

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 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	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/02/14	05/27/14	AME
AIR TEMPERATURE	52	85	F
% REL.HUMIDITY	77	42	
WIND DIRECTION	WEST	SOUTHWEST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	YES	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
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	
S34 Z1 RR		0.00/0.00	IN
(PLANTED) 05/27/2014		0 DAP	

* TIMING CODES

05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED

TITLE: Influence of Rate and Timing of Pre's on Weed Control in Soybean. AS-200
CREATED: 05/02/2014 **REVISED:** 10/15/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 07/09/14	CON % 07/09/14	CON % 07/09/14	CON % 07/09/14	CON % 07/09/14	CON % 07/09/14
1A	GANGSTER FR	0.021	LAA	5	0	63	99	93	85	72
B	GANGSTER V	0.056	LAA	5						
2A»	VALOR XLT 40WG	0.075	LAA	0	0	55	99	87	83	67
B	CLASSIC 25WG	0.019	LAA	5						
C	VALOR 51WG	0.056	LAA	5						
3A»	VALOR XLT 40WG	0.125	LAA	0	0	70	99	99	99	86
B	CLASSIC 25WG	0.032	LAA	5						
C	VALOR 51WG	0.093	LAA	5						
4A»	SONIC 70DF	0.14	LAA	5	0	60	99	92	82	73
5A»	SONIC 70DF	0.28	LAA	5	0	78	99	99	96	88
6A»	AUTHORITY XL 7	0.175	LAA	5	0	63	99	99	86	79
7A»	AUTHORITY XL 7	0.328	LAA	5	0	86	99	99	99	94
8A»	PREFIX 5.32SL	1.65	LAA	5	0	78	99	99	74	67
9A»	SHARPEN 2.85L	0.022	LAA	5	0	62	95	84	82	73
B»	PROWL H20 3.8C	1.19	LAA	5						
10A	CLASSIC 25WG	0.019	LAA	5	0	76	99	99	94	75
B	VALOR 51WG	0.056	LAA	5						
C»	V-10206 85 WG	0.053	LAA	5						
11A	GANGSTER FR	0.021	LAA	9	0	71	99	99	99	86
B	GANGSTER V	0.056	LAA	9						
12A»	VALOR XLT 40WG	0.075	LAA	0	0	72	99	99	96	72
B	CLASSIC 25WG	0.019	LAA	9						
C	VALOR 51WG	0.056	LAA	9						
13A»	VALOR XLT 40WG	0.125	LAA	0	0	74	99	99	98	84
B	CLASSIC 25WG	0.032	LAA	9						
C	VALOR 51WG	0.093	LAA	9						
14A»	SONIC 70DF	0.14	LAA	9	0	77	99	99	88	80
15A»	SONIC 70DF	0.28	LAA	9	0	80	99	99	99	90
16A»	AUTHORITY XL 7	0.175	LAA	9	0	68	99	99	91	84
17A»	AUTHORITY XL 7	0.328	LAA	9	0	83	99	99	99	91
18A»	PREFIX 5.32SL	1.65	LAA	9	0	98	99	99	67	65
19A»	SHARPEN 2.85L	0.022	LAA	9	0	79	99	96	95	83
B»	PROWL H20 3.8C	1.19	LAA	9						
20A	CLASSIC 25WG	0.019	LAA	9	0	85	99	99	99	90
B	VALOR 51WG	0.056	LAA	9						
C»	V-10206 85 WG	0.053	LAA	9						
LSD (0.05)					0.00	13.00	2.34	6.82	9.62	8.73
STANDARD DEVIATION					0.00	6.43	1.16	3.37	4.76	4.32

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PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 07/31/14	CON % 07/31/14	CON % 07/31/14	CON % 07/31/14	CON % 07/31/14	CON % 07/31/14
1A	GANGSTER FR	0.021	LAA	5	0	57	99	89	80	63
B	GANGSTER V	0.056	LAA	5						
2A»	VALOR XLT 40WG	0.075	LAA	0	0	57	99	85	77	62
B	CLASSIC 25WG	0.019	LAA	5						
C	VALOR 51WG	0.056	LAA	5						
3A»	VALOR XLT 40WG	0.125	LAA	0	0	63	99	99	99	80
B	CLASSIC 25WG	0.032	LAA	5						
C	VALOR 51WG	0.093	LAA	5						
4A»	SONIC 70DF	0.14	LAA	5	0	50	99	87	75	67
5A»	SONIC 70DF	0.28	LAA	5	0	73	99	99	96	83
6A»	AUTHORITY XL 7	0.175	LAA	5	0	57	99	99	78	73
7A»	AUTHORITY XL 7	0.328	LAA	5	0	81	99	99	99	90
8A»	PREFIX 5.32SL	1.65	LAA	5	0	72	99	99	65	60
9A»	SHARPEN 2.85L	0.022	LAA	5	0	58	94	83	72	65
B»	PROWL H20 3.8C	1.19	LAA	5						
10A	CLASSIC 25WG	0.019	LAA	5	0	73	99	99	94	72
B	VALOR 51WG	0.056	LAA	5						
C»	V-10206 85 WG	0.053	LAA	5						
11A	GANGSTER FR	0.021	LAA	9	0	65	99	99	99	82
B	GANGSTER V	0.056	LAA	9						
12A»	VALOR XLT 40WG	0.075	LAA	0	0	67	99	99	99	71
B	CLASSIC 25WG	0.019	LAA	9						
C	VALOR 51WG	0.056	LAA	9						
13A»	VALOR XLT 40WG	0.125	LAA	0	0	72	99	99	93	77
B	CLASSIC 25WG	0.032	LAA	9						
C	VALOR 51WG	0.093	LAA	9						
14A»	SONIC 70DF	0.14	LAA	9	0	70	99	99	84	73
15A»	SONIC 70DF	0.28	LAA	9	0	77	99	99	99	88
16A»	AUTHORITY XL 7	0.175	LAA	9	0	62	99	99	88	78
17A»	AUTHORITY XL 7	0.328	LAA	9	0	79	99	99	99	87
18A»	PREFIX 5.32SL	1.65	LAA	9	0	88	99	99	70	63
19A»	SHARPEN 2.85L	0.022	LAA	9	0	75	99	96	91	80
B»	PROWL H20 3.8C	1.19	LAA	9						
20A	CLASSIC 25WG	0.019	LAA	9	0	84	99	99	99	88
B	VALOR 51WG	0.056	LAA	9						
C»	V-10206 85 WG	0.053	LAA	9						
LSD (0.05)					0.00	14.93	3.41	7.87	11.20	10.93
STANDARD DEVIATION					0.00	7.39	1.69	3.89	5.54	5.41

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15DBP 05/02/2014(1)
09 = ----- / PREEMERGENCE 05/27/2014(2)

TITLE: Influence of Rate and Timing of Pre's on Weed Control in Soybean. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	GLXMA	CON %	07/09/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/09/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	07/09/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/09/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	07/09/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	07/09/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/31/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/31/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/31/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/31/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/31/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/31/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = S34 Z1 RR