

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 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	09	
TYPE	LIQUID MI	
APPLICATION DATE	05/22/15	AME
AIR TEMPERATURE	75	F
% REL.HUMIDITY	45	
WIND DIRECTION	NOT APPLI	
WIND SPEED	0.0	M/H
CLOUD COVER	NOT APPLI	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	12.00	
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	
CROP *		
P, SOYBEAN	---/01	
A 3231RR	0.00/0.00	IN
(PLANTED) 05/22/2015	0 DAP	

* TIMING CODES

09 = --- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

TITLE: Effect of OR 079 on Preemergence Herbicide Residual Activity in Soybean. AS-400
CREATED: 04/27/2015 **REVISED:** 07/15/2015 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/06/15	SETFA CON % 06/06/15	AMATA CON % 06/06/15	CHEAL CON % 06/06/15	ABUTH CON % 06/06/15	PHBPU CON % 06/06/15
1A»AUTHORITY XL 7	0.197	LAA	9	0	43	99	99	68	63
2A»AUTHORITY XL 7	0.197	LAA	9	0	48	99	99	72	68
B»OR 079	16.00	ZMA	9						
3A»AUTHORITY XL 7	0.197	LAA	9	0	50	99	99	72	67
B»OR 079	32.00	ZMA	9						
4A»FIERCE 76WG	0.14	LAA	9	5	98	99	99	92	83
5A»FIERCE 76WG	0.14	LAA	9	8	98	99	99	93	80
B»OR 079	16.00	ZMA	9						
6A»FIERCE 76WG	0.14	LAA	9	10	98	99	99	96	80
B»OR 079	32.00	ZMA	9						
7A»ZIDUA 85WG	0.133	LAA	9	0	85	88	99	75	60
8A»ZIDUA 85WG	0.133	LAA	9	0	87	83	99	75	63
B»OR 079	16.00	ZMA	9						
9A»ZIDUA 85WG	0.133	LAA	9	0	90	91	99	72	57
B»OR 079	32.00	ZMA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»PREFIX 5.32SL	1.33	LAA	9	0	89	99	99	58	53
12A»PREFIX 5.32SL	1.33	LAA	9	0	87	99	99	60	50
B»OR 079	32.00	ZMA	9						
LSD (0.05)				1.76	16.24	4.26	0.00	10.84	15.00
STANDARD DEVIATION				0.85	7.83	2.05	0.00	5.23	7.23

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/14/15	SETFA CON % 06/14/15	AMATA CON % 06/14/15	CHEAL CON % 06/14/15	ABUTH CON % 06/14/15	PHBPU CON % 06/14/15
1A»AUTHORITY XL 7	0.197	LAA	9	0	40	85	99	92	75
2A»AUTHORITY XL 7	0.197	LAA	9	0	45	88	99	92	81
B»OR 079	16.00	ZMA	9						
3A»AUTHORITY XL 7	0.197	LAA	9	0	40	86	99	93	81
B»OR 079	32.00	ZMA	9						
4A»FIERCE 76WG	0.14	LAA	9	0	90	99	99	99	86
5A»FIERCE 76WG	0.14	LAA	9	0	96	99	99	99	82
B»OR 079	16.00	ZMA	9						
6A»FIERCE 76WG	0.14	LAA	9	0	96	99	99	99	78
B»OR 079	32.00	ZMA	9						
7A»ZIDUA 85WG	0.133	LAA	9	0	93	98	99	90	53
8A»ZIDUA 85WG	0.133	LAA	9	0	94	99	99	88	55
B»OR 079	16.00	ZMA	9						
9A»ZIDUA 85WG	0.133	LAA	9	0	94	99	99	89	53
B»OR 079	32.00	ZMA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»PREFIX 5.32SL	1.33	LAA	9	0	95	99	99	70	60
12A»PREFIX 5.32SL	1.33	LAA	9	0	95	99	99	72	60
B»OR 079	32.00	ZMA	9						
LSD (0.05)				0.00	7.46	5.88	0.00	6.61	11.75
STANDARD DEVIATION				0.00	3.60	2.83	0.00	3.19	5.66

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1A»AUTHORITY XL 7	0.197	LAA	9	0	37	63	99	89	75
2A»AUTHORITY XL 7	0.197	LAA	9	0	37	62	99	85	77
B»OR 079	16.00	ZMA	9						
3A»AUTHORITY XL 7	0.197	LAA	9	0	40	67	99	89	77
B»OR 079	32.00	ZMA	9						
4A»FIERCE 76WG	0.14	LAA	9	0	90	99	99	99	81
5A»FIERCE 76WG	0.14	LAA	9	0	87	99	99	99	77
B»OR 079	16.00	ZMA	9						
6A»FIERCE 76WG	0.14	LAA	9	0	87	99	99	99	75
B»OR 079	32.00	ZMA	9						
7A»ZIDUA 85WG	0.133	LAA	9	0	86	96	99	99	68
8A»ZIDUA 85WG	0.133	LAA	9	0	84	94	99	99	70
B»OR 079	16.00	ZMA	9						
9A»ZIDUA 85WG	0.133	LAA	9	0	88	96	99	99	68
B»OR 079	32.00	ZMA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»PREFIX 5.32SL	1.33	LAA	9	0	89	99	99	65	33
12A»PREFIX 5.32SL	1.33	LAA	9	0	88	98	99	58	30
B»OR 079	32.00	ZMA	9						
LSD (0.05)				0.00	8.17	10.57	0.00	8.24	10.16
STANDARD DEVIATION				0.00	3.94	5.09	0.00	4.00	4.90

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/22/2015(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 %	06/06/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/06/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/06/2015	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/06/2015	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/06/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/06/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/14/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/14/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/14/2015	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/14/2015	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/14/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/14/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	06/28/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/28/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	06/28/2015	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/28/2015	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	06/28/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/28/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR