

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.7
 %OM: 5.1
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/11/04	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	70	
WIND DIRECTION	SOUTH	
WIND SPEED	9.0	M/H
CLOUD COVER	PARTCLDY	
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
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/00	
PIONEER 33P67	/	IN
05/11/2004		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 00 = DRY SEED (CARYOPSIS)

TITLE: Metolachlor pre-mixes for weed control in corn. M-17W
CREATED: 04/10/2004 **REVISED:** 07/28/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	POLPY	AMBEL	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/07/04	06/07/04	06/07/04	06/07/04	06/07/04	06/07/04
1A»	DUAL II MAGNUM	0.64	LAA 9	0	98	57	57	23	0
2A»	DUAL II MAGNUM	0.96	LAA 9	0	99	77	68	27	0
3A»	DUAL II MAGNUM	1.43	LAA 9	0	98	85	87	33	0
4A»	DUAL II MAGNUM	1.91	LAA 9	0	99	99	99	68	30
5A»	MANA-282 7.88L	0.99	LAA 9	0	96	47	57	0	0
6A»	MANA-282 7.88L	1.48	LAA 9	0	99	57	62	30	0
7A»	MANA-282 7.88L	1.97	LAA 9	0	99	78	83	47	7
8A»	MANA-282 7.88L	2.22	LAA 9	0	99	83	88	37	7
9A»	MANA-282 7.88L	2.96	LAA 9	0	99	99	99	53	17
10A»	BICEP II MAGNU	1.78	LAA 9	0	99	99	99	90	87
11A»	BICEP II MAGNU	2.68	LAA 9	0	99	99	99	95	95
12A»	BICEP II MAGNU	3.58	LAA 9	0	99	99	99	98	96
13A»	MANA-283 5.97L	1.43	LAA 9	0	99	99	99	93	90
	B ATRAZINE DF	0.35	LAA 9						
14A»	MANA-283 5.97L	2.14	LAA 9	0	99	99	99	96	91
	B ATRAZINE DF	0.54	LAA 9						
15A»	MANA-283 5.97L	2.86	LAA 9	0	99	99	99	97	96
	B ATRAZINE DF	0.70	LAA 9						
16A»	MANA-283 5.97L	3.22	LAA 9	0	99	99	99	94	92
17A»	MANA-283 5.97L	4.29	LAA 9	0	99	99	99	99	98
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
19A»	PARALLEL II 7.	0.98	LAA 9	0	95	70	67	0	0
20A»	PARALLEL II 7.	1.46	LAA 9	0	99	82	83	17	0
21A»	PARALLEL II 7.	1.95	LAA 9	0	99	88	89	23	0
22A»	PARALLEL II 7.	2.19	LAA 9	0	99	95	97	47	7
23A»	PARALLEL II 7.	2.92	LAA 9	0	99	99	99	53	20
24A	HARNES (7EC)	2.19	LAA 9	0	99	99	99	93	45
		LSD (0.05)		0.00	2.54	8.17	10.00	9.74	11.35
		STANDARD DEVIATION		0.00	1.27	4.08	5.00	4.87	5.67

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	POLPY	AMBEL	PHBPU
	RATE	UNIT		CON % 06/18/04	CON % 06/18/04	CON % 06/18/04	CON % 06/18/04	CON % 06/18/04	CON % 06/18/04
1A»DUAL II MAGNUM	0.64	LAA	9	0	88	0	0	0	0
2A»DUAL II MAGNUM	0.96	LAA	9	0	92	27	30	0	0
3A»DUAL II MAGNUM	1.43	LAA	9	0	98	57	60	0	0
4A»DUAL II MAGNUM	1.91	LAA	9	0	99	85	85	0	0
5A»MANA-282 7.88L	0.99	LAA	9	0	89	0	0	0	0
6A»MANA-282 7.88L	1.48	LAA	9	0	94	0	0	0	0
7A»MANA-282 7.88L	1.97	LAA	9	0	97	37	33	0	0
8A»MANA-282 7.88L	2.22	LAA	9	0	99	63	63	0	0
9A»MANA-282 7.88L	2.96	LAA	9	0	99	67	73	0	0
10A»BICEP II MAGNU	1.78	LAA	9	0	98	99	99	84	75
11A»BICEP II MAGNU	2.68	LAA	9	0	98	99	99	91	83
12A»BICEP II MAGNU	3.58	LAA	9	0	99	99	99	95	91
13A»MANA-283 5.97L B ATRAZINE DF	1.43 0.35	LAA LAA	9 9	0	99	99	99	82	85
14A»MANA-283 5.97L B ATRAZINE DF	2.14 0.54	LAA LAA	9 9	0	98	99	97	88	81
15A»MANA-283 5.97L B ATRAZINE DF	2.86 0.70	LAA LAA	9 9	0	97	99	99	90	88
16A»MANA-283 5.97L	3.22	LAA	9	0	99	99	99	90	86
17A»MANA-283 5.97L	4.29	LAA	9	0	99	99	99	96	94
18A CHECK	0.00	NA	0	0	0	0	0	0	0
19A»PARALLEL II 7.	0.98	LAA	9	0	82	0	0	0	0
20A»PARALLEL II 7.	1.46	LAA	9	0	95	0	0	0	0
21A»PARALLEL II 7.	1.95	LAA	9	0	96	0	0	0	0
22A»PARALLEL II 7.	2.19	LAA	9	0	97	37	33	0	0
23A»PARALLEL II 7.	2.92	LAA	9	0	99	57	47	0	0
24A HARNESS (7EC)	2.19	LAA	9	0	99	94	95	58	0
LSD (0.05)				0.00	3.72	8.75	12.00	6.32	7.74
STANDARD DEVIATION				0.00	1.86	4.38	6.00	3.16	3.87

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/11/2004(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 %	06/07/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/07/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/07/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
005	AMBEL	CON %	06/07/2004	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/07/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/18/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/18/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/18/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/18/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/18/2004	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/18/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P67