

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV. CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	05	07	09	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/02/04	04/16/04	04/16/04	AME
AIR TEMPERATURE	55	60	73	F
% REL. HUMIDITY	35	48	41	
WIND DIRECTION	NORTHWEST	SOUTHWEST	SOUTHWEST	
WIND SPEED	7.0	9.0	11.0	M/H
CLOUD COVER	CLEAR	OVERCAST	OVERCAST	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT		---/01	---/01	
PIONEER 34B24		/	/	IN
04/16/2004				

## \* TIMING CODES

05 = ----- / EPP 15DBP  
 07 = ----- / PREPLANT INCORPORATED  
 09 = ----- / PREEMERGENCE

## \* STAGE CODE

01 = BEGINNING OF IMBIBITION

**TITLE:** UCBALEPP Clean Start EPP, PPI, PRE Evaluation in Conventional Till Corn AS-100  
**CREATED:** 04/02/2004 **REVISED:** 08/06/2004 **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 **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	05/16/04	05/16/04	05/16/04	05/16/04	05/16/04	05/16/04
1A»	BALANCE PRO 4S	0.117	LAA 5	0	93	99	99	99	92
	B ATRAZINE DF	1.00	LAA 5						
	C»WEATHERMAX 4.5	0.75	LAA 7						
	D»LIQUID AMS	2.50	PMV 7						
	E»NO-TILL	0.00	NA 0						
2A»	BALANCE PRO 4S	0.117	LAA 5	0	97	99	99	99	93
	B»DEFINE 4SC	0.375	LAA 5						
	C»WEATHERMAX 4.5	0.75	LAA 7						
	D»LIQUID AMS	2.50	PMV 7						
	E»NO-TILL	0.00	NA 0						
3A»	BALANCE PRO 4S	0.094	LAA 7	0	87	98	98	96	93
	B ATRAZINE DF	1.00	LAA 7						
4A»	BALANCE PRO 4S	0.094	LAA 9	0	90	99	99	97	92
	B ATRAZINE DF	1.00	LAA 9						
5A»	BALANCE PRO 4S	0.094	LAA 7	0	90	99	99	99	91
	B»DEFINE 4SC	0.375	LAA 7						
6A»	BALANCE PRO 4S	0.094	LAA 9	0	98	99	99	99	89
	B»DEFINE 60DF	0.375	LAA 9						
7A»	BALANCE PRO 4S	0.094	LAA 7	0	91	99	99	99	95
	B»DEFINE 4SC	0.375	LAA 7						
	C ATRAZINE DF	1.00	LAA 7						
8A»	BALANCE PRO 4S	0.117	LAA 5	0	97	99	99	98	95
	B»DEFINE 4SC	0.375	LAA 5						
	C ATRAZINE DF	1.00	LAA 5						
	D»WEATHERMAX 4.5	0.75	LAA 7						
	E»LIQUID AMS	2.50	PMV 7						
	F»NO-TILL	0.00	NA 0						
9A»	LUMAX 3.9L	2.93	LAA 5	0	96	99	99	99	98
	B»WEATHERMAX 4.5	0.75	LAA 7						
	C»LIQUID AMS	2.50	PMV 7						
	D»NO-TILL	0.00	NA 0						
10A»	BALANCE PRO 4S	0.094	LAA 9	0	94	99	99	99	90
	B»DEFINE 4SC	0.375	LAA 9						
	C ATRAZINE DF	1.00	LAA 9						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A»	LUMAX 3.9L	2.93	LAA 7	0	94	99	99	99	96
13A»	LUMAX 3.9L	2.93	LAA 9	0	97	99	99	99	95
14A»	LUMAX 3.9L	1.95	LAA 9	0	95	99	99	99	94
	B ATRAZINE DF	1.50	LAA 9						
		LSD (0.05)		0.00	6.00	0.449	0.518	1.49	7.49
		STANDARD DEVIATION		0.00	2.90	0.218	0.252	0.725	3.64

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/15/04	06/15/04	06/15/04	06/15/04	06/15/04	06/15/04
1A	BALANCE PRO 4S	0.117	LAA 5	0	91	99	96	99	84
B	ATRAZINE DF	1.00	LAA 5						
C	WEATHERMAX 4.5	0.75	LAA 7						
D	LIQUID AMS	2.50	PMV 7						
E	NO-TILL	0.00	NA 0						
2A	BALANCE PRO 4S	0.117	LAA 5	0	92	99	99	96	84
B	DEFINE 4SC	0.375	LAA 5						
C	WEATHERMAX 4.5	0.75	LAA 7						
D	LIQUID AMS	2.50	PMV 7						
E	NO-TILL	0.00	NA 0						
3A	BALANCE PRO 4S	0.094	LAA 7	0	85	99	99	99	83
B	ATRAZINE DF	1.00	LAA 7						
4A	BALANCE PRO 4S	0.094	LAA 9	0	96	99	99	99	81
B	ATRAZINE DF	1.00	LAA 9						
5A	BALANCE PRO 4S	0.094	LAA 7	0	87	99	99	95	83
B	DEFINE 4SC	0.375	LAA 7						
6A	BALANCE PRO 4S	0.094	LAA 9	0	98	99	99	99	79
B	DEFINE 60DF	0.375	LAA 9						
7A	BALANCE PRO 4S	0.094	LAA 7	0	88	99	99	99	84
B	DEFINE 4SC	0.375	LAA 7						
C	ATRAZINE DF	1.00	LAA 7						
8A	BALANCE PRO 4S	0.117	LAA 5	0	96	99	99	99	87
B	DEFINE 4SC	0.375	LAA 5						
C	ATRAZINE DF	1.00	LAA 5						
D	WEATHERMAX 4.5	0.75	LAA 7						
E	LIQUID AMS	2.50	PMV 7						
F	NO-TILL	0.00	NA 0						
9A	LUMAX 3.9L	2.93	LAA 5	0	95	99	99	99	90
B	WEATHERMAX 4.5	0.75	LAA 7						
C	LIQUID AMS	2.50	PMV 7						
D	NO-TILL	0.00	NA 0						
10A	BALANCE PRO 4S	0.094	LAA 9	0	98	99	99	99	85
B	DEFINE 4SC	0.375	LAA 9						
C	ATRAZINE DF	1.00	LAA 9						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	LUMAX 3.9L	2.93	LAA 7	0	94	99	99	99	86
13A	LUMAX 3.9L	2.93	LAA 9	0	97	99	99	99	92
14A	LUMAX 3.9L	1.95	LAA 9	0	94	99	99	99	92
B	ATRAZINE DF	1.50	LAA 9						
		LSD (0.05)		0.00	6.30	0.00	2.33	3.00	12.86
		STANDARD DEVIATION		0.00	3.06	0.00	1.13	1.45	6.25

>> = SUPPLEMENTAL CHEMICAL

**\* TIMING CODES**

00 = ----- / UNTREATED TIMING  
 05 = ----- / EPP 15DBP 04/02/2004 (1)  
 07 = ----- / PREPLANT INCORPORATED 04/16/2004 (2)  
 09 = ----- / PREEMERGENCE 04/16/2004 (3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/16/2004	01	P	ZEAMD		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
002	SETFA	CON %	05/16/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/16/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/16/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/16/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/16/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/15/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/15/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/15/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/15/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/15/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/15/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34B24