

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	10	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/02	05/21/02	AME
AIR TEMPERATURE	62	50	F
% REL. HUMIDITY	30	40	
WIND DIRECTION	SOUTHEAST	NORTHEAST	
WIND SPEED	3.0	3.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/11	
PIONEER 33Y09		3.00/3.00	IN
05/03/2002			
*** PEST ***			
VELVETLEAF		---/10	
		0.50/0.50	IN
RAGWEED, COMMON		---/11	
		0.50/0.50	IN
MORNINGGLORY, IV		---/10	
		0.50/0.50	IN
FOXTAIL, GIANT		---/11	
		0.50/0.50	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED

DATA MEAN

TITLE: Pre and early post one pass systems in corn AS-100

CREATED: 04/13/2002 REVISED: 10/24/2002

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

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	IPOHE	AMBEL	ZEAMD	SETFA
		RATE	UNIT		CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 06/18/02	CON % 06/18/02
1A	BICEP II MAGNU	2.89	LAA	9	0	86	80	96	0	92
2A	BICEP II MAGNU	3.30	LAA	9	0	99	92	96	0	94
3A	DEGREE XTRA 4S	3.23	LAA	9	0	95	87	89	0	91
4A	HARNESS EXTRA	2.80	LAA	9	0	97	84	89	0	90
5A	GUARDS MAX 5L	2.88	LAA	9	0	99	81	91	0	86
6A	FULTIME 4SC	3.33	LAA	9	0	99	90	98	0	96
7A	KEYSTONE LA 5.	2.75	LAA	9	0	88	70	89	0	93
8A	KEYSTONE 5.1L	3.50	LAA	9	0	96	80	83	0	94
9A	FULTIME 4SC	3.00	LAA	9	0	93	77	96	0	98
	B>HORNET 68.5WG	0.112	LAA	9						
10A	AXIOM	0.72	LAA	9	0	99	96	99	0	95
	B ATRAZINE DF	1.50	LAA	9						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	TOPNOTCH	2.00	LAA	9	0	96	25	99	0	99
	B>HORNET 68.5WG	0.112	LAA	9						
13A	CAMIX 3.66L	1.46	LAA	9	0	88	73	91	0	87
14A	CAMIX 3.66L	1.83	LAA	9	0	98	89	96	0	99
15A	CAMIX 3.66L	2.20	LAA	9	0	94	80	96	0	98
16A	GF-688 3.5L	1.75	LAA	9	0	96	86	80	0	94
17A	EPIC 58DF	0.54	LAA	9	0	92	63	81	0	90
18A	BALANCE PRO 4S	0.094	LAA	9	0	99	92	96	0	78
	B ATRAZINE DF	1.00	LAA	9						
19A	EPIC 58DF	0.44	LAA	9	0	99	93	88	0	87
	B ATRAZINE DF	1.25	LAA	9						
20A	USA 2001 71.5W	0.54	LAA	9	0	99	92	97	0	94
	B ATRAZINE DF	1.50	LAA	9						
21A	USA 2001 71.5W	0.67	LAA	9	0	99	91	98	0	91
	B ATRAZINE DF	1.50	LAA	9						
22A	EPIC 58DF	0.25	LAA	9	0	96	93	93	0	94
	B>AXIOM	0.38	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
23A	LUMAX 3.9L	1.97	LAA	9	0	96	77	93	0	86
24A	LUMAX 3.9L	2.46	LAA	9	0	88	80	82	0	88
25A	LUMAX 3.9L	2.95	LAA	9	0	98	93	96	0	98
26A	GUARDS MAX 5L	2.50	LAA	9	0	98	82	99	0	98
	B>BALANCE PRO 4S	0.047	LAA	9						
27A	ACCENT 75WG	0.016	LAA	10	0	0	0	0	0	94
	B>LUMAX 3.9L	2.46	LAA	10						
	C>COC	1.00	PMV	10						

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TITLE: Pre and early post one pass systems in corn AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	IPOHE	AMBEL	ZEAMD	SETFA
		RATE	UNIT		CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 05/21/02	CON % 06/18/02	CON % 06/18/02
28A	ACCENT 75WG	0.016	LAA	10	0	0	0	0	0	98
	B»LUMAX 3.9L	2.95	LAA	10						
	C»COC	1.00	PMV	10						
29A	ACCENT 75WG	0.016	LAA	10	0	0	0	0	0	85
	B»CAMIX 3.66L	1.83	LAA	10						
	C»COC	1.00	PMV	10						
30A	ACCENT 75WG	0.016	LAA	10	0	0	0	0	0	89
	B»CAMIX 3.66L	2.20	LAA	10						
	C»COC	1.00	PMV	10						
31A»	OUTLOOK 6EC	0.84	LAA	9	0	96	30	33	0	96
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
32A	MARKSMAN SC	1.20	LAA	10	0	0	0	0	0	73
	B»OPTION 35WDG	0.022	LAA	10						
	C»MSO	1.00	PMV	10						
	D 28% UAN	2.50	LAA	10						
		LSD (0.05)			0.00	7.94	15.33	13.28	0.00	8.68
		STANDARD DEVIATION			0.00	4.00	7.74	6.71	0.00	4.38

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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

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	AMBEL	IPOHE	YIELD
		RATE	UNIT		CON % 06/18/02	CON % 06/18/02	CON % 06/18/02	BU/A 10/02/02
1A	BICEP II MAGNU	2.89	LAA	9	48	99	38	127.3
2A	BICEP II MAGNU	3.30	LAA	9	65	83	45	138.8
3A	DEGREE XTRA 4S	3.23	LAA	9	53	99	38	128.6
4A	HARNESS EXTRA	2.80	LAA	9	60	93	45	128.5
5A	GUARDS MAX 5L	2.88	LAA	9	45	93	37	129.6
6A	FULTIME 4SC	3.33	LAA	9	53	93	35	128.8
7A	KEYSTONE LA 5.	2.75	LAA	9	53	94	43	121.0
8A	KEYSTONE 5.1L	3.50	LAA	9	52	99	43	130.6
9A	FULTIME 4SC	3.00	LAA	9	80	99	52	132.2
	B>HORNET 68.5WG	0.112	LAA	9				
10A	AXIOM	0.72	LAA	9	65	60	62	128.2
	B ATRAZINE DF	1.50	LAA	9				
11A	CHECK	0.00	NA	0	0	0	0	77.2
12A	TOPNOTCH	2.00	LAA	9	90	99	28	119.3
	B>HORNET 68.5WG	0.112	LAA	9				
13A	CAMIX 3.66L	1.46	LAA	9	77	91	50	134.9
14A	CAMIX 3.66L	1.83	LAA	9	94	73	52	138.6
15A	CAMIX 3.66L	2.20	LAA	9	96	93	67	133.2
16A	GF-688 3.5L	1.75	LAA	9	99	75	68	130.2
17A	EPIC 58DF	0.54	LAA	9	99	81	42	130.9
18A	BALANCE PRO 4S	0.094	LAA	9	96	99	45	142.3
	B ATRAZINE DF	1.00	LAA	9				
19A	EPIC 58DF	0.44	LAA	9	99	73	47	133.8
	B ATRAZINE DF	1.25	LAA	9				
20A	USA 2001 71.5W	0.54	LAA	9	96	57	38	121.2
	B ATRAZINE DF	1.50	LAA	9				
21A	USA 2001 71.5W	0.67	LAA	9	95	94	60	134.0
	B ATRAZINE DF	1.50	LAA	9				
22A	EPIC 58DF	0.25	LAA	9	83	96	57	126.9
	B>AXIOM	0.38	LAA	9				
	C ATRAZINE DF	1.50	LAA	9				
23A	LUMAX 3.9L	1.97	LAA	9	99	83	68	144.3
24A	LUMAX 3.9L	2.46	LAA	9	99	94	52	135.8
25A	LUMAX 3.9L	2.95	LAA	9	99	94	78	138.8
26A	GUARDS MAX 5L	2.50	LAA	9	86	97	48	135.3
	B>BALANCE PRO 4S	0.047	LAA	9				
27A	ACCENT 75WG	0.016	LAA	10	99	91	75	136.5
	B>LUMAX 3.9L	2.46	LAA	10				
	C>COC	1.00	PMV	10				

DATA MEAN

TITLE: Pre and early post one pass systems in corn AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	AMBEL	IPOHE	YIELD	
		RATE	UNIT		CON % 06/18/02	CON % 06/18/02	CON % 06/18/02	BU/A 10/02/02	
28A	ACCENT 75WG	0.016	LAA	10	99	99	83	138.3	
	B»LUMAX 3.9L	2.95	LAA	10					
	C»COC	1.00	PMV	10					
29A	ACCENT 75WG	0.016	LAA	10	99	91	73	136.0	
	B»CAMIX 3.66L	1.83	LAA	10					
	C»COC	1.00	PMV	10					
30A	ACCENT 75WG	0.016	LAA	10	96	83	77	139.2	
	B»CAMIX 3.66L	2.20	LAA	10					
	C»COC	1.00	PMV	10					
31A»	OUTLOOK 6EC	0.84	LAA	9	70	83	70	127.7	
	B MARKSMAN SC	1.20	LAA	10					
	C»LIQUID AMS	2.50	PMV	10					
32A	MARKSMAN SC	1.20	LAA	10	62	87	67	126.2	
	B»OPTION 35WDG	0.022	LAA	10					
	C»MSO	1.00	PMV	10					
	D 28% UAN	2.50	LAA	10					
					LS D (0.05)	15.53	17.73	20.52	13.32
					STANDARD DEVIATION	7.85	9.00	10.36	6.73

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2002(1)
 10 = ----- / VEPOST 05/21/2002(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	05/21/2002	01	P	ZEAMD	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/21/2002	02	P	SETFA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	IPOHE	CON %	05/21/2002	03	P	IPOHE	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	05/21/2002	04	P	AMBEL	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	06/18/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	06/18/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	06/18/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBEL	CON %	06/18/2002	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	IPOHE	CON %	06/18/2002	03	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	YIELD	BU/A	10/02/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)
 01 = PIONEER 33Y09

* STAGE CODE
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED