

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.2
%OM: 3.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 35 FEET
PLOT AREA: 262.5 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQUID MI	
APPLICATION DATE	07/14/17	AME
TIME - BEGIN	12:05	24H
TIME - END	12:25	24H
AIR TEMPERATURE	84	F
% REL.HUMIDITY	65	
WIND DIRECTION	NORTHWEST	
WIND SPEED	8.0	M/H
CLOUD COVER	PAR.CLOUD	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	80/4.00	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	0.290	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	15.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	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	
CROP *		
P, SOYBEAN	---/65	
AG2632 GENRR2Y	15.0/15.0	IN
(PLANTED) 06/01/2017	43 DAP	
PEST *		
P, VELVETLEAF	---/18	
	3.00/12.0	IN
P, WATERHEMP, COMMO	---/18	
	2.00/12.0	IN
P, RAGWEED, COMMON	---/16	
	2.00/14.0	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST * P, LAMBSQUARTERS, C	---/19 0.50/10.0	IN
P, BARNYARDGRASS	---/19 2.00/14.0	IN
P, SIDA, PRICKLY, T	---/19 1.00/6.00	IN

* TIMING CODES

12 = --- / POST

* STAGE CODE

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

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

19 = 9 OR MORE LEAVES UNFOLDED

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

65 = 50% OF FLOWERS OPEN (DETERMINATE); MAIN FLOWERING PERIOD (INDETERM.)

**TRIAL # US 208/17/01 003 01 : USWESTC* C-500
DATA MEAN**

TITLE: West Central Glyphosate / Adjuvant Comparison in RR2 Soybean. C-500
CREATED: 05/02/2017 **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 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	ECHCG	AMATA	ABUTH	
		RATE	UNIT	TM	CON % 07/17/17	CON % 07/21/17	CON % 07/28/17	CON % 07/28/17	CON % 07/28/17	CON % 07/28/17	
1A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	86	89	91	
B»	WC037	0.50	PMV	12							
2A»	BUCCANEER PLUS	0.375	LAA	12	4	2	0	88	82	88	
B»	WC240	2.50	PMV	12							
3A»	BUCCANEER PLUS	0.375	LAA	12	1	0	0	88	88	87	
B»	WC109	2.50	PMV	12							
4A»	BUCCANEER PLUS	0.375	LAA	12	3	0	0	90	77	96	
B»	WC269	2.50	PMV	12							
5A»	BUCCANEER PLUS	0.375	LAA	12	6	3	0	88	70	92	
B»	WC268	2.50	PMV	12							
6A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	89	73	88	
B»	WC232	0.50	PMV	12							
7A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	78	79	80	
B»	WC317	0.50	PMV	12							
8A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	86	78	80	
B»	WC301	0.50	PMV	12							
9A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	88	83	93	
B»	WC318	0.50	PMV	12							
10A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	92	72	84	
B»	WC319	0.50	PMV	12							
11A»	BUCCANEER PLUS	0.375	LAA	12	3	1	0	89	75	90	
B»	WC240	2.50	PMV	12							
C»	WC211	0.25	PMV	12							
12A»	BUCCANEER PLUS	0.375	LAA	12	0	0	0	90	75	88	
B»	WC221	0.50	PMV	12							
13A	CHECK	0.00	NA	0	0	0	0	0	0	0	
14A»	BUCCANEER PLUS	0.75	LAA	12	3	1	0	96	85	93	
B»	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	1.5	1.3	0.0	5.2	15.7	11.0
					STANDARD DEVIATION	0.7	0.6	0.0	2.5	7.6	5.3

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
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PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	AMBEL	SIDSP	GLXMA	ECHCG	AMATA	
		RATE	UNIT	TM	CON % 07/28/17	CON % 07/28/17	CON % 07/28/17	CON % 08/11/17	CON % 08/11/17	CON % 08/11/17	
1A»	BUCCANEER PLUS	0.375	LAA	12	91	96	84	0	77	82	
B»	WC037	0.50	PMV	12							
2A»	BUCCANEER PLUS	0.375	LAA	12	78	99	93	1	81	73	
B»	WC240	2.50	PMV	12							
3A»	BUCCANEER PLUS	0.375	LAA	12	87	94	91	0	80	82	
B»	WC109	2.50	PMV	12							
4A»	BUCCANEER PLUS	0.375	LAA	12	94	94	92	0	82	70	
B»	WC269	2.50	PMV	12							
5A»	BUCCANEER PLUS	0.375	LAA	12	73	96	96	2	79	58	
B»	WC268	2.50	PMV	12							
6A»	BUCCANEER PLUS	0.375	LAA	12	96	92	88	0	80	63	
B»	WC232	0.50	PMV	12							
7A»	BUCCANEER PLUS	0.375	LAA	12	88	92	83	0	70	68	
B»	WC317	0.50	PMV	12							
8A»	BUCCANEER PLUS	0.375	LAA	12	89	91	80	0	77	70	
B»	WC301	0.50	PMV	12							
9A»	BUCCANEER PLUS	0.375	LAA	12	90	89	88	0	78	73	
B»	WC318	0.50	PMV	12							
10A»	BUCCANEER PLUS	0.375	LAA	12	89	94	86	0	83	63	
B»	WC319	0.50	PMV	12							
11A»	BUCCANEER PLUS	0.375	LAA	12	89	90	89	0	81	68	
B»	WC240	2.50	PMV	12							
C»	WC211	0.25	PMV	12							
12A»	BUCCANEER PLUS	0.375	LAA	12	93	98	93	0	80	65	
B»	WC221	0.50	PMV	12							
13A	CHECK	0.00	NA	0	0	0	0	0	0	0	
14A»	BUCCANEER PLUS	0.75	LAA	12	84	99	99	1	89	80	
B»	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	11.5	10.0	5.9	1.7	5.8	15.3
					STANDARD DEVIATION	5.6	4.9	2.9	0.8	2.8	7.4

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 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
 PLOT AREA: 262.50 SFT

REPS: 03

TRT	TREATMENT	DOSAGE			ABUTH	CHEAL	AMBEL	SIDSP
NUM	COMPONENT	RATE	UNIT	TM	CON % 08/11/17	CON % 08/11/17	CON % 08/11/17	CON % 08/11/17
1A»	BUCCANEER PLUS	0.375	LAA	12	88	89	94	80
B»	WC037	0.50	PMV	12				
2A»	BUCCANEER PLUS	0.375	LAA	12	83	77	98	89
B»	WC240	2.50	PMV	12				
3A»	BUCCANEER PLUS	0.375	LAA	12	83	83	93	88
B»	WC109	2.50	PMV	12				
4A»	BUCCANEER PLUS	0.375	LAA	12	93	90	94	88
B»	WC269	2.50	PMV	12				
5A»	BUCCANEER PLUS	0.375	LAA	12	87	72	94	93
B»	WC268	2.50	PMV	12				
6A»	BUCCANEER PLUS	0.375	LAA	12	85	88	90	82
B»	WC232	0.50	PMV	12				
7A»	BUCCANEER PLUS	0.375	LAA	12	74	84	90	80
B»	WC317	0.50	PMV	12				
8A»	BUCCANEER PLUS	0.375	LAA	12	77	83	89	75
B»	WC301	0.50	PMV	12				
9A»	BUCCANEER PLUS	0.375	LAA	12	88	88	88	82
B»	WC318	0.50	PMV	12				
10A»	BUCCANEER PLUS	0.375	LAA	12	82	85	92	81
B»	WC319	0.50	PMV	12				
11A»	BUCCANEER PLUS	0.375	LAA	12	87	88	88	87
B»	WC240	2.50	PMV	12				
C»	WC211	0.25	PMV	12				
12A»	BUCCANEER PLUS	0.375	LAA	12	85	91	96	92
B»	WC221	0.50	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	0
14A»	BUCCANEER PLUS	0.75	LAA	12	91	83	99	97
B»	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					13.6	11.8	12.7	6.2
STANDARD DEVIATION					6.6	5.7	6.2	3.0

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 12 = --- / POST 07/14/2017(1)

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 %	07/17/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/21/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/28/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ECHCG	CON %	07/28/2017	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/28/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	07/28/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	07/28/2017	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	07/28/2017	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SIDSP	CON %	07/28/2017	07	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	CON %	08/11/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ECHCG	CON %	08/11/2017	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
012	AMATA	CON %	08/11/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	08/11/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	08/11/2017	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMBEL	CON %	08/11/2017	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SIDSP	CON %	08/11/2017	07	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG2632 GENRR2Y