

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	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/15/12	AME
AIR TEMPERATURE	86	F
% REL.HUMIDITY	17	
WIND DIRECTION	SOUTH	
WIND SPEED	4.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
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	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/15	
A 3231RR	8.00/8.00	IN
05/11/2012		
*** PEST ***		
RAGWEED, COMMON	---/16	
	4.00/8.00	IN
LAMBSQUARTERS, C	---/19	
	4.00/8.00	IN
HORSEWEED / MARE	---/19	
	1.00/5.00	IN
MORNINGGLORY, TA	---/19	
	4.00/8.00	IN
FOXTAIL, GIANT	---/13	
	1.00/3.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Soybean / Weed Response to Glyphosate Tank-Mixes - No-Till. N-200
CREATED: 04/29/2012 **REVISED:** 09/25/2012 **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		GLXMA	GLXMA	SETFA	ERICA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/19/12	06/22/12	06/22/12	06/22/12	06/22/12	06/22/12
1A»	RNDUP POWERMAX	0.77	LAA 12	0	0	99	99	95	97
B»	N-PAK AMS	2.50	PMV 12						
2A»	RNDUP POWERMAX	1.55	LAA 12	0	0	99	99	98	98
B»	N-PAK AMS	2.50	PMV 12						
3A	COBRA 2EC	0.094	LAA 12	23	19	99	93	94	96
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
4A	COBRA 2EC	0.094	LAA 12	30	25	99	99	99	99
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
5A	COBRA 2EC	0.188	LAA 12	38	30	99	96	97	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
6A	COBRA 2EC	0.188	LAA 12	38	30	98	99	99	99
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
7A	FLEXSTAR 1.88	0.235	LAA 12	3	3	99	99	98	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
8A	FLEXSTAR 1.88	0.235	LAA 12	4	4	99	99	99	95
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
9A	FLEXSTAR 1.88	0.313	LAA 12	7	4	99	99	97	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
10A	FLEXSTAR 1.88	0.313	LAA 12	8	7	99	99	99	97
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
11A»	CADET 0.91EC	0.0043	LAA 12	6	6	98	96	94	87
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
12A»	CADET 0.91EC	0.0043	LAA 12	9	7	99	99	99	91
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A»	CADET 0.91EC	0.0064	LAA 12	10	7	99	96	98	92
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
15A»	CADET 0.91EC	0.0064	LAA 12	14	10	99	99	99	92
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
LSD (0.05)				4.83	3.68	1.08	4.21	2.93	5.38
STANDARD DEVIATION				2.36	1.80	0.529	2.06	1.43	2.63

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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	SETFA	ERICA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/22/12	06/29/12	06/29/12	06/29/12	06/29/12	06/29/12
1A»	RNDUP POWERMAX	0.77	LAA 12	90	0	99	99	99	99
B»	N-PAK AMS	2.50	PMV 12						
2A»	RNDUP POWERMAX	1.55	LAA 12	90	0	99	99	99	99
B»	N-PAK AMS	2.50	PMV 12						
3A	COBRA 2EC	0.094	LAA 12	66	2	99	99	99	98
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
4A	COBRA 2EC	0.094	LAA 12	93	3	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
5A	COBRA 2EC	0.188	LAA 12	97	3	99	99	99	98
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
6A	COBRA 2EC	0.188	LAA 12	96	4	99	99	99	99
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
7A	FLEXSTAR 1.88	0.235	LAA 12	92	0	99	99	99	97
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
8A	FLEXSTAR 1.88	0.235	LAA 12	93	0	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
9A	FLEXSTAR 1.88	0.313	LAA 12	91	0	99	99	99	98
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
10A	FLEXSTAR 1.88	0.313	LAA 12	92	0	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
11A»	CADET 0.91EC	0.0043	LAA 12	88	0	99	98	98	96
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
12A»	CADET 0.91EC	0.0043	LAA 12	92	1	99	99	99	95
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A»	CADET 0.91EC	0.0064	LAA 12	92	3	99	99	99	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
15A»	CADET 0.91EC	0.0064	LAA 12	94	2	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
LSD (0.05)				22.57	1.19	0.249	0.499	0.565	1.68
STANDARD DEVIATION				11.00	0.579	0.122	0.243	0.276	0.822

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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	SETFA	ERICA	CHEAL	AMBEL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/29/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12
1A»	RNDUP POWERMAX	0.77	LAA 12	93	0	99	99	99	99
B»	N-PAK AMS	2.50	PMV 12						
2A»	RNDUP POWERMAX	1.55	LAA 12	98	0	99	99	99	99
B»	N-PAK AMS	2.50	PMV 12						
3A	COBRA 2EC	0.094	LAA 12	97	0	98	99	99	96
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
4A	COBRA 2EC	0.094	LAA 12	98	0	97	99	99	97
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
5A	COBRA 2EC	0.188	LAA 12	98	0	98	99	99	97
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
6A	COBRA 2EC	0.188	LAA 12	97	0	97	99	99	97
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
7A	FLEXSTAR 1.88	0.235	LAA 12	98	0	99	99	99	97
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
8A	FLEXSTAR 1.88	0.235	LAA 12	99	0	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
9A	FLEXSTAR 1.88	0.313	LAA 12	99	0	99	99	99	98
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
10A	FLEXSTAR 1.88	0.313	LAA 12	98	0	98	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
11A»	CADET 0.91EC	0.0043	LAA 12	91	0	99	98	98	93
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
12A»	CADET 0.91EC	0.0043	LAA 12	97	0	98	99	99	95
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A»	CADET 0.91EC	0.0064	LAA 12	95	0	98	99	98	96
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
15A»	CADET 0.91EC	0.0064	LAA 12	97	0	99	99	99	98
B»	RNDUP POWERMAX	1.55	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
LSD (0.05)				1.61	0.00	1.53	1.00	1.39	3.68
STANDARD DEVIATION				0.785	0.00	0.747	0.487	0.681	1.80

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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	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	CON %
					07/12/12
1A»	RNDUP POWERMAX	0.77	LAA	12	96
B»	N-PAK AMS	2.50	PMV	12	
2A»	RNDUP POWERMAX	1.55	LAA	12	98
B»	N-PAK AMS	2.50	PMV	12	
3A	COBRA 2EC	0.094	LAA	12	97
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
4A	COBRA 2EC	0.094	LAA	12	96
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
5A	COBRA 2EC	0.188	LAA	12	98
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
6A	COBRA 2EC	0.188	LAA	12	97
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
7A	FLEXSTAR 1.88	0.235	LAA	12	97
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
8A	FLEXSTAR 1.88	0.235	LAA	12	98
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
9A	FLEXSTAR 1.88	0.313	LAA	12	98
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
10A	FLEXSTAR 1.88	0.313	LAA	12	98
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
11A»	CADET 0.91EC	0.0043	LAA	12	92
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
12A»	CADET 0.91EC	0.0043	LAA	12	96
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
13A	CHECK	0.00	NA	0	0
14A»	CADET 0.91EC	0.0064	LAA	12	95
B»	RNDUP POWERMAX	0.77	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
15A»	CADET 0.91EC	0.0064	LAA	12	96
B»	RNDUP POWERMAX	1.55	LAA	12	
C»	N-PAK AMS	2.50	PMV	12	
LSD (0.05)					1.91
STANDARD DEVIATION					0.933

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/15/2012(1)

TITLE: Soybean / Weed Response to Glyphosate Tank-Mixes - No-Till. N-200

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 %	06/19/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/22/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/22/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	06/22/2012	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/22/2012	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	06/22/2012	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/22/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/29/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/29/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	06/29/2012	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/29/2012	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	06/29/2012	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/29/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	07/12/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/12/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	07/12/2012	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/12/2012	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBEL	CON %	07/12/2012	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	07/12/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR