

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/05/03	07/11/03	AME
AIR TEMPERATURE	65	79	F
% REL.HUMIDITY	55	60	
WIND DIRECTION	NORTH	WEST	
WIND SPEED	6.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
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 ***			
SOYBEAN		---/14	
PIONEER 94B73		5.00/5.00	IN
06/05/2003			
*** PEST ***			
WATERHEMP, COMMO		---/15	
		1.00/3.00	IN
RAGWEED, COMMON		---/13	
		2.00/4.00	IN
PANICUM, FALL		---/12	
		1.00/3.00	IN
FOXTAIL, GIANT		---/13	
		2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Residual and Sequential Herbicides for Weed Control in RR Soybean BT 600

CREATED: 05/29/2003 REVISED: 12/15/2003 COMPLETED: N
PROJECT TYPE: HERBICIDE
LOCATION: BT 600-700 RESEARCHED BY: UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	PANDI	AMATA	AMBEL	GLXMA
		RATE	UNIT	TM	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/21/03
1A	VALOR 51WDG	0.078	LAA	9	0	95	88	96	95	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	CANOPY XL 56.3	0.141	LAA	0	0	97	92	99	99	0
B	CLASSIC 25WG	0.024	LAA	9						
C	AUTHORITY	0.117	LAA	9						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
3A	DOMAIN 60DF	0.375	LAA	9	0	82	70	86	88	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	VALOR 51WDG	0.078	LAA	9	0	95	82	97	96	0
B	DOMAIN 60DF	0.375	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
5A	LASSO 4EC	2.00	LAA	9	0	85	67	70	72	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	SENCOR 75WG	0.28	LAA	9	0	40	50	63	60	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	AUTHORITY	0.188	LAA	9	0	77	72	99	83	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	BOUNDARY 6.5EC	1.22	LAA	9	0	95	85	98	88	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	PROWL H20 3.8C	1.19	LAA	9	0	83	72	90	85	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	DUAL MAGNUM 7.	0.96	LAA	9	0	92	83	95	77	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	AXIOM	0.43	LAA	9	0	92	80	85	82	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	FIRSTRATE 84WG	0.032	LAA	9	0	72	63	53	98	0
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	PENDIMAX 3.3L	1.24	LAA	9	0	92	82	90	96	0
B	FIRSTRATE 84WG	0.016	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
15A	AUTHORITY	0.188	LAA	9	0	93	80	99	77	0
B	COMMAND 3ME	0.375	LAA	9						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
16A	WEATHERMAX 4.5	0.75	LAA	12	0					0
B	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	14.44	14.52	14.51	15.00	0.00
STANDARD DEVIATION					0.00	7.00	7.09	7.08	7.32	0.00

TITLE: Residual and Sequential Herbicides for Weed Control in RR Soybean BT 600

CREATED: 05/29/2003 REVISED: 12/15/2003

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: BT 600-700

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	PANDI	AMATA	AMBEL	YIELD	
		RATE	UNIT	TM	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03	BU/A 10/16/03	
1A»	VALOR 51WDG	0.078	LAA	9	99	99	99	99	40.2	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	CANOPY XL 56.3	0.141	LAA	0	99	99	99	99	47.3	
	B CLASSIC 25WG	0.024	LAA	9						
	C»AUTHORITY	0.117	LAA	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
3A»	DOMAIN 60DF	0.375	LAA	9	96	93	98	99	32.2	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A»	VALOR 51WDG	0.078	LAA	9	98	99	98	99	40.8	
	B»DOMAIN 60DF	0.375	LAA	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	LASSO 4EC	2.00	LAA	9	99	97	92	99	44.9	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
6A	SENCOR 75WG	0.28	LAA	9	92	98	95	99	41.2	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	AUTHORITY	0.188	LAA	9	96	98	99	99	48.7	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	96	99	47.1	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A»	PROWL H20 3.8C	1.19	LAA	9	96	97	93	93	44.6	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	DUAL MAGNUM 7.	0.96	LAA	9	99	99	82	77	36.9	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	AXIOM	0.43	LAA	9	99	99	93	94	37.7	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	FIRSTRATE 84WG	0.032	LAA	9	79	83	93	97	46.3	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	23.2	
14A»	PENDIMAX 3.3L	1.24	LAA	9	96	97	97	98	49.5	
	B»FIRSTRATE 84WG	0.016	LAA	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A»	AUTHORITY	0.188	LAA	9	99	99	99	99	47.9	
	B COMMAND 3ME	0.375	LAA	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A»	WEATHERMAX 4.5	0.75	LAA	12	95	87	79	94	46.7	
	B»LIQUID AMS	2.50	PMV	12						
					LSD (0.05)	4.39	3.53	5.75	3.56	9.12
					STANDARD DEVIATION	2.15	1.73	2.82	1.74	4.47

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/05/2003(1)
 12 = ----- / POST 07/11/2003(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/03/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/03/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	CON %	07/03/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/03/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	07/03/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/21/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/21/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI	CON %	07/21/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/21/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBEL	CON %	07/21/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/16/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B73