

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	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/09/03	07/11/03	07/14/03	AME
AIR TEMPERATURE	75	79	83	F
% REL.HUMIDITY	60	60	55	
WIND DIRECTION	WEST	WEST	SOUTH	
WIND SPEED	9.0	8.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
<b>DEN/ STG/ MINMAXSZ</b>				
*** CROP ***				
SOYBEAN		---/15	---/16	
PIONEER 94B73		6.00/6.00	8.00/8.00	IN
06/05/2003				
*** PEST ***				
WATERHEMP, COMMO		---/16	---/17	
		1.00/3.00	2.00/4.00	IN
RAGWEED, COMMON		---/13	---/14	
		2.00/4.00	3.00/6.00	IN
LAMBSQUARTERS, C		---/19	---/19	
		2.00/4.00	2.00/6.00	IN
PANICUM, FALL		---/12	---/13	
		1.00/3.00	2.00/4.00	IN
SMARTWEED, PENNS		---/19	---/19	
		3.00/7.00	4.00/8.00	IN
FOXTAIL, GIANT		---/13	---/14	
		2.00/4.00	4.00/6.00	IN
COCKLEBUR, COMMO		---/12	---/13	
		2.00/4.00	3.00/5.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 12 = ----- / POST  
 13 = ----- / LPOST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 13 = 3 LEAVES UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

\* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Soybean BT 600-700

CREATED: 06/02/2003 REVISED: 12/12/2003

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	PANDI	SETFA	XANST	POLPY	AMBEL
		RATE	UNIT	TM	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03
1A	»VALOR 51WDG	0.047	LAA	9	0	80	80	87	95	99
	B»FIRSTRATE 84WG	0.016	LAA	9						
	C»GLYPHOMAX PLUS	0.75	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
2A	»AXIOM	0.72	LAA	9	0	96	95	73	88	93
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	»DEFINE 4SC	0.375	LAA	9	0	87	92	78	83	96
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
4A	»VALOR 51WDG	0.078	LAA	9	0	95	90	90	99	99
	B»FIRSTRATE 84WG	0.012	LAA	9						
	C»PHOENIX 2EC	0.125	LAA	12						
	D»FIRSTRATE 84WG	0.012	LAA	12						
	E SELECT (2EC)	0.125	LAA	12						
	F»HI PER-OIL	0.31	PMV	12						
5A	»VALOR 51WDG	0.078	LAA	9	0	95	92	96	98	98
	B»FIRSTRATE 84WG	0.025	LAA	9						
	C»PHOENIX 2EC	0.125	LAA	12						
	D SELECT (2EC)	0.125	LAA	12						
	E»HI PER-OIL	0.31	PMV	12						
6A	»PYTHON 80WG	0.05	LAA	9	0	70	63	73	98	99
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	»PROWL H20 3.8C	1.19	LAA	9	0	60	77	57	73	83
	B»RAPTOR 1AS	0.031	LAA	12						
	C»ULTRA BLAZER	0.188	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	»PROWL H20 3.8C	1.19	LAA	9	0	60	70	33	80	73
	B»EXTREME 2.17L	0.81	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
10A	LASSO 4EC	1.00	LAA	9	0	67	82	20	91	95
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
11A	»AMPLIFY 84WG	0.016	LAA	9	0	80	67	95	90	93
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
12A	»FIRSTRATE 84WG	0.016	LAA	9	0	43	40	90	95	99
	B»GLYPHOMAX PLUS	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
13A	»CANOPY XL 56.3	0.158	LAA	0	0	88	93	96	98	98
	B CLASSIC 25WG	0.026	LAA	9						
	C»AUTHORITY	0.132	LAA	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						
14A	»WEATHERMAX 4.5	0.75	LAA	12	0					
	B»LIQUID AMS	5.00	PMV	12						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						

**TITLE:** Weed Control Systems in Soybean BT 600-700

LSD (0.05)	0.00	16.21	13.41	15.30	13.00	11.72
STANDARD DEVIATION	0.00	7.85	6.50	7.41	6.32	5.68

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TITLE: Weed Control Systems in Soybean BT 600-700

CREATED: 06/02/2003 REVISED: 12/12/2003

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			CHEAL	AMATA	GLXMA	XANST	POLPY	AMATA
		RATE	UNIT	TM	CON % 07/10/03	CON % 07/10/03	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03
1A	VALOR 51WDG	0.047	LAA	9	99	92	0	95	91	96
	B»FIRSTRATE 84WG	0.016	LAA	9						
	C»GLYPHOMAX PLUS	0.75	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
2A	AXIOM	0.72	LAA	9	98	82	0	95	95	97
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	DEFINE 4SC	0.375	LAA	9	98	87	0	95	95	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
4A	VALOR 51WDG	0.078	LAA	9	99	92	15	99	98	95
	B»FIRSTRATE 84WG	0.012	LAA	9						
	C»PHOENIX 2EC	0.125	LAA	12						
	D»FIRSTRATE 84WG	0.012	LAA	12						
	E SELECT (2EC)	0.125	LAA	12						
	F»HI PER-OIL	0.31	PMV	12						
5A	VALOR 51WDG	0.078	LAA	9	99	95	7	88	85	96
	B»FIRSTRATE 84WG	0.025	LAA	9						
	C»PHOENIX 2EC	0.125	LAA	12						
	D SELECT (2EC)	0.125	LAA	12						
	E»HI PER-OIL	0.31	PMV	12						
6A	PYTHON 80WG	0.05	LAA	9	94	47	15	90	96	90
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D COBRA 2EC	0.094	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	PROWL H20 3.8C	1.19	LAA	9	98	70	15	93	99	92
	B»RAPTOR 1AS	0.031	LAA	12						
	C»ULTRA BLAZER	0.188	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	PROWL H20 3.8C	1.19	LAA	9	98	70	0	95	88	90
	B»EXTREME 2.17L	0.81	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
10A	LASSO 4EC	1.00	LAA	9	92	60	0	97	92	96
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
11A	AMPLIFY 84WG	0.016	LAA	9	83	40	0	95	96	93
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
12A	FIRSTRATE 84WG	0.016	LAA	9	96	27	0	91	98	94
	B»GLYPHOMAX PLUS	0.75	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
13A	CANOPY XL 56.3	0.158	LAA	0	98	92	0	98	99	96
	B CLASSIC 25WG	0.026	LAA	9						
	C»AUTHORITY	0.132	LAA	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	5.00	PMV	12						
14A	WEATHERMAX 4.5	0.75	LAA	12			0	96	99	93
	B»LIQUID AMS	5.00	PMV	12						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						

TITLE: Weed Control Systems in Soybean BT 600-700

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LSD (0.05)	6.66	13.00	2.59	5.43	7.10	4.51
STANDARD DEVIATION	3.23	6.28	1.26	2.64	3.45	2.20

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TITLE: Weed Control Systems in Soybean BT 600-700

CREATED: 06/02/2003 REVISED: 12/12/2003

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			CHEAL	AMBEL	PANDI	SETFA	YIELD
		RATE	UNIT	TM	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03	CON % 07/21/03	BU/A 10/21/03
1A	»VALOR 51WDG	0.047	LAA	9	96	97	96	99	46.0
	B»FIRSTRATE 84WG	0.016	LAA	9					
	C»GLYPHOMAX PLUS	0.75	LAA	12					
	D»LIQUID AMS	5.00	PMV	12					
2A	»AXIOM	0.72	LAA	9	99	97	97	98	44.2
	B»WEATHERMAX 4.5	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
3A	»DEFINE 4SC	0.375	LAA	9	98	95	96	99	43.4
	B»WEATHERMAX 4.5	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
4A	»VALOR 51WDG	0.078	LAA	9	96	98	96	98	39.9
	B»FIRSTRATE 84WG	0.012	LAA	9					
	C»PHOENIX 2EC	0.125	LAA	12					
	D»FIRSTRATE 84WG	0.012	LAA	12					
	E SELECT (2EC)	0.125	LAA	12					
	F»HI PER-OIL	0.31	PMV	12					
5A	»VALOR 51WDG	0.078	LAA	9	95	96	93	97	37.3
	B»FIRSTRATE 84WG	0.025	LAA	9					
	C»PHOENIX 2EC	0.125	LAA	12					
	D SELECT (2EC)	0.125	LAA	12					
	E»HI PER-OIL	0.31	PMV	12					
6A	»PYTHON 80WG	0.05	LAA	9	95	99	98	98	37.3
	B»FIRSTRATE 84WG	0.016	LAA	12					
	C SELECT (2EC)	0.094	LAA	12					
	D COBRA 2EC	0.094	LAA	12					
	E»COC	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
7A	»PROWL H20 3.8C	1.19	LAA	9	98	98	99	99	34.2
	B»RAPTOR 1AS	0.031	LAA	12					
	C»ULTRA BLAZER	0.188	LAA	12					
	D»MSO	1.00	PMV	12					
	E»LIQUID AMS	3.67	PMV	12					
8A	CHECK	0.00	NA	0	0	0	0	0	9.9
9A	»PROWL H20 3.8C	1.19	LAA	9	99	96	96	96	42.5
	B»EXTREME 2.17L	0.81	LAA	12					
	C»ACTIVATOR 90	0.125	PMV	12					
	D»LIQUID AMS	3.67	PMV	12					
10A	LASSO 4EC	1.00	LAA	9	93	95	94	98	45.2
	B»WEATHERMAX 4.5	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
11A	»AMPLIFY 84WG	0.016	LAA	9	99	99	88	89	42.4
	B»WEATHERMAX 4.5	0.75	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
12A	»FIRSTRATE 84WG	0.016	LAA	9	99	98	85	91	43.8
	B»GLYPHOMAX PLUS	0.75	LAA	12					
	C»LIQUID AMS	3.67	PMV	12					
13A	»CANOPY XL 56.3	0.158	LAA	0	99	99	99	99	47.1
	B CLASSIC 25WG	0.026	LAA	9					
	C»AUTHORITY	0.132	LAA	9					
	D»WEATHERMAX 4.5	0.75	LAA	12					
	E»LIQUID AMS	5.00	PMV	12					
14A	»WEATHERMAX 4.5	0.75	LAA	12	99	99	91	91	46.3
	B»LIQUID AMS	5.00	PMV	12					
	C»WEATHERMAX 4.5	0.75	LAA	13					
	D»LIQUID AMS	5.00	PMV	13					

TITLE: Weed Control Systems in Soybean BT 600-700

LSD (0.05) 4.17 3.00 5.30 3.85 5.93  
STANDARD DEVIATION 2.00 1.46 2.58 1.87 2.88

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
09 = ----- / PREEMERGENCE 06/09/2003(1)  
12 = ----- / POST 07/11/2003(2)  
13 = ----- / LPOST 07/14/2003(3)

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 %	07/10/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PANDI	CON %	07/10/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/10/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	07/10/2003	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	07/10/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	07/10/2003	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	07/10/2003	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/10/2003	08	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/21/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	07/21/2003	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	07/21/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/21/2003	08	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/21/2003	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	07/21/2003	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PANDI	CON %	07/21/2003	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	07/21/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	YIELD	BU/A	10/21/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B73