

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	05/23/11	06/27/11	07/26/11	AME
AIR TEMPERATURE	80	87	88	F
% REL.HUMIDITY	62	48	80	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	NORTH	
WIND SPEED	10.0	8.0	6.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	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	---/00	---/16	---/63	
A 3431RR	/	10.0/10.0	24.0/24.0	IN
06/01/2011				
*** PEST ***				
LAMBSQUARTERS, C	---/19	---/19	---/19	
	2.00/8.00	2.00/8.00	4.00/8.00	IN
HORSEWEED / MARE	---/19	---/19	---/19	
	2.00/10.0	3.00/6.00	4.00/16.0	IN
HENBIT	---/19	---/19	---/19	
	4.00/8.00	3.00/5.00	3.00/6.00	IN
MORNINGGLORY, TA	---/10	---/18	---/19	
	1.00/1.00	2.00/6.00	4.00/6.00	IN
FOXTAIL, GIANT	---/15	---/16	---/18	
	1.00/4.00	2.00/10.0	4.00/12.0	IN
CHICKWEED, COMMO	---/19	---/19	---/19	
	1.00/4.00	2.00/4.00	2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

*** STAGE CODE**

18 = 8 LEAVES UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

63 = 30% OF FLOWERS OPEN (DETERMINATE)

TITLE: BASF Most Out of Every Soybean Acre. N-100

CREATED: 04/26/2011 REVISED: 11/04/2011

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	STEME	LAMAM	ERICA	SETFA	CHEAL	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				06/27/11	06/27/11	06/27/11	06/27/11	06/27/11
1A»	RNDUP POWERMAX	0.77	LAA 13	0	0	0	0	0
B»	ACTIVATOR 90	0.25	PMV 13					
C»	LIQUID AMS	2.50	PMV 13					
D	CHECK	0.00	NA 0					
2A»	RNDUP POWERMAX	0.77	LAA 6	99	99	93	17	84
B»	2,4-D LVE	0.50	LAA 6					
C»	ACTIVATOR 90	0.25	PMV 6					
D»	LIQUID AMS	2.50	PMV 6					
E»	RNDUP POWERMAX	0.77	LAA 13					
F»	ACTIVATOR 90	0.25	PMV 13					
G»	LIQUID AMS	2.50	PMV 13					
3A»	RNDUP POWERMAX	0.77	LAA 6	99	99	99	72	97
B»	OPTILL 68WG	0.085	LAA 6					
C»	MISO	1.00	PMV 6					
D»	LIQUID AMS	2.50	PMV 6					
E»	RNDUP POWERMAX	0.77	LAA 13					
F»	ACTIVATOR 90	0.25	PMV 13					
G»	LIQUID AMS	2.50	PMV 13					
4A»	RNDUP POWERMAX	0.77	LAA 6	99	99	99	77	98
B»	OPTILL 68WG	0.085	LAA 6					
C»	MISO	1.00	PMV 6					
D»	LIQUID AMS	2.50	PMV 6					
E»	RNDUP POWERMAX	0.77	LAA 13					
F»	ACTIVATOR 90	0.25	PMV 13					
G»	LIQUID AMS	2.50	PMV 13					
H»	PRIAXOR 4.17L	0.13	LAA 15					
I»	ACTIVATOR 90	0.25	PMV 15					
5A»	RNDUP POWERMAX	0.77	LAA 6	99	99	99	72	96
B»	OPTILL 68WG	0.085	LAA 6					
C»	LIQUID AMS	2.50	PMV 6					
D»	RNDUP POWERMAX	0.77	LAA 13					
E»	ACTIVATOR 90	0.25	PMV 13					
F»	LIQUID AMS	2.50	PMV 13					
G»	PRIAXOR 4.17L	0.13	LAA 15					
H»	FASTAC 0.83L	0.026	LAA 15					
I»	ACTIVATOR 90	0.25	PMV 15					
6A»	TOUCHDN TOTAL	0.78	LAA 6	99	99	99	56	98
B»	PREFIX 5.32SL	1.33	LAA 6					
C»	LIQUID AMS	2.50	PMV 6					
D»	TOUCHDN TOTAL	0.78	LAA 13					
E»	ACTIVATOR 90	0.25	PMV 13					
F»	LIQUID AMS	2.50	PMV 13					
G»	QUILT EXCEL 2.	0.18	LAA 15					
H	WARRIOR T	0.02	LAA 15					
I»	ACTIVATOR 90	0.25	PMV 15					
LSD (0.05)				0.00	0.00	1.19	6.65	3.65
STANDARD DEVIATION				0.00	0.00	0.577	3.23	1.77
								6.21
								3.00

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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 %
					07/22/11	07/22/11	07/22/11	07/22/11	07/22/11
1A»	RNDUP POWERMAX	0.77	LAA	13	12	98	99	98	95
B»	ACTIVATOR 90	0.25	PMV	13					
C»	LIQUID AMS	2.50	PMV	13					
D	CHECK	0.00	NA	0					
2A»	RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99
B»	2,4-D LVE	0.50	LAA	6					
C»	ACTIVATOR 90	0.25	PMV	6					
D»	LIQUID AMS	2.50	PMV	6					
E»	RNDUP POWERMAX	0.77	LAA	13					
F»	ACTIVATOR 90	0.25	PMV	13					
G»	LIQUID AMS	2.50	PMV	13					
3A»	RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	98
B»	OPTILL 68WG	0.085	LAA	6					
C»	MISO	1.00	PMV	6					
D»	LIQUID AMS	2.50	PMV	6					
E»	RNDUP POWERMAX	0.77	LAA	13					
F»	ACTIVATOR 90	0.25	PMV	13					
G»	LIQUID AMS	2.50	PMV	13					
4A»	RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99
B»	OPTILL 68WG	0.085	LAA	6					
C»	MISO	1.00	PMV	6					
D»	LIQUID AMS	2.50	PMV	6					
E»	RNDUP POWERMAX	0.77	LAA	13					
F»	ACTIVATOR 90	0.25	PMV	13					
G»	LIQUID AMS	2.50	PMV	13					
H»	PRIAXOR 4.17L	0.13	LAA	15					
I»	ACTIVATOR 90	0.25	PMV	15					
5A»	RNDUP POWERMAX	0.77	LAA	6	0	99	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»	ACTIVATOR 90	0.25	PMV	13					
F»	LIQUID AMS	2.50	PMV	13					
G»	PRIAXOR 4.17L	0.13	LAA	15					
H»	FASTAC 0.83L	0.026	LAA	15					
I»	ACTIVATOR 90	0.25	PMV	15					
6A»	TOUCHDN TOTAL	0.78	LAA	6	0	99	99	99	98
B»	PREFIX 5.32SL	1.33	LAA	6					
C»	LIQUID AMS	2.50	PMV	6					
D»	TOUCHDN TOTAL	0.78	LAA	13					
E»	ACTIVATOR 90	0.25	PMV	13					
F»	LIQUID AMS	2.50	PMV	13					
G»	QUILT EXCEL 2.	0.18	LAA	15					
H	WARRIOR T	0.02	LAA	15					
I»	ACTIVATOR 90	0.25	PMV	15					
LSD (0.05)					1.25	0.812	0.00	0.812	1.39
STANDARD DEVIATION					0.609	0.394	0.00	0.394	0.672
									1.23
									0.597

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CREATED: 04/26/2011 REVISED: 11/04/2011

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 %	CON %
				07/22/11	08/09/11	08/09/11	08/09/11	08/09/11	08/09/11
1A»	RNDUP POWERMAX	0.77	LAA 13	80	0	99	99	98	93
B»	ACTIVATOR 90	0.25	PMV 13						
C»	LIQUID AMS	2.50	PMV 13						
D	CHECK	0.00	NA 0						
2A»	RNDUP POWERMAX	0.77	LAA 6	91	0	99	99	99	98
B»	2,4-D LVE	0.50	LAA 6						
C»	ACTIVATOR 90	0.25	PMV 6						
D»	LIQUID AMS	2.50	PMV 6						
E»	RNDUP POWERMAX	0.77	LAA 13						
F»	ACTIVATOR 90	0.25	PMV 13						
G»	LIQUID AMS	2.50	PMV 13						
3A»	RNDUP POWERMAX	0.77	LAA 6	97	0	99	99	99	98
B»	OPTILL 68WG	0.085	LAA 6						
C»	MISO	1.00	PMV 6						
D»	LIQUID AMS	2.50	PMV 6						
E»	RNDUP POWERMAX	0.77	LAA 13						
F»	ACTIVATOR 90	0.25	PMV 13						
G»	LIQUID AMS	2.50	PMV 13						
4A»	RNDUP POWERMAX	0.77	LAA 6	98	0	99	99	99	98
B»	OPTILL 68WG	0.085	LAA 6						
C»	MISO	1.00	PMV 6						
D»	LIQUID AMS	2.50	PMV 6						
E»	RNDUP POWERMAX	0.77	LAA 13						
F»	ACTIVATOR 90	0.25	PMV 13						
G»	LIQUID AMS	2.50	PMV 13						
H»	PRIAXOR 4.17L	0.13	LAA 15						
I»	ACTIVATOR 90	0.25	PMV 15						
5A»	RNDUP POWERMAX	0.77	LAA 6	97	0	99	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»	ACTIVATOR 90	0.25	PMV 13						
F»	LIQUID AMS	2.50	PMV 13						
G»	PRIAXOR 4.17L	0.13	LAA 15						
H»	FASTAC 0.83L	0.026	LAA 15						
I»	ACTIVATOR 90	0.25	PMV 15						
6A»	TOUCHDN TOTAL	0.78	LAA 6	82	0	99	99	99	98
B»	PREFIX 5.32SL	1.33	LAA 6						
C»	LIQUID AMS	2.50	PMV 6						
D»	TOUCHDN TOTAL	0.78	LAA 13						
E»	ACTIVATOR 90	0.25	PMV 13						
F»	LIQUID AMS	2.50	PMV 13						
G»	QUILT EXCEL 2.	0.18	LAA 15						
H	WARRIOR T	0.02	LAA 15						
I»	ACTIVATOR 90	0.25	PMV 15						
LSD (0.05)				3.91	0.00	0.00	0.00	0.793	2.35
STANDARD DEVIATION				1.90	0.00	0.00	0.00	0.385	1.14

TITLE: BASF Most Out of Every Soybean Acre. N-100
CREATED: 04/26/2011 **REVISED:** 11/04/2011 **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	CHEAL CON % 08/09/11	PHBPU CON % 08/09/11	YIELD BU/A 10/17/11
1A»RNDUP POWERMAX	0.77	LAA	13	97	83	54.0
B»ACTIVATOR 90	0.25	PMV	13			
C»LIQUID AMS	2.50	PMV	13			
D CHECK	0.00	NA	0			
2A»RNDUP POWERMAX	0.77	LAA	6	99	95	60.0
B»2,4-D LVE	0.50	LAA	6			
C»ACTIVATOR 90	0.25	PMV	6			
D»LIQUID AMS	2.50	PMV	6			
E»RNDUP POWERMAX	0.77	LAA	13			
F»ACTIVATOR 90	0.25	PMV	13			
G»LIQUID AMS	2.50	PMV	13			
3A»RNDUP POWERMAX	0.77	LAA	6	99	99	63.0
B»OPTILL 68WG	0.085	LAA	6			
C»MSO	1.00	PMV	6			
D»LIQUID AMS	2.50	PMV	6			
E»RNDUP POWERMAX	0.77	LAA	13			
F»ACTIVATOR 90	0.25	PMV	13			
G»LIQUID AMS	2.50	PMV	13			
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	63.0
B»OPTILL 68WG	0.085	LAA	6			
C»MSO	1.00	PMV	6			
D»LIQUID AMS	2.50	PMV	6			
E»RNDUP POWERMAX	0.77	LAA	13			
F»ACTIVATOR 90	0.25	PMV	13			
G»LIQUID AMS	2.50	PMV	13			
H»PRIAXOR 4.17L	0.13	LAA	15			
I»ACTIVATOR 90	0.25	PMV	15			
5A»RNDUP POWERMAX	0.77	LAA	6	99	98	63.0
B»OPTILL 68WG	0.085	LAA	6			
C»LIQUID AMS	2.50	PMV	6			
D»RNDUP POWERMAX	0.77	LAA	13			
E»ACTIVATOR 90	0.25	PMV	13			
F»LIQUID AMS	2.50	PMV	13			
G»PRIAXOR 4.17L	0.13	LAA	15			
H»FASTAC 0.83L	0.026	LAA	15			
I»ACTIVATOR 90	0.25	PMV	15			
6A»TOUCHDN TOTAL	0.78	LAA	6	99	93	62.0
B»PREFIX 5.32SL	1.33	LAA	6			
C»LIQUID AMS	2.50	PMV	6			
D»TOUCHDN TOTAL	0.78	LAA	13			
E»ACTIVATOR 90	0.25	PMV	13			
F»LIQUID AMS	2.50	PMV	13			
G»QUILT EXCEL 2.	0.18	LAA	15			
H WARRIOR T	0.02	LAA	15			
I»ACTIVATOR 90	0.25	PMV	15			
LSD (0.05)				0.753	3.83	7.67
STANDARD DEVIATION				0.366	1.86	3.72

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
06 = ----- / EPP 7DBP 05/23/2011(1)
13 = ----- / LPOST 06/27/2011(2)
15 = ----- / PO.DIRECTED 07/26/2011(3)

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 %	06/27/2011	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BASF Most Out of Every Soybean Acre. N-100

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	LAMAM	CON %	06/27/2011	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	06/27/2011	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/27/2011	05	P	SETFA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/27/2011	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/27/2011	07	P	PHBPU	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/22/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	STEME	CON %	07/22/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	07/22/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	07/22/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	07/22/2011	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	07/22/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	07/22/2011	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	08/09/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	STEME	CON %	08/09/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	LAMAM	CON %	08/09/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ERICA	CON %	08/09/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	08/09/2011	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	08/09/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	08/09/2011	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	YIELD	BU/A	10/17/2011	01	P	GLXMA		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = A 3431RR

* STAGE CODE

16 = 6 LEAVES UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED