

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.8  
 %OM: 5.2  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 33 FEET  
 PLOT AREA: 247.5 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/09/08	04/27/08	AME
AIR TEMPERATURE	51	72	F
% REL.HUMIDITY	77	55	
WIND DIRECTION	---	SOUTHWEST	
WIND SPEED	0.0	7.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	NO	NA/UNKNOW	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
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	
SCREEN SIZE	GPA	GPA	
PRESSURE	30.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
CORN, DENT		---/00	
PIONEER 34A20		/	IN
04/22/2008			

## \* TIMING CODES

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

## \* STAGE CODE

00 = DRY SEED (CARYOPSIS)

**TITLE:** Early Preplant and Preemergence Evaluations in Corn. M-17E  
**CREATED:** 03/26/2008 **REVISED:** 08/29/2008 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 33.00 FT LONG  
**PLOT AREA:** 247.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	XANST	CHEAL	AMATA	PHBPU	
		RATE	UNIT	TM	CON % 05/22/08	CON % 05/22/08	CON % 05/22/08	CON % 05/22/08	CON % 05/22/08	CON % 05/22/08	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A	OUTLOOK 6EC	0.98	LAA	9	0	95	93	99	99	93	
	B»BAS 80004H 2.8	0.11	LAA	9							
3A»	BAS 78102H 5.5	1.09	LAA	9	0	95	92	98	99	95	
4A»	BAS 78102H 5.5	1.09	LAA	9	0	96	93	99	99	95	
	B ATRAZINE DF	1.00	LAA	9							
5A»	GUARDS MAX 5L	2.87	LAA	9	0	99	88	99	99	88	
6A	LUMAX	2.94	LAA	9	0	96	87	99	99	85	
7A»	LEXAR 3.7L	3.24	LAA	9	0	96	93	99	99	92	
8A	OUTLOOK 6EC	0.98	LAA	5	0	99	92	99	99	88	
	B»BAS 80004H 2.8	0.11	LAA	5							
	C»CONVENTIONAL T	0.00	GAT	5							
9A»	BAS 78102H 5.5	1.09	LAA	5	0	99	92	99	99	90	
	B»CONVENTIONAL T	0.00	GAT	5							
10A»	BAS 78102H 5.5	1.09	LAA	5	0	98	93	99	99	90	
	B ATRAZINE DF	1.00	LAA	5							
	C»CONVENTIONAL T	0.00	GAT	5							
11A»	GUARDS MAX 5L	2.87	LAA	5	0	99	80	99	99	77	
12A	LUMAX	2.94	LAA	5	0	98	90	99	99	83	
13A»	LEXAR 3.7L	3.24	LAA	5	0	93	90	99	99	85	
14A	OUTLOOK 6EC	0.98	LAA	5	0	96	92	99	99	87	
	B»BAS 80004H 2.8	0.11	LAA	5							
15A»	BAS 78102H 5.5	1.09	LAA	5	0	98	92	99	99	82	
16A»	BAS 78102H 5.5	1.09	LAA	5	0	96	90	99	99	92	
	B ATRAZINE DF	1.00	LAA	5							
17A»	CORVUS 2.6SC	0.17	LAA	5	1	99	96	99	99	83	
	B ATRAZINE DF	1.50	LAA	5							
18A»	GUARDS MAX 5L	2.87	LAA	5	0	99	82	99	99	80	
	B»CONVENTIONAL T	0.00	GAT	5							
19A	LUMAX	2.94	LAA	5	0	99	85	99	99	87	
	B»CONVENTIONAL T	0.00	GAT	5							
20A»	LEXAR 3.7L	3.24	LAA	5	0	98	87	99	99	92	
	B»CONVENTIONAL T	0.00	GAT	5							
					LSD (0.05)	0.426	3.22	6.28	0.852	0.00	5.18
					STANDARD DEVIATION	0.211	1.59	3.11	0.422	0.00	2.56



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**PLOT AREA:** 247.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	AMBEL	ZEAMD	SETFA	XANST	CHEAL	
		RATE	UNIT	TM	CON % 06/17/08	CON % 06/17/08	CON % 07/11/08	CON % 07/11/08	CON % 07/11/08	CON % 07/11/08	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A	OUTLOOK 6EC	0.98	LAA	9	98	99	0	80	77	99	
	B»BAS 80004H 2.8	0.11	LAA	9							
3A»	BAS 78102H 5.5	1.09	LAA	9	96	96	0	77	70	99	
4A»	BAS 78102H 5.5	1.09	LAA	9	93	98	0	78	65	99	
	B ATRAZINE DF	1.00	LAA	9							
5A»	GUARDS MAX 5L	2.87	LAA	9	96	95	0	83	43	99	
6A	LUMAX	2.94	LAA	9	93	99	0	82	67	99	
7A»	LEXAR 3.7L	3.24	LAA	9	98	99	0	82	68	99	
8A	OUTLOOK 6EC	0.98	LAA	5	96	96	0	73	63	99	
	B»BAS 80004H 2.8	0.11	LAA	5							
	C»CONVENTIONAL T	0.00	GAT	5							
9A»	BAS 78102H 5.5	1.09	LAA	5	95	91	0	90	72	96	
	B»CONVENTIONAL T	0.00	GAT	5							
10A»	BAS 78102H 5.5	1.09	LAA	5	96	93	0	92	67	96	
	B ATRAZINE DF	1.00	LAA	5							
	C»CONVENTIONAL T	0.00	GAT	5							
11A»	GUARDS MAX 5L	2.87	LAA	5	65	82	0	78	47	99	
12A	LUMAX	2.94	LAA	5	67	98	0	80	68	96	
13A»	LEXAR 3.7L	3.24	LAA	5	92	99	0	75	70	96	
14A	OUTLOOK 6EC	0.98	LAA	5	92	93	0	80	68	99	
	B»BAS 80004H 2.8	0.11	LAA	5							
15A»	BAS 78102H 5.5	1.09	LAA	5	90	80	0	80	63	96	
16A»	BAS 78102H 5.5	1.09	LAA	5	93	98	0	77	60	99	
	B ATRAZINE DF	1.00	LAA	5							
17A»	CORVUS 2.6SC	0.17	LAA	5	92	99	0	88	80	99	
	B ATRAZINE DF	1.50	LAA	5							
18A»	GUARDS MAX 5L	2.87	LAA	5	85	99	0	92	37	99	
	B»CONVENTIONAL T	0.00	GAT	5							
19A	LUMAX	2.94	LAA	5	93	99	0	92	70	99	
	B»CONVENTIONAL T	0.00	GAT	5							
20A»	LEXAR 3.7L	3.24	LAA	5	87	99	0	88	80	99	
	B»CONVENTIONAL T	0.00	GAT	5							
					LSD (0.05)	7.00	8.81	0.00	12.70	13.80	4.10
					STANDARD DEVIATION	3.45	4.36	0.00	6.28	6.83	2.00



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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
002	SETFA	CON %	05/22/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	XANST	CON %	05/22/2008	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/22/2008	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/22/2008	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/22/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	05/22/2008	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/17/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/17/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	XANST	CON %	06/17/2008	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/17/2008	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/17/2008	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/17/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/17/2008	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/11/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/11/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	CON %	07/11/2008	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/11/2008	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMATA	CON %	07/11/2008	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/11/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMBEL	CON %	07/11/2008	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20