

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.6
 %OM: 5.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQUID MI	
APPLICATION DATE	05/22/15	AME
AIR TEMPERATURE	77	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTHEAST	
WIND SPEED	1.0	M/H
CLOUD COVER	PAR.CLOUD	
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	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	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, CORN, DENT	---/01	
DKC 62-77	0.00/0.00	IN
(PLANTED) 05/22/2015	0 DAP	

* TIMING CODES

09 = --- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: HAI Metolachlor Comparison for Weed Control Systems in RR/LL Corn. R-3N
CREATED: 04/20/2015 **REVISED:** 07/27/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	PHBPU	ANVCR	ZEAMD
		RATE	UNIT	TM	CON % 06/06/15	CON % 06/06/15	CON % 06/06/15	CON % 06/06/15	CON % 06/06/15	CON % 06/20/15
1A»	HAI METOLACHLO	0.975	LAA	9	0	99	99	0	0	0
2A»	HAI METOLACHLO	1.30	LAA	9	0	99	99	0	0	0
3A»	HAI METOLACHLO	1.63	LAA	9	0	99	99	0	0	0
4A»	HAI METOLACHLO	1.95	LAA	9	0	99	99	0	0	0
5A»	HAI METOLACHLO	3.90	LAA	9	0	99	99	25	22	0
6A»	ME-TOO-LCHLR I	0.975	LAA	9	0	99	99	0	0	0
7A»	ME-TOO-LCHLR I	1.30	LAA	9	0	99	99	0	0	0
8A»	ME-TOO-LCHLR I	1.63	LAA	9	0	99	99	0	0	0
9A»	ME-TOO-LCHLR I	1.95	LAA	9	0	99	99	0	0	0
10A»	ME-TOO-LCHLR I	3.90	LAA	9	0	99	99	17	13	0
11A»	HAI METOLACHLO	0.975	LAA	9	0	99	99	53	63	0
	B ATRAZINE DF	1.60	LAA	9						
12A»	HAI METOLACHLO	1.95	LAA	9	0	99	99	75	70	0
	B ATRAZINE DF	1.60	LAA	9						
13A»	ME-TOO-LCHLR I	0.975	LAA	9	0	99	99	72	61	0
	B ATRAZINE DF	1.60	LAA	9						
14A»	ME-TOO-LCHLR I	1.95	LAA	9	0	99	99	75	70	0
	B ATRAZINE DF	1.60	LAA	9						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	HARNES XTRA	3.50	LAA	9	0	99	99	83	84	0
LSD (0.05)					0.00	0.00	0.00	12.27	14.77	0.00
STANDARD DEVIATION					0.00	0.00	0.00	6.00	7.23	0.00

TITLE: HAI Metolachlor Comparison for Weed Control Systems in RR/LL Corn. R-3N
CREATED: 04/20/2015 **REVISED:** 07/27/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	PHBPU	ANVCR	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/20/15	CON % 06/20/15	CON % 06/20/15	CON % 06/20/15	CON % 07/01/15	CON % 07/01/15
1A»	HAI METOLACHLO	0.975	LAA	9	99	76	0	0	0	78
2A»	HAI METOLACHLO	1.30	LAA	9	99	84	0	0	0	87
3A»	HAI METOLACHLO	1.63	LAA	9	99	90	0	0	0	92
4A»	HAI METOLACHLO	1.95	LAA	9	99	93	7	7	0	97
5A»	HAI METOLACHLO	3.90	LAA	9	99	98	30	20	0	99
6A»	ME-TOO-LCHLR I	0.975	LAA	9	99	82	0	0	0	83
7A»	ME-TOO-LCHLR I	1.30	LAA	9	99	86	0	0	0	88
8A»	ME-TOO-LCHLR I	1.63	LAA	9	99	86	0	0	0	90
9A»	ME-TOO-LCHLR I	1.95	LAA	9	99	82	17	13	0	99
10A»	ME-TOO-LCHLR I	3.90	LAA	9	99	97	17	20	0	99
11A»	HAI METOLACHLO	0.975	LAA	9	99	91	65	65	0	96
	B ATRAZINE DF	1.60	LAA	9						
12A»	HAI METOLACHLO	1.95	LAA	9	99	97	73	72	0	99
	B ATRAZINE DF	1.60	LAA	9						
13A»	ME-TOO-LCHLR I	0.975	LAA	9	99	95	67	67	0	94
	B ATRAZINE DF	1.60	LAA	9						
14A»	ME-TOO-LCHLR I	1.95	LAA	9	99	94	73	72	0	98
	B ATRAZINE DF	1.60	LAA	9						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	HARNESS XTRA	3.50	LAA	9	99	99	79	82	0	99
					LS D (0.05)	16.66	11.72	14.00	0.00	6.50
					STANDARD DEVIATION	0.118	8.16	5.74	6.86	3.18

TITLE: HAI Metolachlor Comparison for Weed Control Systems in RR/LL Corn. R-3N
 CREATED: 04/20/2015 REVISED: 07/27/2015 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
 PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	AMATA	PHBPU	ANVCR
NUM	COMPONENT	RATE	CON %	CON %	CON %
		UNIT	07/01/15	07/01/15	07/01/15
1A	HAI METOLACHLO	0.975	LAA 9	58	0
2A	HAI METOLACHLO	1.30	LAA 9	70	0
3A	HAI METOLACHLO	1.63	LAA 9	82	0
4A	HAI METOLACHLO	1.95	LAA 9	86	23
5A	HAI METOLACHLO	3.90	LAA 9	96	53
6A	ME-TOO-LCHLR I	0.975	LAA 9	60	0
7A	ME-TOO-LCHLR I	1.30	LAA 9	70	0
8A	ME-TOO-LCHLR I	1.63	LAA 9	78	0
9A	ME-TOO-LCHLR I	1.95	LAA 9	83	23
10A	ME-TOO-LCHLR I	3.90	LAA 9	94	43
11A	HAI METOLACHLO	0.975	LAA 9	90	50
	B ATRAZINE DF	1.60	LAA 9		43
12A	HAI METOLACHLO	1.95	LAA 9	94	70
	B ATRAZINE DF	1.60	LAA 9		60
13A	ME-TOO-LCHLR I	0.975	LAA 9	88	53
	B ATRAZINE DF	1.60	LAA 9		37
14A	ME-TOO-LCHLR I	1.95	LAA 9	90	65
	B ATRAZINE DF	1.60	LAA 9		52
15A	CHECK	0.00	NA 0	0	0
16A	HARNESS XTRA	3.50	LAA 9	98	71
					57
		LS D (0.05)		13.68	10.12
		STANDARD DEVIATION		6.70	5.00
					9.47
					4.64

>> = 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	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/06/2015	01	P	ZEAMD		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	PHBPU	CON %	06/06/2015	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ANVCR	CON %	06/06/2015	05	P	ANVCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/20/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/20/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/20/2015	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	06/20/2015	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ANVCR	CON %	06/20/2015	05	P	ANVCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/01/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/01/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/01/2015	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/01/2015	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ANVCR	CON %	07/01/2015	05	P	ANVCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC 62-77