

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.7
%OM: 2.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQUID MI	
APPLICATION DATE	06/05/17	AME
TIME - BEGIN	15:35	24H
TIME - END	15:55	24H
AIR TEMPERATURE	90	F
% REL.HUMIDITY	25	
WIND DIRECTION	NORTHWEST	
WIND SPEED	6.0	M/H
CLOUD COVER	HAZY SUN-	
DEW	TO BE SEL	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	82/4.00	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	18.0	IN
SPEED	3.00	M/H
MIX SIZE	0.430	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
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	---/01	
AG2632 GENRR2Y	/	IN
(PLANTED) 06/05/2017	0 DAP	

* TIMING CODES
09 = --- / PREEMERGENCE

* STAGE CODE
01 = BEGINNING OF SEED IMBIBITION

**TRIAL # US 231/17/01 002 01 : USBRANDT M-12S
DATA MEAN**

TITLE: Brandt Adjuvant Premergence Comparisons in RR2 Soybean. M-12S
CREATED: 05/02/2017 **REVISED:** 03/20/2018 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	ABUTH	PHBPU	GLXMA
		RATE	UNIT	TM	CON % 06/19/17	CON % 06/19/17	CON % 06/19/17	CON % 06/19/17	CON % 06/19/17	CON % 06/26/17
1A»	AUTHORITY XL 7	0.22	LAA	9	0	70	99	84	88	0
2A»	VALOR XLT 40WG	3.50	OMA	0	0	65	99	81	83	0
	B VALOR 51WG	0.066	LAA	9						
	C CLASSIC 25WG	0.023	LAA	9						
3A»	AUTHORITY XL 7	0.22	LAA	9	0	66	99	83	85	0
	B»BRANDT UMBRELL	16.00	ZMA	9						
4A»	AUTHORITY XL 7	0.22	LAA	9	0	70	99	92	89	0
	B»BRANDT UMBRELL	8.00	ZMA	9						
5A»	VALOR XLT 40WG	3.50	OMA	0	0	70	99	86	80	0
	B VALOR 51WG	0.066	LAA	9						
	C CLASSIC 25WG	0.023	LAA	9						
	D»BRANDT UMBRELL	16.00	ZMA	9						
6A»	VALOR XLT 40WG	3.50	OMA	0	0	71	99	90	85	0
	B VALOR 51WG	0.066	LAA	9						
	C CLASSIC 25WG	0.023	LAA	9						
	D»BRANDT UMBRELL	8.00	ZMA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	VALOR XLT 40WG	5.00	OMA	0	0	81	99	97	94	0
	B VALOR 51WG	0.093	LAA	9						
	C CLASSIC 25WG	0.032	LAA	9						
		LSD (0.05)			0.0	11.6	26.5	27.3	25.2	0.0
		STANDARD DEVIATION			0.0	5.6	12.7	13.1	12.1	0.0

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REPS: 04

TRT	TREATMENT	DOSAGE			ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					07/03/17	07/03/17
1A»	AUTHORITY XL 7	0.22	LAA	9	85	77
2A»	VALOR XLT 40WG	3.50	OMA	0	79	69
	B VALOR 51WG	0.066	LAA	9		
	C CLASSIC 25WG	0.023	LAA	9		
3A»	AUTHORITY XL 7	0.22	LAA	9	80	85
	B»BRANDT UMBRELL	16.00	ZMA	9		
4A»	AUTHORITY XL 7	0.22	LAA	9	87	82
	B»BRANDT UMBRELL	8.00	ZMA	9		
5A»	VALOR XLT 40WG	3.50	OMA	0	88	70
	B VALOR 51WG	0.066	LAA	9		
	C CLASSIC 25WG	0.023	LAA	9		
	D»BRANDT UMBRELL	16.00	ZMA	9		
6A»	VALOR XLT 40WG	3.50	OMA	0	88	81
	B VALOR 51WG	0.066	LAA	9		
	C CLASSIC 25WG	0.023	LAA	9		
	D»BRANDT UMBRELL	8.00	ZMA	9		
7A	CHECK	0.00	NA	0	0	0
8A»	VALOR XLT 40WG	5.00	OMA	0	94	84
	B VALOR 51WG	0.093	LAA	9		
	C CLASSIC 25WG	0.032	LAA	9		
		LSD (0.05)			5.9	13.0
		STANDARD DEVIATION			2.8	6.3

» = SUPPLEMENTAL CHEMICAL

*** TIMING CODES**

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 06/05/2017(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/19/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/19/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/19/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/19/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/19/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/26/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/26/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/26/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/26/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/26/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	07/03/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	07/03/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	07/03/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/03/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG2632 GENRR2Y