

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
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	05/19/00	06/07/00	AME
AIR TEMPERATURE	65	68	F
% REL. HUMIDITY	50	75	
WIND DIRECTION	WEST	SOUTH	
WIND SPEED	5.0	6.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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	CULTFIELD	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/11	
PIONEER 32K61		5.00/5.00	IN
05/19/2000			
*** PEST ***			
WATERHEMP, COMMO		---/12	
		1.00/1.00	IN
PANICUM, FALL		---/10	
		1.00/1.00	IN
SHATTERCANE, SOR		---/11	
		2.00/2.00	IN

* TIMING CODES

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

* STAGE CODE

10 = FIRST LEAF THROUGH COLEOPTILE
11 = FIRST LEAF UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CRNSYS1 PREMIX BT E-1
 CREATED: 05/18/2000 REVISED: 11/28/2000 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: BTOWN E-1 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		TM	ZEAMD	AMATA	SORVU	PANDI	ZEAMD	AMATA
		RATE	UNIT		06/30/00	06/30/00	06/30/00	06/30/00	08/11/00	08/11/00
1A	BICEP II MAGNU	2.89	LAA	9	0	80	88	93	0	80
2A	BICEP II MAGNU	2.89	LAA	9	0	95	93	92	0	82
	B>ZA1296 4SC	0.188	LAA	9						
3A	GUARDSMAN	2.81	LAA	9	0	92	90	93	0	80
4A	HARNESS XTRA	3.08	LAA	9	0	89	88	88	0	75
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	DEGREE XTRA 4S	3.03	LAA	9	0	96	92	92	0	78
7A	FULTIME 4SC	3.00	LAA	9	0	92	87	92	0	72
8A	GUARDSMAN	2.81	LAA	9	0	95	91	93	0	78
	B>BALANCE 75WG	0.047	LAA	9						
9A	GUARDSMAN	2.81	LAA	9	0	96	93	96	0	80
	B>HORNET 68.5WG	0.128	LAA	9						
10A	AXIOM AT 75WG	2.06	LAA	9	0	96	95	96	0	65
11A	EPIC 58DF	0.435	LAA	9	0	96	93	98	0	73
12A	HARNESS (7EC)	1.51	LAA	9	0	99	95	98	0	78
	B>HORNET 68.5WG	0.171	LAA	9						
13A	OUTLOOK 6EC	0.75	LAA	10	0	99	99	98	0	80
	B MARKSMAN SC	1.40	LAA	10						
	C 28% UAN	2.50	PMV	10						
14A	GUARDSMAN	2.81	LAA	9	0	96	98	99	0	70
	B>DISTINCT 70WG	0.175	LAA	10						
	C>ACTIVATOR 90	0.25	PMV	10						
	D 28% UAN	1.25	PMV	10						
15A	EXP31430A 4.3S	1.34	LAA	9	0	98	98	99	0	73
	B>DUAL II MAGNUM	0.72	LAA	9						
16A	BALANCE PRO 4S	0.094	LAA	9	0	95	95	96	0	73
	B ATRAZINE DF	1.00	LAA	9						
17A	BALANCE 75WG	0.094	LAA	9	0	99	95	96	0	78
	B ATRAZINE DF	1.00	LAA	9						
18A	BALANCE PRO 4S	0.094	LAA	9	0	97	96	98	0	85
	B>BICEP II MAGNU	1.38	LAA	9						
		LSD (0.05)			0.00	4.88	5.94	4.00	0.00	9.19
		STANDARD DEVIATION			0.00	2.41	2.94	2.00	0.00	4.55

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 PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		SORVU		PANDI	
		RATE	UNIT	TM	08/11/00	08/11/00	
1A	BICEP II MAGNU	2.89	LAA	9	75	83	
2A	BICEP II MAGNU	2.89	LAA	9	73	85	
B	ZA1296 4SC	0.188	LAA	9			
3A	GUARDSMAN	2.81	LAA	9	82	83	
4A	HARNESS XTRA	3.08	LAA	9	73	77	
5A	CHECK	0.00	NA	0	0	0	
6A	DEGREE XTRA 4S	3.03	LAA	9	78	85	
7A	FULTIME 4SC	3.00	LAA	9	77	73	
8A	GUARDSMAN	2.81	LAA	9	73	77	
B	BALANCE 75WG	0.047	LAA	9			
9A	GUARDSMAN	2.81	LAA	9	77	77	
B	HORNET 68.5WG	0.128	LAA	9			
10A	AXIOM AT 75WG	2.06	LAA	9	78	82	
11A	EPIC 58DF	0.435	LAA	9	75	87	
12A	HARNESS (7EC)	1.51	LAA	9	75	82	
B	HORNET 68.5WG	0.171	LAA	9			
13A	OUTLOOK 6EC	0.75	LAA	10	72	90	
B	MARKSMAN SC	1.40	LAA	10			
C	28% UAN	2.50	PMV	10			
14A	GUARDSMAN	2.81	LAA	9	70	80	
B	DISTINCT 70WG	0.175	LAA	10			
C	ACTIVATOR 90	0.25	PMV	10			
D	28% UAN	1.25	PMV	10			
15A	EXP31430A 4.3S	1.34	LAA	9	70	85	
B	DUAL II MAGNUM	0.72	LAA	9			
16A	BALANCE PRO 4S	0.094	LAA	9	73	82	
B	ATRAZINE DF	1.00	LAA	9			
17A	BALANCE 75WG	0.094	LAA	9	70	82	
B	ATRAZINE DF	1.00	LAA	9			
18A	BALANCE PRO 4S	0.094	LAA	9	72	78	
B	BICEP II MAGNU	1.38	LAA	9			
				LSD (0.05)	12.80	8.62	
				STANDARD DEVIATION	6.33	4.26	

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/19/2000(1)
 10 = ----- / VEPOST 06/07/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD		06/30/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA		06/30/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SORVU		06/30/2000	03	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PANDI		06/30/2000	04	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD		08/11/2000	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	CTR1	SS	NOTE
006	AMATA		08/11/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SORVU		08/11/2000	03	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI		08/11/2000	04	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 32K61