	0.27	LAA	3	88	84
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
5A»	KIH-485 85WG	0.45	LAA	3	94	89
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
6A	DUAL II MAGNUM	1.91	LAA	3	83	85
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
7A	OUTLOOK 6EC	0.895	LAA	3	65	67
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
8A	CANOPY 75WG	0.28	LAA	3	73	80
B»	RNDUP POWERMAX	0.75	LAA	3		
C»	LIQUID AMS	2.50	PMV	3		
9A	CLASSIC 25WG	0.02	LAA	3	82	86
B»	HARMONY GT 50W	0.006	LAA	3		
C	VALOR 51WG	0.063	LAA	3		
D»	RNDUP POWERMAX	0.75	LAA	3		
E»	LIQUID AMS	2.50	PMV	3		
LSD (0.05)					8.40	7.49
STANDARD DEVIATION					4.00	3.53

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

03 = ----- / EPP 45 DBP 04/09/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	05/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	05/28/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LAMAM	CON %	05/28/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	05/28/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/28/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/28/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/24/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	06/24/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	06/24/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	06/24/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/24/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	06/24/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/10/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	STEME	CON %	07/10/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	07/10/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: KIH-485 EPP for weed control in glyphosate-resistant no-till soybean. N-200

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
018	ERICA	CON %	07/10/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	07/10/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	07/10/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/10/2008	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	GLXMA	CON %	08/01/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	STEME	CON %	08/01/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	LAMAM	CON %	08/01/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ERICA	CON %	08/01/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	CHEAL	CON %	08/01/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	SETFA	CON %	08/01/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	CON %	08/01/2008	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3302 RR/STS