

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	09	
TYPE	LIQUID MI	
APPLICATION DATE	06/02/17	AME
TIME - BEGIN	08:15	24H
TIME - END	08:25	24H
AIR TEMPERATURE	74	F
% REL.HUMIDITY	34	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	1.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	66/4.00	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	0.380	
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

* TIMING CODES

09 = --- / PREEMERGENCE

TRIAL # US 202/17/01 003 01 : USHUTDWN C-500
 DATA MEAN

TITLE: UPI Shutdown tank-mix partners for weed control in RR2 Soybean. C-500
 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 35.00 FT LONG
 PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	ABUTH	AMBEL	PHBPU	
		RATE	UNIT	TM	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A»	SHUTDOWN 4.16L	0.194	LAA	9	0	91	88	75	95	70	
B	CLASSIC 25WG	0.0244	LAA	9							
3A»	AUTHORITY XL 7	0.219	LAA	9	0	77	90	83	90	77	
4A»	SHUTDOWN 4.16L	0.137	LAA	9	0	88	92	87	88	77	
B	DUAL MAGNUM	1.24	LAA	9							
5A»	AUTHOR. ELITE	1.37	LAA	9	0	96	90	78	87	73	
6A»	SHUTDOWN 4.16L	0.26	LAA	9	0	94	94	88	88	80	
B	PURSUIT 2SL	0.052	LAA	9							
7A»	AUTHOR. ASSIST	0.313	LAA	9	0	92	93	85	88	78	
8A»	PREFIX 5.32SL	1.33	LAA	9	0	87	90	60	78	63	
					LSD (0.05)	0.0	5.9	5.3	10.3	6.1	7.8
					STANDARD DEVIATION	0.0	2.7	2.5	4.8	2.8	3.7

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	ABUTH	AMBEL	PHBPU	
		RATE	UNIT	TM	CON % 06/30/17	CON % 06/30/17	CON % 06/30/17	CON % 06/30/17	CON % 06/30/17	CON % 06/30/17	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A»	SHUTDOWN 4.16L	0.194	LAA	9	0	81	92	78	96	80	
B	CLASSIC 25WG	0.0244	LAA	9							
3A»	AUTHORITY XL 7	0.219	LAA	9	0	68	93	75	95	75	
4A»	SHUTDOWN 4.16L	0.137	LAA	9	0	93	95	83	99	67	
B	DUAL MAGNUM	1.24	LAA	9							
5A»	AUTHOR. ELITE	1.37	LAA	9	0	99	92	75	91	65	
6A»	SHUTDOWN 4.16L	0.26	LAA	9	0	94	92	99	99	84	
B	PURSUIT 2SL	0.052	LAA	9							
7A»	AUTHOR. ASSIST	0.313	LAA	9	0	94	82	99	99	88	
8A»	PREFIX 5.32SL	1.33	LAA	9	0	89	88	40	86	43	
					LSD (0.05)	0.0	8.4	9.0	7.3	6.0	7.9
					STANDARD DEVIATION	0.0	3.9	4.2	3.4	2.8	3.7

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TRT TREATMENT NUM COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	ABUTH	AMBEL	PHBPU
	RATE	UNIT	TM	CON % 07/17/17	CON % 07/17/17	CON % 07/17/17	CON % 07/17/17	CON % 07/17/17	CON % 07/17/17
1A CHECK	0.00	NA	0	0	0	0	0	0	0
2A»SHUTDOWN 4.16L	0.194	LAA	9	0	68	73	58	93	77
B CLASSIC 25WG	0.0244	LAA	9						
3A»AUTHORITY XL 7	0.219	LAA	9	0	57	81	67	91	65
4A»SHUTDOWN 4.16L	0.137	LAA	9	0	88	88	60	77	58
B DUAL MAGNUM	1.24	LAA	9						
5A»AUTHOR. ELITE	1.37	LAA	9	0	95	75	57	65	53
6A»SHUTDOWN 4.16L	0.26	LAA	9	0	88	72	95	85	81
B PURSUIT 2SL	0.052	LAA	9						
7A»AUTHOR. ASSIST	0.313	LAA	9	0	91	75	78	88	84
8A»PREFIX 5.32SL	1.33	LAA	9	0	83	84	20	82	27
	LSD (0.05)			0.0	11.6	15.8	18.5	19.3	16.8
	STANDARD DEVIATION			0.0	5.4	7.4	8.6	9.0	7.8

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 06/02/2017(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 %	06/16/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/16/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/16/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	06/16/2017	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/16/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/30/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/30/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/30/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/30/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/30/2017	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/30/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/17/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/17/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/17/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/17/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMBEL	CON %	07/17/2017	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/17/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG2632 GENRR2Y