

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 10 X 45 FEET
PLOT AREA: 450 FEET

DESIGN: RCB
REPS: 6

APPL. NUMBER	01	02	03	UNIT
TIMINGS	06	13	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/12/10	06/18/10	07/20/10	AME
AIR TEMPERATURE	68	86	80	F
% REL.HUMIDITY	58	40	54	
WIND DIRECTION	NORTHEAST	SOUTH	SOUTHEAST	
WIND SPEED	4.0	6.0	1.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLOUDY	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	6	6	
NOZZLE SPACING	18.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
SOYBEAN		---/15	---/67	
A 3402RR		8.00/8.00	28.0/30.0	IN
05/24/2010				
*** PEST ***				
LAMBSQUARTERS, C	---/19	---/19		
	1.00/6.00	2.00/8.00		IN
HORSEWEED / MARE	---/19	---/19		
	1.00/5.00	2.00/8.00		IN
HENBIT	---/19	---/19		
	3.00/5.00	3.00/6.00		IN
MORNINGGLORY, TA	---/11	---/19		
	1.00/2.00	4.00/6.00		IN
FOXTAIL, GIANT	---/12	---/16		
	1.00/4.00	2.00/8.00		IN
CHICKWEED, COMMO	---/19	---/19		
	2.00/4.00	4.00/6.00		IN

* TIMING CODES

06 = ----- / EPP 7DBP
13 = ----- / LPOST
15 = ----- / PO.DIRECTED

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
16 = 6 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
67 = FLOWERING DECLINING

TITLE: BASF Most Out of Every Soybean Acre. N-200

CREATED: 05/07/2010 REVISED: 10/18/2010

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 45.00 FT LONG

PLOT AREA: 450.00 SFT

REPS: 06

TRT	TREATMENT	DOSAGE		GLXMA	STEME	LAMAM	ERICA	SETFA	CHEAL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/16/10	06/16/10	06/16/10	06/16/10	06/16/10	06/16/10
1A»	RNDUP POWERMAX	0.77	LAA 13	0.0	0	0	0	0	0
B»	LIQUID AMS	2.50	PMV 13						
C	CHECK	0.00	NA 0						
2A»	RNDUP POWERMAX	0.77	LAA 6	0.0	99	99	90	58	88
B»	2,4-D LVE	0.50	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
3A»	RNDUP POWERMAX	0.77	LAA 6	0.0	99	99	98	94	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
4A»	RNDUP POWERMAX	0.77	LAA 6	0.0	99	99	99	91	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	HEADLINE 2.09E	0.098	LAA 15						
5A»	RNDUP POWERMAX	0.77	LAA 6	0.0	99	99	99	94	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	HEADLINE 2.09E	0.098	LAA 15						
G»	RESPECT 0.8L	0.02	LAA 15						
6A»	TOUCHDN TOTAL	0.78	LAA 6	0.0	99	99	96	94	98
B»	PREFIX 5.32SL	1.33	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	TOUCHDN TOTAL	0.78	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	QUADRI 2.08SC	0.098	LAA 15						
G	WARRIOR T	0.02	LAA 15						
LSD (0.05)				0.00	0.00	0.00	3.12	4.94	3.00
STANDARD DEVIATION				0.00	0.00	0.00	1.52	2.40	1.48

TITLE: BASF Most Out of Every Soybean Acre. N-200
 CREATED: 05/07/2010 REVISED: 10/18/2010 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 45.00 FT LONG
 PLOT AREA: 450.00 SFT

REPS: 06

TRT	TREATMENT	DOSAGE		PHBPU	GLXMA	STEME	LAMAM	ERICA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/16/10	06/30/10	06/30/10	06/30/10	06/30/10
1A»	RNDUP POWERMAX	0.77	LAA	13	0	18	95	90	95
B»	LIQUID AMS	2.50	PMV	13					
C	CHECK	0.00	NA	0					
2A»	RNDUP POWERMAX	0.77	LAA	6	40	0	99	99	99
B»	2, 4-D LVE	0.50	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	RNDUP POWERMAX	0.77	LAA	13					
E»	LIQUID AMS	2.50	PMV	13					
3A»	RNDUP POWERMAX	0.77	LAA	6	93	0	99	99	99
B»	OPTILL 68WG	0.085	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	RNDUP POWERMAX	0.77	LAA	13					
E»	LIQUID AMS	2.50	PMV	13					
4A»	RNDUP POWERMAX	0.77	LAA	6	91	0	99	99	99
B»	OPTILL 68WG	0.085	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	RNDUP POWERMAX	0.77	LAA	13					
E»	LIQUID AMS	2.50	PMV	13					
F	HEADLINE 2.09E	0.098	LAA	15					
5A»	RNDUP POWERMAX	0.77	LAA	6	95	0	99	99	99
B»	OPTILL 68WG	0.085	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	RNDUP POWERMAX	0.77	LAA	13					
E»	LIQUID AMS	2.50	PMV	13					
F	HEADLINE 2.09E	0.098	LAA	15					
G»	RESPECT 0.8L	0.02	LAA	15					
6A»	TOUCHDN TOTAL	0.78	LAA	6	58	0	99	99	99
B»	PREFIX 5.32SL	1.33	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	TOUCHDN TOTAL	0.78	LAA	13					
E»	LIQUID AMS	2.50	PMV	13					
F	QUADRI 2.08SC	0.098	LAA	15					
G	WARRIOR T	0.02	LAA	15					
LSD (0.05)					4.60	2.00	0.614	1.59	1.40
STANDARD DEVIATION					2.23	1.00	0.298	0.77	0.678

TITLE: BASF Most Out of Every Soybean Acre. N-200
 CREATED: 05/07/2010 REVISED: 10/18/2010 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 45.00 FT LONG
 PLOT AREA: 450.00 SFT

REPS: 06

TRT	TREATMENT	DOSAGE		CHEAL	PHBPU	GLXMA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/30/10	06/30/10	07/15/10	07/15/10	07/15/10	07/15/10
1A»	RNDUP POWERMAX	0.77	LAA 13	92	82	0	99	99	95
B»	LIQUID AMS	2.50	PMV 13						
C	CHECK	0.00	NA 0						
2A»	RNDUP POWERMAX	0.77	LAA 6	99	92	0	99	99	99
B»	2,4-D LVE	0.50	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
3A»	RNDUP POWERMAX	0.77	LAA 6	99	99	0	99	99	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
4A»	RNDUP POWERMAX	0.77	LAA 6	99	99	0	99	99	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	HEADLINE 2.09E	0.098	LAA 15						
5A»	RNDUP POWERMAX	0.77	LAA 6	99	99	0	99	99	99
B»	OPTILL 68WG	0.085	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	RNDUP POWERMAX	0.77	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	HEADLINE 2.09E	0.098	LAA 15						
G»	RESPECT 0.8L	0.02	LAA 15						
6A»	TOUCHDN TOTAL	0.78	LAA 6	99	93	0	99	99	99
B»	PREFIX 5.32SL	1.33	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	TOUCHDN TOTAL	0.78	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
F	QUADRI 2.08SC	0.098	LAA 15						
G	WARRIOR T	0.02	LAA 15						
LSD (0.05)				2.35	2.35	0.00	0.00	0.00	1.42
STANDARD DEVIATION				1.14	1.14	0.00	0.00	0.00	0.69

TITLE: BASF Most Out of Every Soybean Acre. N-200
 CREATED: 05/07/2010 REVISED: 10/18/2010 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 45.00 FT LONG
 PLOT AREA: 450.00 SFT

REPS: 06

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 07/15/10	CHEAL CON % 07/15/10	PHBPU CON % 07/15/10	GLXMA CON % 08/05/10	YIELD BU/A 09/27/10
1A»RNDUP POWERMAX	0.77	LAA	13	96	96	84	0	48.7
B»LIQUID AMS	2.50	PMV	13					
C CHECK	0.00	NA	0					
2A»RNDUP POWERMAX	0.77	LAA	6	95	99	92	0	54.8
B»2,4-D LVE	0.50	LAA	6					
C»LIQUID AMS	2.50	PMV	6					
D»RNDUP POWERMAX	0.77	LAA	13					
E»LIQUID AMS	2.50	PMV	13					
3A»RNDUP POWERMAX	0.77	LAA	6	98	99	98	0	57.3
B»OPTILL 68WG	0.085	LAA	6					
C»LIQUID AMS	2.50	PMV	6					
D»RNDUP POWERMAX	0.77	LAA	13					
E»LIQUID AMS	2.50	PMV	13					
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	99	0	58.3
B»OPTILL 68WG	0.085	LAA	6					
C»LIQUID AMS	2.50	PMV	6					
D»RNDUP POWERMAX	0.77	LAA	13					
E»LIQUID AMS	2.50	PMV	13					
F HEADLINE 2.09E	0.098	LAA	15					
5A»RNDUP POWERMAX	0.77	LAA	6	99	99	98	0	58.9
B»OPTILL 68WG	0.085	LAA	6					
C»LIQUID AMS	2.50	PMV	6					
D»RNDUP POWERMAX	0.77	LAA	13					
E»LIQUID AMS	2.50	PMV	13					
F HEADLINE 2.09E	0.098	LAA	15					
G»RESPECT 0.8L	0.02	LAA	15					
6A»TOUCHDN TOTAL	0.78	LAA	6	99	99	95	0	59.9
B»PREFIX 5.32SL	1.33	LAA	6					
C»LIQUID AMS	2.50	PMV	6					
D»TOUCHDN TOTAL	0.78	LAA	13					
E»LIQUID AMS	2.50	PMV	13					
F QUADRI 2.08SC	0.098	LAA	15					
G WARRIOR T	0.02	LAA	15					
LSD (0.05)				1.35	0.793	2.55	0.00	3.56
STANDARD DEVIATION				0.654	0.385	1.24	0.00	1.73

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 06 = ----- / EPP 7DBP 05/12/2010(1)
 13 = ----- / LPOST 06/18/2010(2)
 15 = ----- / PO.DIRECTED 07/20/2010(3)

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 %	06/16/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	06/16/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LAMAM	CON %	06/16/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	06/16/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/16/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	06/16/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/16/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/30/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	06/30/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	06/30/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	06/30/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/30/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BASF Most Out of Every Soybean Acre. N-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
013	CHEAL	CON %	06/30/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/30/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/15/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	STEME	CON %	07/15/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	LAMAM	CON %	07/15/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ERICA	CON %	07/15/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	SETFA	CON %	07/15/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/15/2010	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/15/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	GLXMA	CON %	08/05/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	YIELD	BU/A	09/27/2010	01	P	GLXMA		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = A 3402RR