

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	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/19/00	06/15/00	AME
AIR TEMPERATURE	65	78	F
% REL.HUMIDITY	50	60	
WIND DIRECTION	WEST	SOUTH	
WIND SPEED	5.0	6.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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		---/13	
PIONEER 32K61		8.00/8.00	IN
05/19/2000			
*** PEST ***			
WATERHEMP, COMMO		---/14	
		2.00/2.00	IN
MORNINGGLORY, IV		---/13	
		2.00/2.00	IN
PANICUM, FALL		---/11	
		2.00/2.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

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

TITLE: BTOWN CORNSYS2 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 07/13/00	AMATA 07/13/00	IPOHE 07/13/00	PANDI 07/13/00	ZEAMD 08/11/00	AMATA 08/11/00
		RATE	UNIT							
1A»	DUAL II MAGNUM	1.60	LAA 9		0	93	96	91	0	82
B»	NORTHSTAR 47.4	0.148	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
2A»	DUAL II MAGNUM	1.60	LAA 9		0	95	98	93	0	72
B»	SPIRIT 57WG	0.036	LAA 11							
C»	COC	1.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
3A»	BICEP LITE II	2.25	LAA 9		0	95	94	90	0	80
B»	NORTHSTAR 47.4	0.148	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
4A	CHECK	0.00	NA 0		0	0	0	0	0	0
5A»	BICEP LITE II	2.25	LAA 9		0	93	95	95	0	68
B»	SPIRIT 57WG	0.036	LAA 11							
C»	COC	1.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
6A»	FRONTIER 6.0EC	1.41	LAA 9		0	82	93	82	0	72
B	CLARITY	0.25	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
7A»	FRONTIER 6.0EC	1.50	LAA 9		0	96	97	96	0	80
B	MARKSMAN SC	1.20	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
8A»	FRONTIER 6.0EC	1.50	LAA 9		0	97	98	96	0	80
B»	DISTINCT 70WG	0.262	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
9A	TOPNOTCH (3.2C	2.00	LAA 9		0	90	93	92	0	82
B»	HORNET 68.5WG	0.128	LAA 11							
C»	ACTIVATOR 90	0.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
10A	HARNESS XTRA	2.70	LAA 9		0	95	98	93	0	78
B	PERMIT (75WG)	0.032	LAA 11							
C»	COC	1.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
11A»	LEADOFF 5SE	1.25	LAA 9		0	95	93	97	0	75
B»	ACCENT GOLD 83	0.152	LAA 0							
C»	DPX79406 75DF	0.024	LAA 11							
D»	HORNET 68.5WG	0.128	LAA 11							
E»	ACTIVATOR 90	0.25	PMV 11							
F	AM. SULFATE	12.50	PMG 11							
12A»	LEADOFF 5SE	1.25	LAA 9		0	97	98	97	0	80
B»	BASIS GOLD 90D	0.79	LAA 11							
C»	COC	1.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
13A»	DEGREE 3.8SC	2.00	LAA 9		0	95	91	93	0	77
B	PERMIT (75WG)	0.032	LAA 11							
C»	COC	1.25	PMV 11							
D	AM. SULFATE	12.50	PMG 11							
14A»	DUAL II MAGNUM	1.60	LAA 9		0	98	98	97	0	85
B	MARKSMAN SC	1.40	LAA 11							

TITLE: BTOWN CORNSYS2 E-1

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD 07/13/00	AMATA 07/13/00	IPOHE 07/13/00	PANDI 07/13/00	ZEAMD 08/11/00	AMATA 08/11/00
		RATE	UNIT							
15A	TOPNOTCH (3.2C	2.00	LAA	9	0	93	92	91	0	78
	B»ZA1296 4SC	0.094	LAA	11						
	C»COC	1.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
16A»	BICEP II MAGNU	2.25	LAA	9	0	85	89	92	0	83
	B»ZA1296 4SC	0.094	LAA	11						
	C»COC	1.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
17A»	DUAL II MAGNUM	1.90	LAA	9	0	88	96	88	0	80
	B»ZA1296 4SC	0.094	LAA	11						
	C 28% UAN	2.50	PMV	11						
	D»COC	1.25	PMV	11						
18A	PROWL 3.3EC	1.00	LAA	9	0	87	91	93	0	80
	B PRINCEP 4L	1.00	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
19A	PRINCEP 4L	1.00	LAA	9	0	82	93	91	0	73
	B ATRAZINE DF	1.00	LAA	9						
20A	PRINCEP 4L	1.00	LAA	9	0	92	88	87	0	75
	B»SHOTGUN	0.813	LAA	11						
LSD (0.05)					0.00	6.91	6.24	4.08	0.00	12.82
STANDARD DEVIATION					0.00	3.42	3.09	2.00	0.00	6.34

TITLE: BTOWN CORNSYS2 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	TREATMENT NUM COMPONENT	DOSAGE		TM	IPOHE		PANDI	
		RATE	UNIT		08/11/00		08/11/00	
1A»	DUAL II MAGNUM	1.60	LAA	9	87		85	
B»	NORTHSTAR 47.4	0.148	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
2A»	DUAL II MAGNUM	1.60	LAA	9	83		85	
B»	SPIRIT 57WG	0.036	LAA	11				
C»	COC	1.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
3A»	BICEP LITE II	2.25	LAA	9	87		90	
B»	NORTHSTAR 47.4	0.148	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
4A	CHECK	0.00	NA	0	0		0	
5A»	BICEP LITE II	2.25	LAA	9	82		83	
B»	SPIRIT 57WG	0.036	LAA	11				
C»	COC	1.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
6A»	FRONTIER 6.0EC	1.41	LAA	9	75		70	
B	CLARITY	0.25	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
7A»	FRONTIER 6.0EC	1.50	LAA	9	80		82	
B	MARKSMAN SC	1.20	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
8A»	FRONTIER 6.0EC	1.50	LAA	9	77		83	
B»	DISTINCT 70WG	0.262	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
9A	TOPNOTCH (3.2C	2.00	LAA	9	78		85	
B»	HORNET 68.5WG	0.128	LAA	11				
C»	ACTIVATOR 90	0.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
10A	HARNESS XTRA	2.70	LAA	9	80		85	
B	PERMIT (75WG)	0.032	LAA	11				
C»	COC	1.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
11A»	LEADOFF 5SE	1.25	LAA	9	87		92	
B»	ACCENT GOLD 83	0.152	LAA	0				
C»	DPX79406 75DF	0.024	LAA	11				
D»	HORNET 68.5WG	0.128	LAA	11				
E»	ACTIVATOR 90	0.25	PMV	11				
F	AM. SULFATE	12.50	PMG	11				
12A»	LEADOFF 5SE	1.25	LAA	9	75		82	
B»	BASIS GOLD 90D	0.79	LAA	11				
C»	COC	1.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
13A»	DEGREE 3.8SC	2.00	LAA	9	75		82	
B	PERMIT (75WG)	0.032	LAA	11				
C»	COC	1.25	PMV	11				
D	AM. SULFATE	12.50	PMG	11				
14A»	DUAL II MAGNUM	1.60	LAA	9	87		87	
B	MARKSMAN SC	1.40	LAA	11				

TITLE: BTOWN CORNSYS2 E-1

TRT NUM	TREATMENT COMPONENT	DOSAGE		IPOHE		PANDI	
		RATE	UNIT	TM	08/11/00	08/11/00	
15A	TOPNOTCH (3.2C	2.00	LAA	9	87	88	
	B»ZA1296 4SC	0.094	LAA	11			
	C»COC	1.25	PMV	11			
	D 28% UAN	2.50	PMV	11			
16A»	BICEP II MAGNU	2.25	LAA	9	87	87	
	B»ZA1296 4SC	0.094	LAA	11			
	C»COC	1.25	PMV	11			
	D 28% UAN	2.50	PMV	11			
17A»	DUAL II MAGNUM	1.90	LAA	9	82	82	
	B»ZA1296 4SC	0.094	LAA	11			
	C 28% UAN	2.50	PMV	11			
	D»COC	1.25	PMV	11			
18A	PROWL 3.3EC	1.00	LAA	9	82	75	
	B PRINCEP 4L	1.00	LAA	9			
	C ATRAZINE DF	1.00	LAA	9			
19A	PRINCEP 4L	1.00	LAA	9	78	85	
	B ATRAZINE DF	1.00	LAA	9			
20A	PRINCEP 4L	1.00	LAA	9	62	70	
	B»SHOTGUN	0.813	LAA	11			
LSD (0.05)					10.00	8.89	
STANDARD DEVIATION					5.00	4.40	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/19/2000(1)

11 = ----- / EPOST 06/15/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		07/13/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA		07/13/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	IPOHE		07/13/2000	03	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PANDI		07/13/2000	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
006	AMATA		08/11/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	IPOHE		08/11/2000	03	P	IPOHE		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