

SOIL INFORMATION

TEXTURE: N/A
 PH: 5.9
 %OM: 3.6
 PREV.CROP: ZEAMD - Dent corn
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	07	09	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/29/18	05/29/18	AME
TIME - BEGIN	12:10	12:20	24H
TIME - END	12:20	13:30	24H
AIR TEMPERATURE	89	89	F
% REL.HUMIDITY	53	53	
WIND DIRECTION	SOUTHEAST	SOUTHEAST	
WIND SPEED	5.0	5.0	M/H
CLOUD COVER	OVERCAST-	OVERCAST-	
DEW	TO BE SEL	TO BE SEL	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	82/4.00	82/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE	05/29/18		AME
INC. START	12:20		24H
INC. END	12:30		24H
INC. DEPTH			
INC. EQUIPMENT	CULT.-FIE	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	DEN / STG MIN / MAX	
CROP *			
P, Soybean	---/00	---/00	IN
AG2035 RR2Y	/	/	
(PLANTED) 05/29/2018	0 DAP	0 DAP	

* TIMING CODES

07 = --- / PREPLANT INCORPORATED
 09 = --- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED

TITLE: Gowan comparison of preplant incorporated and preemerg herbicides. M-9 100
CREATED: 05/23/2018 **REVISED:** 12/15/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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	DOSAGE			GLXMA	SETFA	AMATA	ANVCR	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/27/18	06/27/18	06/27/18	06/27/18	06/27/18	07/10/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	SONALAN 3EC	0.75	LAA	7	0	60	73	37	37	0
3A	TREFLAN 4EC	0.75	LAA	7	0	65	83	43	43	0
4A	PROWL H2O 3.8	0.75	LAA	7	0	33	58	27	27	0
5A	SONALAN 3EC	0.75	LAA	7	0	78	89	67	53	0
	B»TRICOR 75DF	0.281	LAA	7						
6A	DUAL MAGNUM	1.27	LAA	7	0	83	75	27	23	0
7A»	ZIDUA 85WG	0.106	LAA	7	0	77	79	47	47	0
8A	BOUNDARY 6.5EC	1.625	LAA	9	0	82	92	53	23	0
9A»	AUTHORITY MTZ	0.394	LAA	9	0	47	96	88	78	0
10A»	VALOR XLT 40WG	3.00	OMA	0	0	43	92	87	70	0
	B»VALOR SX 51WDG	0.0563	LAA	9						
	C CLASSIC 25WG	0.0193	LAA	9						
11A»	ZIDUA PRO 4.09	0.16	LAA	9	0	94	98	96	91	0
		LSD (0.05)			0.0	10.8	10.4	12.9	10.4	0.0
		STANDARD DEVIATION			0.0	5.2	5.0	6.2	5.0	0.0

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REPS: 03

TRT	TREATMENT	DOSAGE			SETFA	AMATA	ANVCR	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/10/18	07/10/18	07/10/18	07/10/18
1A	CHECK	0.00	NA	0	0	0	0	0
2A	SONALAN 3EC	0.75	LAA	7	58	77	40	30
3A	TREFLAN 4EC	0.75	LAA	7	72	81	50	33
4A	PROWL H2O 3.8	0.75	LAA	7	28	67	33	27
5A	SONALAN 3EC	0.75	LAA	7	68	90	72	57
	B»TRICOR 75DF	0.281	LAA	7				
6A	DUAL MAGNUM	1.27	LAA	7	82	67	33	17
7A»	ZIDUA 85WG	0.106	LAA	7	73	87	68	40
8A	BOUNDARY 6.5EC	1.625	LAA	9	89	93	53	23
9A»	AUTHORITY MTZ	0.394	LAA	9	37	95	87	68
10A»	VALOR XLT 40WG	3.00	OMA	0	47	93	84	58
	B»VALOR SX 51WDG	0.0563	LAA	9				
	C CLASSIC 25WG	0.0193	LAA	9				
11A»	ZIDUA PRO 4.09	0.16	LAA	9	94	97	95	88
		LSD (0.05)			10.1	11.2	12.8	11.5
		STANDARD DEVIATION			4.9	5.4	6.2	5.5

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 07 = --- / PREPLANT INCORPORATED 05/29/2018 (1)
 09 = --- / PREEMERGENCE 05/29/2018 (2)

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 %	06/27/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/27/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/27/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ANVCR	CON %	06/27/2018	04	P	ANVCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/27/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/10/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/10/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/10/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ANVCR	CON %	07/10/2018	04	P	ANVCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/10/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG2035 RR2Y