

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/21/09	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	42	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
GH 9145RR/LL	0.00/0.00	IN
05/21/2009		

\* TIMING CODES

09 = ----- / PREEMERGENCE

\* STAGE CODE

01 = BEGINNING OF IMBIBITION

**TITLE:** Preemergence Herbicides for Weed Control in RR/LL Corn. AS-200  
**CREATED:** 04/15/2009 **REVISED:** 11/10/2009 **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			ZEAMD	SETFA	CHEAL	AMATA	POLPY	ABUTH	
		RATE	UNIT	TM	CON % 06/18/09	CON % 06/18/09	CON % 06/18/09	CON % 06/18/09	CON % 06/18/09	CON % 06/18/09	
1A	LUMAX	2.96	LAA	9	0	93	99	99	99	99	
2A»	LEXAR 3.7L	3.24	LAA	9	0	89	99	99	99	99	
3A»	CORVUS 2.6SC	0.114	LAA	9	0	58	97	97	94	94	
4A»	CORVUS 2.6SC	0.091	LAA	9	0	68	99	99	97	98	
	B ATRAZINE DF	1.50	LAA	9							
5A»	BAL FLEXX 2L	0.094	LAA	9	0	68	99	99	94	98	
	B ATRAZINE DF	1.50	LAA	9							
6A»	INTEGRITY 5.57	1.09	LAA	9	0	91	99	99	97	98	
7A»	INTEGRITY 5.57	1.09	LAA	9	0	95	99	99	99	99	
	B ATRAZINE DF	1.50	LAA	9							
8A»	SURESTART 4.16	1.56	LAA	9	0	91	99	99	99	77	
	B ATRAZINE DF	1.50	LAA	9							
9A	CHECK	0.00	NA	0	0	0	0	0	0	0	
10A	HARNES XTRA	3.50	LAA	9	0	97	99	99	99	99	
	B BALANCE PRO 4	0.07	LAA	9							
					LSL (0.05)	0.00	11.58	1.08	1.08	5.45	2.60
					STANDARD DEVIATION	0.00	5.51	0.516	0.516	2.59	1.24

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/18/09	CON % 06/18/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09
1A	LUMAX	2.96	LAA	9	77	74	0	90	99	99
2A»	LEXAR 3.7L	3.24	LAA	9	70	68	0	78	99	99
3A»	CORVUS 2.6SC	0.114	LAA	9	40	37	0	33	99	99
4A»	CORVUS 2.6SC	0.091	LAA	9	58	60	0	40	99	99
	B ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.094	LAA	9	60	58	0	37	99	99
	B ATRAZINE DF	1.50	LAA	9						
6A»	INTEGRITY 5.57	1.09	LAA	9	70	90	0	82	99	99
7A»	INTEGRITY 5.57	1.09	LAA	9	84	93	0	90	99	99
	B ATRAZINE DF	1.50	LAA	9						
8A»	SURESTART 4.16	1.56	LAA	9	67	50	0	77	99	99
	B ATRAZINE DF	1.50	LAA	9						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	HARNES XTRA	3.50	LAA	9	65	62	0	95	99	99
	B BALANCE PRO 4	0.07	LAA	9						
					LSD (0.05)					
					STANDARD DEVIATION					
						15.89	17.26	0.00	10.12	0.00
						7.56	8.22	0.00	4.81	0.00

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
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REPS: 03

TRT	TREATMENT	DOSAGE			POLPY	ABUTH	XANST	PHBPU	YIELD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	BU/A
					07/14/09	07/14/09	07/14/09	07/14/09	11/03/09
1A	LUMAX	2.96	LAA	9	99	99	57	72	218.1
2A»	LEXAR 3.7L	3.24	LAA	9	99	99	58	57	221.3
3A»	CORVUS 2.6SC	0.114	LAA	9	99	99	0	30	200.9
4A»	CORVUS 2.6SC	0.091	LAA	9	99	99	48	40	203.8
	B ATRAZINE DF	1.50	LAA	9					
5A»	BAL FLEXX 2L	0.094	LAA	9	99	99	48	40	212.3
	B ATRAZINE DF	1.50	LAA	9					
6A»	INTEGRITY 5.57	1.09	LAA	9	99	99	47	67	206.9
7A»	INTEGRITY 5.57	1.09	LAA	9	99	99	78	88	215.9
	B ATRAZINE DF	1.50	LAA	9					
8A»	SURESTART 4.16	1.56	LAA	9	99	93	57	37	209.3
	B ATRAZINE DF	1.50	LAA	9					
9A	CHECK	0.00	NA	0	0	0	0	0	160.2
10A	HARNES XTRA	3.50	LAA	9	99	99	52	47	203.4
	B BALANCE PRO 4	0.07	LAA	9					
		LSD (0.05)			0.00	6.00	19.34	18.61	31.84
		STANDARD DEVIATION			0.00	2.83	9.21	8.86	15.15

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/21/2009(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/18/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/18/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/18/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/18/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/18/2009	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/18/2009	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/18/2009	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	06/18/2009	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	07/14/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/14/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	07/14/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	07/14/2009	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/14/2009	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	07/14/2009	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	07/14/2009	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	YIELD	BU/A	11/03/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH 9145RR/LL