

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
PH: 5.8  
%OM: 3.2  
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	UNIT
TIMINGS	05	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/08/17	06/27/17	AME
TIME - BEGIN	15:40	09:30	24H
TIME - END	15:53	10:00	24H
AIR TEMPERATURE	63	69	F
% REL.HUMIDITY	36	47	
WIND DIRECTION	NORTH	NORTH	
WIND SPEED	4.0	4.0	M/H
CLOUD COVER	PAR.CLOUD	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	54/4.00	78/4.00	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		---/16	
BECKS 3153X2		7.00/8.00	IN
(PLANTED) 05/31/2017		27 DAP	
PEST *			
P, HORSEWEED / MARE	---/19 2.00/4.00	---/19 8.00/24.0	IN

\* TIMING CODES

05 = --- / EPP 15 DBP  
11 = --- / EPOST

\* STAGE CODE

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

**TRIAL # US 294/17/01 003 01 : USVALNTX\* C-200**  
**DATA MEAN**

**TITLE:** Valent Treatments for Spring Burndown weed control in Soybean. C-200  
**CREATED:** 05/02/2017 **REVISED:** 02/20/2018 **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			ERICA	ERICA	GLXMA	GLXMA	ERICA	ERICA
		RATE	UNIT	TM	CON % 05/30/17	CON % 06/05/17	CON % 06/12/17	CON % 06/26/17	CON % 07/07/17	CON % 07/12/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	RNDUP POWERMAX	1.125	LAA	5	95	95	0	0	84	85
	B CLARITY	0.50	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»RNDUP POWERMAX	1.125	LAA	11						
	E»XTENDIMAX 2.9	0.50	LAA	11						
	F»INTACT	0.50	PMV	11						
	G»ACTIVATOR 90	0.25	PMV	11						
3A	RNDUP POWERMAX	1.125	LAA	5	99	99	0	0	97	97
	B CLARITY	0.50	LAA	5						
	C»ZIDUA PRO 4.09	0.192	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
4A	RNDUP POWERMAX	1.125	LAA	5	96	98	0	0	93	98
	B CLARITY	0.50	LAA	5						
	C»VALOR EZ 4SC	0.078	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
5A	RNDUP POWERMAX	1.125	LAA	5	96	98	0	0	96	97
	B CLARITY	0.50	LAA	5						
	C»FIERCE 76WG	0.14	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
6A	RNDUP POWERMAX	1.125	LAA	5	98	98	0	0	98	97
	B CLARITY	0.50	LAA	5						
	C»FIERCEMTZ 2.64	0.33	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
7A	RNDUP POWERMAX	1.125	LAA	5	97	98	0	0	97	96
	B CLARITY	0.50	LAA	5						
	C»VALOR EZ 4SC	0.078	LAA	5						
	D SENCOR 75WG	0.125	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»RNDUP POWERMAX	1.125	LAA	11						
	G»XTENDIMAX 2.9	0.50	LAA	11						
	H»INTACT	0.50	PMV	11						
	I»ACTIVATOR 90	0.25	PMV	11						
8A	RNDUP POWERMAX	1.125	LAA	5	98	98	0	0	97	96
	B CLARITY	0.50	LAA	5						
	C»AUTHORITY MTZ	0.31	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						

TRIAL # US 294/17/01 003 01 : USVALNTX\* C-200  
DATA MEAN

TITLE: Valent Treatments for Spring Burndown weed control in Soybean. C-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	ERICA	GLXMA	GLXMA	ERICA	ERICA
		RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
					05/30/17	06/05/17	06/12/17	06/26/17	07/07/17	07/12/17
9A»	RNDUP POWERMAX	1.125	LAA	5	98	98	0	0	92	92
	B CLARITY	0.50	LAA	5						
	C»AUTHOR. ELITE	1.42	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
10A»	RNDUP POWERMAX	1.125	LAA	5	98	98	0	0	98	98
	B CLARITY	0.50	LAA	5						
	C»VALOR EZ 4SC	0.063	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»RNDUP POWERMAX	1.125	LAA	11						
	F»XTENDIMAX 2.9	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
	H»ACTIVATOR 90	0.25	PMV	11						
LSD (0.05)					2.0	2.6	0.0	0.0	12.0	12.3
STANDARD DEVIATION					0.9	1.2	0.0	0.0	5.7	5.9

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**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	ERICA	YIELD
		RATE	UNIT	TM	CON % 07/25/17	CON % 07/25/17	BU/A 10/19/17
1A	CHECK	0.00	NA	0	0	0	22
2A	RNDUP POWERMAX	1.125	LAA	5	0	97	48
	B CLARITY	0.50	LAA	5			
	C>>ACTIVATOR 90	0.25	PMV	5			
	D>>RNDUP POWERMAX	1.125	LAA	11			
	E>>XTENDIMAX 2.9	0.50	LAA	11			
	F>>INTACT	0.50	PMV	11			
	G>>ACTIVATOR 90	0.25	PMV	11			
3A	RNDUP POWERMAX	1.125	LAA	5	0	96	50
	B CLARITY	0.50	LAA	5			
	C>>ZIDUA PRO 4.09	0.192	LAA	5			
	D>>ACTIVATOR 90	0.25	PMV	5			
	E>>RNDUP POWERMAX	1.125	LAA	11			
	F>>XTENDIMAX 2.9	0.50	LAA	11			
	G>>INTACT	0.50	PMV	11			
	H>>ACTIVATOR 90	0.25	PMV	11			
4A	RNDUP POWERMAX	1.125	LAA	5	0	97	46
	B CLARITY	0.50	LAA	5			
	C>>VALOR EZ 4SC	0.078	LAA	5			
	D>>ACTIVATOR 90	0.25	PMV	5			
	E>>RNDUP POWERMAX	1.125	LAA	11			
	F>>XTENDIMAX 2.9	0.50	LAA	11			
	G>>INTACT	0.50	PMV	11			
	H>>ACTIVATOR 90	0.25	PMV	11			
5A	RNDUP POWERMAX	1.125	LAA	5	0	94	46
	B CLARITY	0.50	LAA	5			
	C>>FIERCE 76WG	0.14	LAA	5			
	D>>ACTIVATOR 90	0.25	PMV	5			
	E>>RNDUP POWERMAX	1.125	LAA	11			
	F>>XTENDIMAX 2.9	0.50	LAA	11			
	G>>INTACT	0.50	PMV	11			
	H>>ACTIVATOR 90	0.25	PMV	11			
6A	RNDUP POWERMAX	1.125	LAA	5	0	97	47
	B CLARITY	0.50	LAA	5			
	C>>FIERCEMTZ 2.64	0.33	LAA	5			
	D>>ACTIVATOR 90	0.25	PMV	5			
	E>>RNDUP POWERMAX	1.125	LAA	11			
	F>>XTENDIMAX 2.9	0.50	LAA	11			
	G>>INTACT	0.50	PMV	11			
	H>>ACTIVATOR 90	0.25	PMV	11			
7A	RNDUP POWERMAX	1.125	LAA	5	0	94	50
	B CLARITY	0.50	LAA	5			
	C>>VALOR EZ 4SC	0.078	LAA	5			
	D SENCOR 75WG	0.125	LAA	5			
	E>>ACTIVATOR 90	0.25	PMV	5			
	F>>RNDUP POWERMAX	1.125	LAA	11			
	G>>XTENDIMAX 2.9	0.50	LAA	11			
	H>>INTACT	0.50	PMV	11			
	I>>ACTIVATOR 90	0.25	PMV	11			
8A	RNDUP POWERMAX	1.125	LAA	5	0	97	48
	B CLARITY	0.50	LAA	5			
	C>>AUTHORITY MTZ	0.31	LAA	5			
	D>>ACTIVATOR 90	0.25	PMV	5			
	E>>RNDUP POWERMAX	1.125	LAA	11			
	F>>XTENDIMAX 2.9	0.50	LAA	11			
	G>>INTACT	0.50	PMV	11			
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		RATE	UNIT	TM	CON % 07/25/17	CON % 07/25/17	BU/A 10/19/17
9A»	RNDUP POWERMAX	1.125	LAA	5	0	98	46
	B CLARITY	0.50	LAA	5			
	C»AUTHOR. ELITE	1.42	LAA	5			
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	E»RNDUP POWERMAX	1.125	LAA	11			
	F»XTENDIMAX 2.9	0.50	LAA	11			
	G»INTACT	0.50	PMV	11			
	H»ACTIVATOR 90	0.25	PMV	11			
10A»	RNDUP POWERMAX	1.125	LAA	5	0	98	47
	B CLARITY	0.50	LAA	5			
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	E»RNDUP POWERMAX	1.125	LAA	11			
	F»XTENDIMAX 2.9	0.50	LAA	11			
	G»INTACT	0.50	PMV	11			
	H»ACTIVATOR 90	0.25	PMV	11			
LSD (0.05)					0.0	3.9	9.8
STANDARD DEVIATION					0.0	1.8	4.7

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
05 = --- / EPP 15 DBP 05/08/2017(1)  
11 = --- / EPOST 06/27/2017(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ERICA	CON %	05/30/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERICA	CON %	06/05/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/12/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	06/26/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERICA	CON %	07/07/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	07/12/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/25/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERICA	CON %	07/25/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/19/2017	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = BECKS 3153X2