

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	04/20/07	AME
AIR TEMPERATURE	60	F
% REL.HUMIDITY	30	
WIND DIRECTION	SOUTHEAST	
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	
SCREEN SIZE	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	
ASGROW 715 RR	/	IN
04/19/2007		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: Preemergence Applications for Weed Control in Corn. AS-200
CREATED: 04/14/2007 **REVISED:** 11/05/2007 **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	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/25/07	CON % 05/25/07	CON % 05/25/07	CON % 05/25/07	CON % 05/25/07	CON % 05/25/07
1A	LUMAX	2.47	LAA	9	0	70	99	95	99	88
2A	LUMAX	2.96	LAA	9	0	67	99	83	96	77
3A»	LEXAR 3.7L	3.24	LAA	9	0	80	99	90	98	75
4A	KEYSTONE 5.25	3.61	LAA	9	0	96	99	86	5	72
5A	KEYSTONE 5.25	3.61	LAA	9	0	96	99	99	72	87
	B HORNET 68.5WG	0.171	LAA	9						
6A	GUARDSMAN MAX	2.50	LAA	9	0	92	99	93	93	85
	B BALANCE PRO 4	0.047	LAA	9						
7A	HARNESS XTRA	3.50	LAA	9	0	95	99	99	96	83
	B BALANCE PRO 4	0.047	LAA	9						
8A»	RADIUS 4SC	0.72	LAA	9	0	82	99	83	89	85
	B ATRAZINE DF	1.00	LAA	9						
9A»	KIH-485 85WG	0.19	LAA	9	0	57	99	63	86	13
	B BALANCE PRO 4	0.047	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
10A»	STALWART EXTRA	3.30	LAA	9	0	78	99	70	95	30
	B BALANCE PRO 4	0.047	LAA	9						
11A	DUAL II MAGNUM	1.68	LAA	9	0	47	99	70	86	42
	B»IR 8116 1.67SL	0.022	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
12A	DUAL II MAGNUM	1.68	LAA	9	0	53	99	74	93	48
	B»IR 8116 1.67SL	0.045	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	DUAL II MAGNUM	1.68	LAA	9	0	72	99	88	91	43
	B»IR 8116 1.67SL	0.067	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
15A	DUAL II MAGNUM	1.68	LAA	9	0	65	99	88	90	25
	B»IR 8116 1.67SL	0.089	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
16A	DUAL II MAGNUM	1.68	LAA	9	0	65	99	72	90	33
	B»IR 6396 1.67SL	0.045	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
		LSD (0.05)			0.00	22.59	0.00	20.67	16.19	22.34
		STANDARD DEVIATION			0.00	11.06	0.00	10.12	7.93	10.94

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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	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 06/29/07	CON % 06/29/07	CON % 06/29/07	CON % 06/29/07	CON % 06/29/07	CON % 06/29/07
1A	LUMAX	2.47	LAA	9	0	67	73	99	86	80
2A	LUMAX	2.96	LAA	9	0	67	81	99	91	82
3A»	LEXAR 3.7L	3.24	LAA	9	0	75	85	99	93	88
4A	KEYSTONE 5.25	3.61	LAA	9	0	87	88	99	0	90
5A	KEYSTONE 5.25	3.61	LAA	9	0	93	95	99	40	93
	B HORNET 68.5WG	0.171	LAA	9						
6A	GUARDSMAN MAX	2.50	LAA	9	0	77	72	99	58	75
	B BALANCE PRO 4	0.047	LAA	9						
7A	HARNESX XTRA	3.50	LAA	9	0	88	91	99	83	88
	B BALANCE PRO 4	0.047	LAA	9						
8A»	RADIUS 4SC	0.72	LAA	9	0	67	55	96	70	80
	B ATRAZINE DF	1.00	LAA	9						
9A»	KIH-485 85WG	0.19	LAA	9	0	67	55	99	78	67
	B BALANCE PRO 4	0.047	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
10A»	STALWART EXTRA	3.30	LAA	9	0	67	60	99	75	67
	B BALANCE PRO 4	0.047	LAA	9						
11A	DUAL II MAGNUM	1.68	LAA	9	0	67	50	99	95	80
	B»IR 8116 1.67SL	0.022	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
12A	DUAL II MAGNUM	1.68	LAA	9	0	67	50	99	68	77
	B»IR 8116 1.67SL	0.045	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	DUAL II MAGNUM	1.68	LAA	9	0	75	73	99	92	80
	B»IR 8116 1.67SL	0.067	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
15A	DUAL II MAGNUM	1.68	LAA	9	0	58	63	99	75	72
	B»IR 8116 1.67SL	0.089	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
16A	DUAL II MAGNUM	1.68	LAA	9	0	77	50	91	75	78
	B»IR 6396 1.67SL	0.045	LAA	9						
	C CALLISTO 4SC	0.168	LAA	9						
		LSD (0.05)			0.00	14.72	30.86	6.00	24.87	15.13
		STANDARD DEVIATION			0.00	7.21	15.11	3.00	12.18	7.41

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/20/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	05/25/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/25/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/25/2007	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/25/2007	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Preemergence Applications for Weed Control in Corn. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
005	ABUTH	CON %	05/25/2007	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/25/2007	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/29/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/29/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/29/2007	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/29/2007	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/29/2007	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/29/2007	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 715 RR