

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 3.0
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	UNIT
TIMINGS	12	
TYPE	LIQUID MI	
APPLICATION DATE	06/13/17	AME
TIME - BEGIN	08:15	24H
TIME - END	08:35	24H
AIR TEMPERATURE	85	F
% REL.HUMIDITY	70	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/ DRY	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	77/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	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	
PEST *		
P, VELVETLEAF	---/16 6.00/6.00	IN
P, WATERHEMP, COMMO	---/19 6.00/6.00	IN
P, LAMBSQUARTERS, C	---/19 2.00/6.00	IN
P, MORNINGGLORY, TA	---/19 4.00/4.00	IN
P, FOXTAIL, GIANT	---/19 6.00/10.0	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST * P, COCKLEBUR, COMMO	---/19 8.00/8.00	IN

* TIMING CODES

12 = --- / POST

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = 9 OR MORE LEAVES UNFOLDED

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

TRIAL # US 221/17/01 002 01 : USWESTBARE* AS-100
DATA MEAN

TITLE: West Central Glyphosate / Dicamba Adjuvant Comparison in RR2xtend Soybean. AS-100
 CREATED: 05/10/2017 REVISED: 02/13/2018 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			SETFA	AMATA	CHEAL	ABUTH	PHBPU	XANST
		RATE	UNIT	TM	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»XTENDIMAX 2.9	0.25	LAA	12	80	75	73	80	75	85
	B»BUCCANEER PLUS	0.375	LAA	12						
3A	»XTENDIMAX 2.9	0.25	LAA	12	73	79	78	77	75	82
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
4A	»XTENDIMAX 2.9	0.25	LAA	12	79	81	80	78	73	87
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC239	0.50	PMV	12						
5A	»XTENDIMAX 2.9	0.25	LAA	12	82	80	83	77	73	88
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC317	0.50	PMV	12						
6A	»XTENDIMAX 2.9	0.25	LAA	12	78	77	82	82	80	85
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC318	0.50	PMV	12						
7A	»XTENDIMAX 2.9	0.25	LAA	12	75	82	85	80	72	88
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC301	0.50	PMV	12						
8A	»XTENDIMAX 2.9	0.25	LAA	12	83	81	84	90	75	88
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC305	0.50	PMV	12						
9A	»XTENDIMAX 2.9	0.25	LAA	12	80	82	85	82	78	87
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC211	0.25	PMV	12						
10A	»XTENDIMAX 2.9	0.25	LAA	12	83	72	86	87	77	85
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC221	0.50	PMV	12						
11A	»XTENDIMAX 2.9	0.25	LAA	12	82	80	84	82	70	85
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC319	0.50	PMV	12						
12A	»XTENDIMAX 2.9	0.25	LAA	12	77	81	83	80	73	85
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC316	0.25	PMV	12						
13A	»XTENDIMAX 2.9	0.25	LAA	12	85	78	86	72	78	83
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC322	0.25	PMV	12						
14A	»XTENDIMAX 2.9	0.50	LAA	12	81	78	82	72	77	88
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
15A	»XTENDIMAX 2.9	0.50	LAA	12	87	87	85	84	84	90
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»CLASS ACT RIDI	1.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			9.3	10.4	6.1	9.3	8.5	6.8
		STANDARD DEVIATION			4.6	5.1	3.0	4.6	4.2	3.3

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 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
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 PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
 PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	CHEAL	ABUTH	ABUTH	XANST
		RATE	UNIT	TM	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»XTENDIMAX 2.9	0.25	LAA	12	70	67	77	85	73	99
	B»BUCCANEER PLUS	0.375	LAA	12						
3A	»XTENDIMAX 2.9	0.25	LAA	12	72	75	93	82	63	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
4A	»XTENDIMAX 2.9	0.25	LAA	12	65	78	85	81	72	97
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC239	0.50	PMV	12						
5A	»XTENDIMAX 2.9	0.25	LAA	12	83	69	88	83	68	98
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC317	0.50	PMV	12						
6A	»XTENDIMAX 2.9	0.25	LAA	12	60	68	86	88	63	92
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC318	0.50	PMV	12						
7A	»XTENDIMAX 2.9	0.25	LAA	12	60	78	85	82	57	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC301	0.50	PMV	12						
8A	»XTENDIMAX 2.9	0.25	LAA	12	68	68	82	94	57	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC305	0.50	PMV	12						
9A	»XTENDIMAX 2.9	0.25	LAA	12	72	77	88	88	53	95
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC211	0.25	PMV	12						
10A	»XTENDIMAX 2.9	0.25	LAA	12	84	67	96	92	57	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC221	0.50	PMV	12						
11A	»XTENDIMAX 2.9	0.25	LAA	12	73	70	94	85	60	98
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC319	0.50	PMV	12						
12A	»XTENDIMAX 2.9	0.25	LAA	12	73	80	93	82	53	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC316	0.25	PMV	12						
13A	»XTENDIMAX 2.9	0.25	LAA	12	82	77	90	79	57	95
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
	D»WC322	0.25	PMV	12						
14A	»XTENDIMAX 2.9	0.50	LAA	12	73	78	91	86	68	99
	B»BUCCANEER PLUS	0.375	LAA	12						
	C»WC232	0.50	PMV	12						
15A	»XTENDIMAX 2.9	0.50	LAA	12	73	78	91	96	68	95
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»CLASS ACT RIDI	1.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			19.7	17.9	6.9	8.8	11.5	4.5
		STANDARD DEVIATION			9.6	8.8	3.4	4.3	5.6	2.2

» = SUPPLEMENTAL CHEMICAL

TRIAL # US 221/17/01 002 01 : USWESTBARE* AS-100
DATA MEAN

* TIMING CODES

00 = --- / UNTREATED TIMING
12 = --- / POST 06/13/2017(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	SETFA	CON %	06/29/2017	01	P	SETFA		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	CHEAL	CON %	06/29/2017	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/29/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/29/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/29/2017	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/13/2017	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/13/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/13/2017	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	07/13/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/13/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	07/13/2017	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N