

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	10	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/05/02	06/07/02	AME
AIR TEMPERATURE	76	70	F
% REL.HUMIDITY	36	59	
WIND DIRECTION	SOUTH	SOUTH	
WIND SPEED	9.0	6.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF		HGH/12 1.50/1.50	IN
PIGWEEED, REDROOT		HGH/13 1.00/1.00	IN
LAMBSQUARTERS, C		HGH/14 0.75/0.75	IN
FOXTAIL, GIANT		HGH/11 2.00/2.00	IN
CORN, DENT PIONEER 35P17LL 05/05/2002	---/01 /	---/13 5.00/5.00	IN

* TIMING CODES

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

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 11 = FIRST LEAF UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Pre and early post one pass systems in corn SW-1500

CREATED: 04/17/2002 REVISED: 11/18/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMARE	ABUTH	ZEAMD
		RATE	UNIT	TM	CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/12/02
1A	BICEP II MAGNU	2.89	LAA	9	0	99	99	99	87	0
2A	BICEP II MAGNU	3.30	LAA	9	0	99	99	99	90	0
3A	DEGREE XTRA 4S	3.23	LAA	9	0	98	99	99	83	0
4A	HARNESS EXTRA	2.80	LAA	9	0	98	99	99	97	0
5A	GUARDS MAX 5L	2.88	LAA	9	0	99	99	99	90	0
6A	FULTIME 4SC	3.33	LAA	9	0	99	99	99	88	0
7A	KEYSTONE LA 5.	2.75	LAA	9	0	99	99	99	93	0
8A	KEYSTONE 5.1L	3.50	LAA	9	0	96	99	99	92	0
9A	FULTIME 4SC	3.00	LAA	9	0	98	99	99	90	0
	B>HORNET 68.5WG	0.112	LAA	9						
10A	AXIOM	0.81	LAA	9	0	99	99	99	92	0
	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	98	99	99	94	0
	B>HORNET 68.5WG	0.112	LAA	9						
13A	CAMIX 3.66L	1.46	LAA	9	0	93	99	99	98	0
14A	CAMIX 3.66L	1.83	LAA	9	0	98	99	99	99	0
15A	CAMIX 3.66L	2.20	LAA	9	0	99	99	99	96	0
16A	EPIC 58DF	0.54	LAA	9	0	99	99	99	98	0
17A	BALANCE PRO 4S	0.094	LAA	9	0	99	99	99	98	0
	B ATRAZINE DF	1.00	LAA	9						
18A	EPIC 58DF	0.47	LAA	9	0	98	99	99	97	0
	B ATRAZINE DF	1.25	LAA	9						
19A	USA 2001 71.5W	0.67	LAA	9	0	99	99	99	98	0
	B ATRAZINE DF	1.50	LAA	9						
20A	USA 2001 71.5W	0.76	LAA	9	0	99	99	99	98	0
	B ATRAZINE DF	1.50	LAA	9						
21A	EPIC 58DF	0.25	LAA	9	0	99	99	99	99	0
	B>AXIOM	0.43	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
22A	LUMAX 3.9L	1.97	LAA	9	0	99	99	99	95	0
23A	LUMAX 3.9L	2.46	LAA	9	0	94	99	98	97	0
24A	LUMAX 3.9L	2.95	LAA	9	0	99	99	99	97	0
25A	GUARDS MAX 5L	2.50	LAA	9	0	99	99	99	98	0
	B>BALANCE PRO 4S	0.047	LAA	9						
26A	ACCENT 75WG	0.016	LAA	10						15
	B>LUMAX 3.9L	2.46	LAA	10						
	C>COC	1.00	PMV	10						
27A	ACCENT 75WG	0.016	LAA	10						18
	B>LUMAX 3.9L	2.95	LAA	10						
	C>COC	1.00	PMV	10						

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TITLE: Pre and early post one pass systems in corn SW-1500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMARE	ABUTH	ZEAMD
		RATE	UNIT		CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/07/02	CON % 06/12/02
28A	ACCENT 75WG	0.016	LAA	10						15
	B»CAMIX 3.66L	1.83	LAA	10						
	C»COC	1.00	PMV	10						
29A	ACCENT 75WG	0.016	LAA	10						15
	B»CAMIX 3.66L	2.20	LAA	10						
	C»COC	1.00	PMV	10						
30A»	OUTLOOK 6EC	0.84	LAA	9	0	99	13	23	0	0
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
		LSD (0.05)			0.00	4.24	1.75	1.87	6.06	0.875
		STANDARD DEVIATION			0.00	2.12	0.875	0.937	3.00	0.438

DATA MEAN

TITLE: Pre and early post one pass systems in corn SW-1500

CREATED: 04/17/2002 REVISED: 11/18/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMARE	ABUTH	ZEAMD
		RATE	UNIT	TM	CON % 07/05/02	CON % 07/05/02	CON % 07/05/02	CON % 07/05/02	CON % 07/05/02	BU/A 10/27/02
1A	BICEP II MAGNU	2.89	LAA	9	0	97	99	98	91	218.8
2A	BICEP II MAGNU	3.30	LAA	9	0	98	99	99	96	210.9
3A	DEGREE XTRA 4S	3.23	LAA	9	0	96	99	99	90	213.1
4A	HARNESS EXTRA	2.80	LAA	9	0	90	99	99	92	214.3
5A	GUARDS MAX 5L	2.88	LAA	9	0	99	99	99	92	222.5
6A	FULTIME 4SC	3.33	LAA	9	0	94	99	99	89	207.4
7A	KEYSTONE LA 5.	2.75	LAA	9	0	98	99	99	82	219.2
8A	KEYSTONE 5.1L	3.50	LAA	9	0	89	99	99	96	208.4
9A	FULTIME 4SC	3.00	LAA	9	0	86	99	99	87	216.4
	B>HORNET 68.5WG	0.112	LAA	9						
10A	AXIOM	0.81	LAA	9	0	94	99	99	93	212.7
	B ATRAZINE DF	1.50	LAA	9						
11A	CHECK	0.00	NA	0	0	0	0	0	0	138.8
12A	TOPNOTCH	2.00	LAA	9	0	91	99	99	98	211.1
	B>HORNET 68.5WG	0.112	LAA	9						
13A	CAMIX 3.66L	1.46	LAA	9	0	89	99	99	93	213.3
14A	CAMIX 3.66L	1.83	LAA	9	0	93	99	99	98	214.7
15A	CAMIX 3.66L	2.20	LAA	9	0	95	99	99	95	213.3
16A	EPIC 58DF	0.54	LAA	9	0	94	99	99	97	202.0
17A	BALANCE PRO 4S	0.094	LAA	9	0	94	99	99	98	216.5
	B ATRAZINE DF	1.00	LAA	9						
18A	EPIC 58DF	0.47	LAA	9	0	98	99	99	99	221.1
	B ATRAZINE DF	1.25	LAA	9						
19A	USA 2001 71.5W	0.67	LAA	9	0	96	99	99	99	212.0
	B ATRAZINE DF	1.50	LAA	9						
20A	USA 2001 71.5W	0.76	LAA	9	0	96	99	99	95	207.4
	B ATRAZINE DF	1.50	LAA	9						
21A	EPIC 58DF	0.25	LAA	9	0	98	99	99	96	221.0
	B>AXIOM	0.43	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
22A	LUMAX 3.9L	1.97	LAA	9	0	99	99	99	97	233.6
23A	LUMAX 3.9L	2.46	LAA	9	0	90	99	98	98	205.9
24A	LUMAX 3.9L	2.95	LAA	9	0	96	99	99	96	211.9
25A	GUARDS MAX 5L	2.50	LAA	9	0	98	99	99	96	217.1
	B>BALANCE PRO 4S	0.047	LAA	9						
26A	ACCENT 75WG	0.016	LAA	10	0	96	99	99	99	209.9
	B>LUMAX 3.9L	2.46	LAA	10						
	C>COC	1.00	PMV	10						
27A	ACCENT 75WG	0.016	LAA	10	0	93	99	99	99	199.9
	B>LUMAX 3.9L	2.95	LAA	10						
	C>COC	1.00	PMV	10						

DATA MEAN

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TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMARE	ABUTH	ZEAMD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	BU/A
			TM	07/05/02	07/05/02	07/05/02	07/05/02	07/05/02	10/27/02
28A	ACCENT 75WG	0.016	LAA 10	0	96	99	99	99	208.5
	B»CAMIX 3.66L	1.83	LAA 10						
	C»COC	1.00	PMV 10						
29A	ACCENT 75WG	0.016	LAA 10	0	97	99	99	99	208.6
	B»CAMIX 3.66L	2.20	LAA 10						
	C»COC	1.00	PMV 10						
30A»	OUTLOOK 6EC	0.84	LAA 9	0	97	99	99	98	210.3
	B MARKSMAN SC	1.20	LAA 10						
	C»LIQUID AMS	2.50	PMV 10						
		LSD (0.05)		0.00	11.00	0.00	0.789	4.77	23.00
		STANDARD DEVIATION		0.00	5.49	0.00	0.394	2.38	11.48

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/05/2002 (1)
 10 = ----- / VEPOST 06/07/2002 (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 %	06/07/2002	01	P	ZEAMD	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/07/2002	02	P	SETFA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/07/2002	03	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMARE	CON %	06/07/2002	04	P	AMARE	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/07/2002	05	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	06/12/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ZEAMD	CON %	07/05/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/05/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/05/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMARE	CON %	07/05/2002	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ABUTH	CON %	07/05/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	ZEAMD	BU/A	10/27/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 35P17LL

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED