

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: NA  
 PH: 6.6  
 %OM: 3.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/08/17	07/03/17	AME
TIME - BEGIN	10:00	13:30	24H
TIME - END	10:20	13:45	24H
AIR TEMPERATURE	72	93	F
% REL.HUMIDITY	37	46	
WIND DIRECTION	NORTH	SOUTHEAST	
WIND SPEED	6.0	3.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	70/4.00	90/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
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
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	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	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	
CROP *			
P, SOYBEAN		---/14	
S35-K9X		5.00/5.00	IN
(PLANTED) 06/07/2017		26 DAP	
PEST *			
P, VELVETLEAF		---/15	
		3.00/3.00	IN
P, WATERHEMP, COMMO		---/18	
		3.00/3.00	IN
P, FOXTAIL, GIANT		---/16	
		4.00/5.00	IN

**\* TIMING CODES**

09 = --- / PREEMERGENCE  
11 = --- / EPOST

**\* STAGE CODE**

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TRIAL # US 263/17/01 003 01 : USVALWH CLEM  
DATA MEAN

**TITLE:** Valor EZ Combinations for weed control in Dicamba-Tolerant Soybean. Clem  
**CREATED:** 05/05/2017 **REVISED:** 11/09/2017 **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			GLXMA	AMATA	ABUTH	SETFA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 07/10/17	CON % 07/10/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	RNDUP POWERMAX	1.125	LAA	11	0	70	70	89	0	92
	B>>XTENDIMAX 2.9	0.29	LAA	11						
	C>>AG16098	0.50	PMV	11						
3A	ZIDUA PRO 4.09	0.144	LAA	9	0	99	99	99	0	99
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
4A	VALOR EZ 4SC	0.078	LAA	9	0	97	97	99	0	98
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
5A	FIERCE 76WG	0.143	LAA	9	0	99	99	99	0	98
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
6A	FIERCENTZ 2.64	0.33	LAA	9	0	99	98	99	0	99
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
7A	AUTHORITY MTZ	0.31	LAA	9	0	98	98	99	0	98
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
8A	AUTHOR. ELITE	1.42	LAA	9	0	87	87	99	0	96
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
9A	VALOR EZ 4SC	0.078	LAA	9	0	98	98	99	0	99
	B SENCOR 75WG	0.188	LAA	9						
	C>>RNDUP POWERMAX	1.125	LAA	11						
	D>>XTENDIMAX 2.9	0.29	LAA	11						
	E>>AG16098	0.50	PMV	11						
10A	VALOR EZ 4SC	0.063	LAA	9	0	95	95	99	0	98
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
11A	V-10425 1.52SC	0.143	LAA	9	0	99	98	99	0	99
	B>>RNDUP POWERMAX	1.125	LAA	11						
	C>>XTENDIMAX 2.9	0.29	LAA	11						
	D>>AG16098	0.50	PMV	11						
12A	VALOR EZ 4SC	0.063	LAA	9	0	97	97	99	0	99
	B>>V-10463 0.45 S	0.081	LAA	9						
	C>>RNDUP POWERMAX	1.125	LAA	11						
	D>>XTENDIMAX 2.9	0.29	LAA	11						
	E>>AG16098	0.50	PMV	11						
		LSD (0.05)			0.0	7.1	7.0	8.2	0.0	2.0
		STANDARD DEVIATION			0.0	3.4	3.4	4.0	0.0	1.0

**TRIAL # US 263/17/01 003 01 : USVALWH CLEM  
DATA MEAN**

**TITLE:** Valor EZ Combinations for weed control in Dicamba-Tolerant Soybean. Clem  
**CREATED:** 05/05/2017 **REVISED:** 11/09/2017 **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			ABUTH	SETFA	GLXMA	AMATA	ABUTH	SETFA
	RATE	UNIT	TM	CON % 07/10/17	CON % 07/10/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17
1A CHECK	0.00	NA	0	0	0	0	0	0	0
2A»RNDUP POWERMAX	1.125	LAA	11	99	99	0	94	97	99
B»XTENDIMAX 2.9	0.29	LAA	11						
C»AG16098	0.50	PMV	11						
3A»ZIDUA PRO 4.09	0.144	LAA	9	99	99	0	99	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
4A»VALOR EZ 4SC	0.078	LAA	9	99	99	0	99	98	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
5A»FIERCE 76WG	0.143	LAA	9	99	99	0	98	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
6A»FIERCEMTZ 2.64	0.33	LAA	9	99	99	0	99	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
7A»AUTHORITY MTZ	0.31	LAA	9	99	99	0	99	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
8A»AUTHOR. ELITE	1.42	LAA	9	99	99	0	98	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
9A»VALOR EZ 4SC	0.078	LAA	9	99	99	0	99	99	99
B SENCOR 75WG	0.188	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	11						
D»XTENDIMAX 2.9	0.29	LAA	11						
E»AG16098	0.50	PMV	11						
10A»VALOR EZ 4SC	0.063	LAA	9	99	99	0	99	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
11A»V-10425 1.52SC	0.143	LAA	9	99	99	0	99	99	99
B»RNDUP POWERMAX	1.125	LAA	11						
C»XTENDIMAX 2.9	0.29	LAA	11						
D»AG16098	0.50	PMV	11						
12A»VALOR EZ 4SC	0.063	LAA	9	99	99	0	99	99	99
B»V-10463 0.45 S	0.081	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	11						
D»XTENDIMAX 2.9	0.29	LAA	11						
E»AG16098	0.50	PMV	11						
	LSD (0.05)			0.3	0.0	0.0	1.9	1.2	0.0
	STANDARD DEVIATION			0.1	0.0	0.0	0.9	0.6	0.0

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DATA MEAN

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 CREATED: 05/05/2017 REVISED: 11/09/2017 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			GLXMA	AMATA	ABUTH	SETFA	YIELD
		RATE	UNIT	TM	CON % 08/03/17	CON % 08/03/17	CON % 08/03/17	CON % 08/03/17	BU/A 10/31/17
1A	CHECK	0.00	NA	0	0	0	0	0	25
2A	RNDUP POWERMAX	1.125	LAA	11	0	99	98	99	69
	B>XTENDIMAX 2.9	0.29	LAA	11					
	C>AG16098	0.50	PMV	11					
3A	ZIDUA PRO 4.09	0.144	LAA	9	0	99	99	99	66
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
4A	VALOR EZ 4SC	0.078	LAA	9	0	99	97	99	71
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
5A	FIERCE 76WG	0.143	LAA	9	0	99	98	99	69
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
6A	FIERCMTZ 2.64	0.33	LAA	9	0	99	98	99	73
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
7A	AUTHORITY MTZ	0.31	LAA	9	0	99	98	99	69
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
8A	AUTHOR. ELITE	1.42	LAA	9	0	99	98	99	68
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
9A	VALOR EZ 4SC	0.078	LAA	9	0	99	99	99	71
	B SENCOR 75WG	0.188	LAA	9					
	C>RNDUP POWERMAX	1.125	LAA	11					
	D>XTENDIMAX 2.9	0.29	LAA	11					
	E>AG16098	0.50	PMV	11					
10A	VALOR EZ 4SC	0.063	LAA	9	0	99	99	99	74
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
11A	V-10425 1.52SC	0.143	LAA	9	0	99	98	99	69
	B>RNDUP POWERMAX	1.125	LAA	11					
	C>XTENDIMAX 2.9	0.29	LAA	11					
	D>AG16098	0.50	PMV	11					
12A	VALOR EZ 4SC	0.063	LAA	9	0	99	99	99	65
	B>V-10463 0.45 S	0.081	LAA	9					
	C>RNDUP POWERMAX	1.125	LAA	11					
	D>XTENDIMAX 2.9	0.29	LAA	11					
	E>AG16098	0.50	PMV	11					
		LSD (0.05)			0.0	0.4	2.5	0.0	12.7
		STANDARD DEVIATION			0.0	0.2	1.2	0.0	6.1

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
 09 = --- / PREEMERGENCE 06/08/2017(1)

TRIAL # US 263/17/01 003 01 : USVALWH CLEM  
DATA MEAN

\* TIMING CODES

11 = --- / EPOST 07/03/2017(2)

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 %	06/29/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/29/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/29/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/29/2017	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/10/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/10/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	07/10/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/10/2017	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/20/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/20/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/20/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/20/2017	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	08/03/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	CON %	08/03/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	CON %	08/03/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	08/03/2017	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	YIELD	BU/A	10/31/2017	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = S35-K9X