

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
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	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/22/15	06/15/15	06/30/15	AME
AIR TEMPERATURE	75	83	74	F
% REL.HUMIDITY	45	72	80	
WIND DIRECTION	NORTHEAST	SOUTHWEST	WEST	
WIND SPEED	4.0	5.0	5.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	OVERCAST-	
DEW	NO	YES	YES	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	15.00	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	TO BE SEL	
FOLIAGE HEIGHT				FT
FOLIAGE WIDTH				FT
ROW WIDTH				FT
SPRAY VOL LWA/TRV				
S VOL LWA/TRV UNIT				
LEAF WALL AREA				M2H
TREE ROW VOLUME				M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, SOYBEAN		---/14	---/17	
HERB TOLERANT VA		6.00/6.00	16.0/16.0	IN
(PLANTED) 05/22/2015		24 DAP	39 DAP	
PEST *				
P, HAMBURK		---/12	---/14	
		1.00/2.00	2.00/4.00	IN
P, WATERHEMP, COMMO		---/15	---/16	
		1.00/2.00	1.00/4.00	IN
P, LAMBSQUARTERS, C		---/15	---/19	
		1.00/1.00	1.00/3.00	IN
P, MORNINGGLORY, TA		---/11	---/12	
		1.00/1.00	1.00/3.00	IN
P, FOXTAIL, GIANT		---/13	---/15	
		1.00/4.00	1.00/4.00	IN

* TIMING CODES

09 = --- / PREEMERGENCE

*** TIMING CODES**

11 = --- / EPOST
13 = --- / LPOST

*** STAGE CODE**

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BASF Weed Control in RR2 Extend Soybean. AS-100
CREATED: 04/26/2015 **REVISED:** 08/27/2015 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/15/15	SETFA CON % 06/15/15	CHEAL CON % 06/15/15	AMATA CON % 06/15/15	ABUAN CON % 06/15/15	PHBPU CON % 06/15/15
1A»RNDUP POWERMAX	1.00	LAA	11	C	C	C	C	C	C
B»ENGANIA 5L	0.50	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RR2 XTEND SOY	0.00	NA	0						
2A»OPTILL 68WG	0.085	LAA	9	0	93	99	99	99	85
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGANIA 5L	0.50	LAA	11						
E»ACTIVATOR 90	0.25	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
3A»OPTILL 68WG	0.085	LAA	9	0	92	99	99	99	85
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGANIA 5L	0.50	LAA	11						
E OUTLOOK 6EC	0.75	LAA	11						
F»ACTIVATOR 90	0.25	PMV	11						
G»RR2 XTEND SOY	0.00	NA	0						
4A»OPTILL 68WG	0.085	LAA	9	0	92	99	99	99	87
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»PREFIX 5.32SL	1.66	LAA	11						
E»COC	1.00	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
5A»RNDUP POWERMAX	1.00	LAA	11	C	C	C	C	C	C
B CLARITY	0.50	LAA	11						
C»WARRANT 3L	1.125	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
6A CLARITY	1.00	LAA	9	0	0	40	30	40	43
B»RNDUP POWERMAX	1.00	LAA	11						
C CLARITY	0.50	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
7A»RNDUP POWERMAX	1.00	LAA	11	C	C	C	C	C	C
B CLARITY	1.00	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RNDUP POWERMAX	1.00	LAA	13						
E CLARITY	0.50	LAA	13						
F»ACTIVATOR 90	0.25	PMV	13						
G»RR2 XTEND SOY	0.00	NA	0						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»AUTHORITY XL 7	0.175	LAA	9	0	73	99	99	99	96
B»FLEXSTAR GT 3.	1.06	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
E»RR2 SOY	0.00	PMV	0						
10A»RNDUP POWERMAX	1.00	LAA	11	C	C	C	C	C	C
B»LIQUID AMS	2.50	PMV	11						
C»RNDUP POWERMAX	1.00	LAA	13						
D»LIQUID AMS	2.50	PMV	13						
E»RR2 XTEND SOY	0.00	NA	0						
LSD (0.05)				0.00	7.67	5.42	5.42	5.42	5.16
STANDARD DEVIATION				0.00	3.65	2.58	2.58	2.58	2.46

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CREATED: 04/26/2015 **REVISED:** 08/27/2015 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/29/15	SETFA CON % 06/29/15	CHEAL CON % 06/29/15	AMATA CON % 06/29/15	ABUAN CON % 06/29/15	PHBPU CON % 06/29/15
1A»RNDUP POWERMAX	1.00	LAA	11	0	98	99	99	99	98
B»ENGANIA 5L	0.50	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RR2 XTEND SOY	0.00	NA	0						
2A»OPTILL 68WG	0.085	LAA	9	0	99	99	99	99	99
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGANIA 5L	0.50	LAA	11						
E»ACTIVATOR 90	0.25	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
3A»OPTILL 68WG	0.085	LAA	9	0	99	99	99	99	99
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGANIA 5L	0.50	LAA	11						
E OUTLOOK 6EC	0.75	LAA	11						
F»ACTIVATOR 90	0.25	PMV	11						
G»RR2 XTEND SOY	0.00	NA	0						
4A»OPTILL 68WG	0.085	LAA	9	23	99	99	99	99	99
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»PREFIX 5.32SL	1.66	LAA	11						
E»COC	1.00	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
5A»RNDUP POWERMAX	1.00	LAA	11	0	99	99	99	99	99
B CLARITY	0.50	LAA	11						
C»WARRANT 3L	1.125	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
6A CLARITY	1.00	LAA	9	0	96	99	99	99	98
B»RNDUP POWERMAX	1.00	LAA	11						
C CLARITY	0.50	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
7A»RNDUP POWERMAX	1.00	LAA	11	0	99	99	99	99	99
B CLARITY	1.00	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RNDUP POWERMAX	1.00	LAA	13						
E CLARITY	0.50	LAA	13						
F»ACTIVATOR 90	0.25	PMV	13						
G»RR2 XTEND SOY	0.00	NA	0						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»AUTHORITY XL 7	0.175	LAA	9	22	95	99	99	99	99
B»FLEXSTAR GT 3.	1.06	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
E»RR2 SOY	0.00	PMV	0						
10A»RNDUP POWERMAX	1.00	LAA	11	0	94	99	92	99	92
B»LIQUID AMS	2.50	PMV	11						
C»RNDUP POWERMAX	1.00	LAA	13						
D»LIQUID AMS	2.50	PMV	13						
E»RR2 XTEND SOY	0.00	NA	0						
LSD (0.05)				4.90	3.18	0.00	2.00	0.00	1.72
STANDARD DEVIATION				2.33	1.51	0.00	0.931	0.00	0.818

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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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/11/15	SETFA CON % 07/11/15	CHEAL CON % 07/11/15	AMATA CON % 07/11/15	ABUAN CON % 07/11/15	PHBPU CON % 07/11/15
1A»RNDUP POWERMAX	1.00	LAA	11	0	97	99	98	99	98
B»ENGENTIA 5L	0.50	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RR2 XTEND SOY	0.00	NA	0						
2A»OPTILL 68WG	0.085	LAA	9	0	99	99	99	99	99
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGENTIA 5L	0.50	LAA	11						
E»ACTIVATOR 90	0.25	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
3A»OPTILL 68WG	0.085	LAA	9	0	99	99	99	99	99
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»ENGENTIA 5L	0.50	LAA	11						
E OUTLOOK 6EC	0.75	LAA	11						
F»ACTIVATOR 90	0.25	PMV	11						
G»RR2 XTEND SOY	0.00	NA	0						
4A»OPTILL 68WG	0.085	LAA	9	9	99	99	99	99	98
B OUTLOOK 6EC	0.47	LAA	9						
C»RNDUP POWERMAX	1.00	LAA	11						
D»PREFIX 5.32SL	1.66	LAA	11						
E»COC	1.00	PMV	11						
F»RR2 XTEND SOY	0.00	NA	0						
5A»RNDUP POWERMAX	1.00	LAA	11	0	99	99	99	99	98
B CLARITY	0.50	LAA	11						
C»WARRANT 3L	1.125	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
6A CLARITY	1.00	LAA	9	0	86	99	95	99	95
B»RNDUP POWERMAX	1.00	LAA	11						
C CLARITY	0.50	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»RR2 XTEND SOY	0.00	NA	0						
7A»RNDUP POWERMAX	1.00	LAA	11	0	99	99	99	99	99
B CLARITY	1.00	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»RNDUP POWERMAX	1.00	LAA	13						
E CLARITY	0.50	LAA	13						
F»ACTIVATOR 90	0.25	PMV	13						
G»RR2 XTEND SOY	0.00	NA	0						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»AUTHORITY XL 7	0.175	LAA	9	11	93	99	99	99	99
B»FLEXSTAR GT 3.	1.06	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
E»RR2 SOY	0.00	PMV	0						
10A»RNDUP POWERMAX	1.00	LAA	11	0	97	99	98	99	98
B»LIQUID AMS	2.50	PMV	11						
C»RNDUP POWERMAX	1.00	LAA	13						
D»LIQUID AMS	2.50	PMV	13						
E»RR2 XTEND SOY	0.00	NA	0						
LSD (0.05)				1.72	3.50	0.00	1.27	0.00	0.802
STANDARD DEVIATION				0.82	1.67	0.00	0.602	0.00	0.382

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

*** CONTINUE ON NEXT PAGE

00 = --- / UNTREATED TIMING
 00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/22/2015(1)
 11 = --- / EPOST 06/15/2015(2)
 13 = --- / LPOST 06/30/2015(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/15/2015	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/15/2015	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/15/2015	03	P	CHEAL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/15/2015	04	P	AMATA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUAN	CON %	06/15/2015	05	P	ABUAN	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/15/2015	06	P	PHBPU	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/29/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/29/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/29/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/29/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUAN	CON %	06/29/2015	05	P	ABUAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/29/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/11/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/11/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/11/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/11/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUAN	CON %	07/11/2015	05	P	ABUAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/11/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = HERB TOLERANT VARIETY

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED