

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.4  
 %OM: 4.6  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/08	06/26/08	AME
AIR TEMPERATURE	75	82	F
% REL.HUMIDITY	35	61	
WIND DIRECTION	WEST	WEST	
WIND SPEED	5.0	6.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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	---/19	
	1.00/3.00	4.00/6.00	IN
HORSEWEED / MARE	---/19	---/19	
	2.00/4.00	3.00/6.00	IN
HENBIT	---/19	---/19	
	2.00/6.00	4.00/6.00	IN
FOXTAIL, GIANT	---/12	---/16	
	1.00/2.00	4.00/8.00	IN
CHICKWEED, COMMO	---/19	---/19	
	2.00/4.00	3.00/5.00	IN

## \* TIMING CODES

05 = ----- / EPP 15 DBP  
 12 = ----- / POST

## \* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES  
 16 = 6 LEAVES UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Kixor products for weed control in glyphosate-resistant no-till soybean. N-200  
**CREATED:** 04/03/2008 **REVISED:** 09/10/2008 **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		STEME CON % 05/28/08	LAMAM CON % 05/28/08	ERICA CON % 05/28/08	CHEAL CON % 05/28/08	SETFA CON % 05/28/08	STEME CON % 06/24/08
		RATE	UNIT TM						
1A»	BAS 80004H 2.8	0.011	LAA 5	63	33	82	75	0	70
	B»COC	1.00	PMV 5						
	C»LIQUID AMS	5.00	PMV 5						
2A»	BAS 80004H 2.8	0.022	LAA 5	68	47	95	89	0	75
	B»COC	1.00	PMV 5						
	C»LIQUID AMS	5.00	PMV 5						
3A»	BAS 8003H 1L	0.022	LAA 5	73	48	98	92	0	88
	B»COC	1.00	PMV 5						
	C»LIQUID AMS	5.00	PMV 5						
4A»	BAS 8001H 70WG	0.022	LAA 5	72	55	95	91	0	89
	B»COC	1.00	PMV 5						
	C»LIQUID AMS	5.00	PMV 5						
5A»	ROUNDUP ORIGIN	0.75	LAA 5	99	88	78	82	68	99
	B»COC	1.00	PMV 5						
	C»LIQUID AMS	5.00	PMV 5						
6A»	ROUNDUP ORIGIN	0.75	LAA 5	99	99	99	97	83	99
	B (G)2,4-D-ESTER	0.47	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
7A»	BAS 80004H 2.8	0.022	LAA 5	99	99	99	97	90	99
	B»ROUNDUP ORIGIN	0.75	LAA 5						
	C (G)2,4-D-ESTER	0.47	LAA 5						
	D»COC	1.00	PMV 5						
	E»LIQUID AMS	5.00	PMV 5						
8A»	BAS 80004H 2.8	0.011	LAA 5	99	93	99	94	81	99
	B»ROUNDUP ORIGIN	0.75	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
9A»	BAS 80004H 2.8	0.022	LAA 5	99	99	99	86	79	99
	B»ROUNDUP ORIGIN	0.75	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
10A»	BAS 80004H 2.8	0.022	LAA 5	99	99	99	91	75	99
	B»ROUNDUP ORIGIN	0.375	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
11A»	BAS 80004H 2.8	0.022	LAA 5	99	99	99	99	96	99
	B PURSUIT 2SL	0.063	LAA 5						
	C»ROUNDUP ORIGIN	0.75	LAA 5						
	D»COC	1.00	PMV 5						
	E»LIQUID AMS	5.00	PMV 5						
12A»	BAS 80004H 2.8	0.022	LAA 5	99	99	98	99	96	99
	B PROWL H2O 3.8	1.42	LAA 5						
	C»ROUNDUP ORIGIN	0.75	LAA 5						
	D»COC	1.00	PMV 5						
	E»LIQUID AMS	5.00	PMV 5						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	VALOR 51WG	0.064	LAA 5	99	99	99	99	98	99
	B»ROUNDUP ORIGIN	0.75	LAA 5						
	C»ACTIVATOR 90	0.25	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						

**TITLE:** Kixor products for weed control in glyphosate-resistant no-till soybean. N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME	LAMAM	ERICA	CHEAL	SETFA	STEME
		RATE	UNIT TM	CON % 05/28/08	CON % 05/28/08	CON % 05/28/08	CON % 05/28/08	CON % 05/28/08	CON % 06/24/08
15A»	BAS 8040H 68WG	0.085	LAA 5	99	99	99	99	97	99
	B»ROUNDUP ORIGIN	0.75	LAA 5						
	C»COC	1.00	PMV 5						
	D»LIQUID AMS	5.00	PMV 5						
		LSD (0.05)		10.44	9.00	4.56	5.54	3.79	7.12
		STANDARD DEVIATION		5.10	4.37	2.23	2.70	1.85	3.47

**TITLE:** Kixor products for weed control in glyphosate-resistant no-till soybean. N-200  
**CREATED:** 04/03/2008 **REVISED:** 09/10/2008 **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		TM	LAMAM	ERICA	CHEAL	SETFA	GLXMA	STEME
		RATE	UNIT		CON % 06/24/08	CON % 06/24/08	CON % 06/24/08	CON % 06/24/08	CON % 07/15/08	CON % 07/15/08
1A»	BAS 80004H 2.8	0.011	LAA	5	60	68	43	0	0	99
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
2A»	BAS 80004H 2.8	0.022	LAA	5	67	83	57	0	0	99
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
3A»	BAS 8003H 1L	0.022	LAA	5	73	96	71	0	0	99
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
4A»	BAS 8001H 70WG	0.022	LAA	5	73	95	78	0	0	99
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
5A»	ROUNDUP ORIGIN	0.75	LAA	5	99	88	68	40	0	99
	B»COC	1.00	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
6A»	ROUNDUP ORIGIN	0.75	LAA	5	99	94	55	37	0	99
	B (G)2,4-D-ESTER	0.47	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
7A»	BAS 80004H 2.8	0.022	LAA	5	99	99	85	45	0	99
	B»ROUNDUP ORIGIN	0.75	LAA	5						
	C (G)2,4-D-ESTER	0.47	LAA	5						
	D»COC	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
8A»	BAS 80004H 2.8	0.011	LAA	5	99	99	60	27	0	99
	B»ROUNDUP ORIGIN	0.75	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
9A»	BAS 80004H 2.8	0.022	LAA	5	99	96	73	37	0	99
	B»ROUNDUP ORIGIN	0.75	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
10A»	BAS 80004H 2.8	0.022	LAA	5	99	99	72	47	0	99
	B»ROUNDUP ORIGIN	0.375	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
11A»	BAS 80004H 2.8	0.022	LAA	5	99	98	99	89	0	99
	B PURSUIT 2SL	0.063	LAA	5						
	C»ROUNDUP ORIGIN	0.75	LAA	5						
	D»COC	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
12A»	BAS 80004H 2.8	0.022	LAA	5	99	99	98	79	0	99
	B PROWL H2O 3.8	1.42	LAA	5						
	C»ROUNDUP ORIGIN	0.75	LAA	5						
	D»COC	1.00	PMV	5						
	E»LIQUID AMS	5.00	PMV	5						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	VALOR 51WG	0.064	LAA	5	99	99	92	76	0	99
	B»ROUNDUP ORIGIN	0.75	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						

**TITLE:** Kixor products for weed control in glyphosate-resistant no-till soybean. N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			LAMAM	ERICA	CHEAL	SETFA	GLXMA	STEME
		RATE	UNIT	TM	CON % 06/24/08	CON % 06/24/08	CON % 06/24/08	CON % 06/24/08	CON % 07/15/08	CON % 07/15/08
15A»	BAS 8040H 68WG	0.085	LAA	5	99	94	99	84	0	99
	B»ROUNDUP ORIGIN	0.75	LAA	5						
	C»COC	1.00	PMV	5						
	D»LIQUID AMS	5.00	PMV	5						
		LSD (0.05)			7.15	8.49	18.81	9.44	0.00	0.00
		STANDARD DEVIATION			3.49	4.14	9.19	4.61	0.00	0.00

**TITLE:** Kixor products for weed control in glyphosate-resistant no-till soybean. N-200  
**CREATED:** 04/03/2008 **REVISED:** 09/10/2008 **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		TM	LAMAM	ERICA	CHEAL	SETFA
		RATE	UNIT		CON % 07/15/08	CON % 07/15/08	CON % 07/15/08	CON % 07/15/08
1A»	BAS 80004H 2.8	0.011	LAA	5	99	98	99	83
	B»COC	1.00	PMV	5				
	C»LIQUID AMS	5.00	PMV	5				
2A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	87
	B»COC	1.00	PMV	5				
	C»LIQUID AMS	5.00	PMV	5				
3A»	BAS 8003H 1L	0.022	LAA	5	99	99	99	92
	B»COC	1.00	PMV	5				
	C»LIQUID AMS	5.00	PMV	5				
4A»	BAS 8001H 70WG	0.022	LAA	5	99	99	99	95
	B»COC	1.00	PMV	5				
	C»LIQUID AMS	5.00	PMV	5				
5A»	ROUNDUP ORIGIN	0.75	LAA	5	99	99	99	91
	B»COC	1.00	PMV	5				
	C»LIQUID AMS	5.00	PMV	5				
6A»	ROUNDUP ORIGIN	0.75	LAA	5	99	99	99	89
	B (G)2,4-D-ESTER	0.47	LAA	5				
	C»COC	1.00	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				
7A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	90
	B»ROUNDUP ORIGIN	0.75	LAA	5				
	C (G)2,4-D-ESTER	0.47	LAA	5				
	D»COC	1.00	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
8A»	BAS 80004H 2.8	0.011	LAA	5	99	99	99	88
	B»ROUNDUP ORIGIN	0.75	LAA	5				
	C»COC	1.00	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				
9A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	93
	B»ROUNDUP ORIGIN	0.75	LAA	5				
	C»COC	1.00	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				
10A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	93
	B»ROUNDUP ORIGIN	0.375	LAA	5				
	C»COC	1.00	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				
11A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	94
	B PURSUIT 2SL	0.063	LAA	5				
	C»ROUNDUP ORIGIN	0.75	LAA	5				
	D»COC	1.00	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
12A»	BAS 80004H 2.8	0.022	LAA	5	99	99	99	92
	B PROWL H2O 3.8	1.42	LAA	5				
	C»ROUNDUP ORIGIN	0.75	LAA	5				
	D»COC	1.00	PMV	5				
	E»LIQUID AMS	5.00	PMV	5				
13A	CHECK	0.00	NA	0	0	0	0	0
14A	VALOR 51WG	0.064	LAA	5	99	99	99	87
	B»ROUNDUP ORIGIN	0.75	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				

TITLE: Kixor products for weed control in glyphosate-resistant no-till soybean. N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		LAMAM	ERICA	CHEAL	SETFA	
		RATE	UNIT	CON % 07/15/08	CON % 07/15/08	CON % 07/15/08	CON % 07/15/08	
15A	BAS 8040H 68WG	0.085	LAA	5	99	99	99	88
	B»ROUNDUP ORIGIN	0.75	LAA	5				
	C»COC	1.00	PMV	5				
	D»LIQUID AMS	5.00	PMV	5				
LSD (0.05)				0.00	0.499	0.00	4.80	
STANDARD DEVIATION				0.00	0.243	0.00	2.34	

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
05 = ----- / EPP 15 DBP 05/05/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	05/28/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/28/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/28/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/28/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	05/28/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/24/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/24/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ERICA	CON %	06/24/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/24/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/24/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	GLXMA	CON %	07/15/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	07/15/2008	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	07/15/2008	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ERICA	CON %	07/15/2008	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	07/15/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/15/2008	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3302 RR/STS