

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SCL
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 7.5 X 29 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/04/99	AME
AIR TEMPERATURE	77	F
% REL.HUMIDITY	36	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	8.0	M/H
CLOUD COVER	PARTCLDY	
DEW	---	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT		
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/00	
PIONEER 3489	/	IN
05/03/1999		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 00 = DRY SEED (CARYOPSIS)

TITLE: PRE WEED CONTROL/W/BALANCE/CORN SW-600
CREATED: 04/19/1999 **REVISED:** 09/08/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/07/99	06/07/99	06/07/99	06/07/99	07/20/99	
1A»	FULTIME 4SC	2.75	LAA	9	0	90	87	87	92	0
2A»	FULTIME 4SC	3.30	LAA	9	0	90	58	83	93	0
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	FULTIME 4SC	2.75	LAA	9	0	93	93	93	93	0
B»	BALANCE 75WG	0.094	LAA	9						
5A»	FULTIME 4SC	3.25	LAA	9	0	88	93	92	92	0
B»	BALANCE 75WG	0.047	LAA	9						
6A»	FULTIME 4SC	3.25	LAA	9	0	88	92	92	92	0
B»	BALANCE 75WG	0.07	LAA	9						
7A»	FULTIME 4SC	3.25	LAA	9	0	95	98	99	98	0
B»	BALANCE 75WG	0.094	LAA	9						
8A»	TOPNOTCH	1.60	LAA	9	0	88	95	93	92	0
B»	BALANCE 75WG	0.094	LAA	9						
9A»	TOPNOTCH	2.00	LAA	9	0	92	90	90	92	0
B»	BALANCE 75WG	0.094	LAA	9						
10A»	BALANCE 75WG	0.094	LAA	9	0	92	90	95	93	0
B	HARNESS (7EC)	1.00	LAA	9						
11A»	AXIOM	0.36	LAA	9	0	88	93	93	93	0
B»	BALANCE 75WG	0.125	LAA	9						
12A»	FULTIME 4SC	3.30	LAA	9	0	92	88	92	92	0
B»	HORNET 85.6WG	0.176	LAA	9						
13A»	BALANCE 75WG	0.094	LAA	9	0	88	88	93	93	0
B»	BICEP II MAGNU	1.44	LAA	9						
14A»	BALANCE 75WG	0.094	LAA	9	0	87	93	93	93	0
B»	HARNESS EXTRA	1.75	LAA	9						
15A»	BALANCE 75WG	0.094	LAA	9	0	88	88	93	95	0
B»	DUAL II MAGNUM	1.20	LAA	9						
16A»	BALANCE 75WG	0.094	LAA	9	0	88	93	90	93	0
B	ATRAZINE DF	1.50	LAA	9						
17A»	BALANCE 75WG	0.094	LAA	9	0	92	92	99	98	0
B	SURPASS 6.4	1.20	LAA	9						
18A»	BALANCE 75WG	0.094	LAA	9	0	88	92	99	99	0
B»	LEADOFF	1.20	LAA	9						
19A»	EXP318009B	0.094	LAA	9	0	68	83	95	95	0
B	ATRAZINE DF	1.50	LAA	9						
20A»	EXP318009B	0.094	LAA	9	0	92	92	93	93	0
B»	BICEP II MAGNU	1.44	LAA	9						
21A»	EXP318009B	0.094	LAA	9	0	88	90	92	92	0
B»	HARNESS EXTRA	1.75	LAA	9						
22A»	FULTIME 4SC	3.25	LAA	9	0	93	92	93	92	0
B»	EXP318009B	0.094	LAA	9						
23A»	EXP318009B	0.118	LAA	9	0	57	70	88	87	0
24A»	BALANCE 75WG	0.118	LAA	9	0	91	93	92	93	0
25A»	FRONTIER 6.0EC	1.41	LAA	9	0	80	65	80	90	0

TITLE: PRE WEED CONTROL/W/BALANCE/CORN SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	
		RATE	UNIT	TM	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 06/07/99	CON % 07/20/99	
26A	»EPIC	0.544	LAA	9	0	92	93	92	92	0	
27A	»HARNESS EXTRA	3.15	LAA	9	0	88	83	92	90	0	
28A	»BICEP II MAGNU	2.88	LAA	9	0	73	55	63	82	0	
					LSD (0.05)	0.00	5.71	7.27	4.33	3.65	0.00
					STANDARD DEVIATION	0.00	2.86	3.63	2.17	1.83	0.00

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LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 29.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		SETFA	AMBTR	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %
			TM	07/20/99	07/20/99	07/20/99	07/20/99
1A	FULTIME 4SC	2.75	LAA 9	90	53	75	99
2A	FULTIME 4SC	3.30	LAA 9	92	60	77	99
3A	CHECK	0.00	NA 0	0	0	0	0
4A	FULTIME 4SC	2.75	LAA 9	96	94	99	99
	B>>BALANCE 75WG	0.094	LAA 9				
5A	FULTIME 4SC	3.25	LAA 9	92	85	99	99
	B>>BALANCE 75WG	0.047	LAA 9				
6A	FULTIME 4SC	3.25	LAA 9	95	90	99	99
	B>>BALANCE 75WG	0.07	LAA 9				
7A	FULTIME 4SC	3.25	LAA 9	95	85	99	99
	B>>BALANCE 75WG	0.094	LAA 9				
8A	TOPNOTCH	1.60	LAA 9	95	83	99	99
	B>>BALANCE 75WG	0.094	LAA 9				
9A	TOPNOTCH	2.00	LAA 9	90	85	99	99
	B>>BALANCE 75WG	0.094	LAA 9				
10A	BALANCE 75WG	0.094	LAA 9	92	88	99	99
	B HARNESS (7EC)	1.00	LAA 9				
11A	AXIOM	0.36	LAA 9	92	90	99	99
	B>>BALANCE 75WG	0.125	LAA 9				
12A	FULTIME 4SC	3.30	LAA 9	90	77	99	99
	B>>HORNET 85.6WG	0.176	LAA 9				
13A	BALANCE 75WG	0.094	LAA 9	90	87	99	99
	B>>BICEP II MAGNU	1.44	LAA 9				
14A	BALANCE 75WG	0.094	LAA 9	90	90	99	99
	B>>HARNESS EXTRA	1.75	LAA 9				
15A	BALANCE 75WG	0.094	LAA 9	90	88	99	99
	B>>DUAL II MAGNUM	1.20	LAA 9				
16A	BALANCE 75WG	0.094	LAA 9	80	93	99	99
	B ATRAZINE DF	1.50	LAA 9				
17A	BALANCE 75WG	0.094	LAA 9	95	94	99	99
	B SURPASS 6.4	1.20	LAA 9				
18A	BALANCE 75WG	0.094	LAA 9	90	88	99	99
	B>>LEADOFF	1.20	LAA 9				
19A	EXP318009B	0.094	LAA 9	80	85	99	99
	B ATRAZINE DF	1.50	LAA 9				
20A	EXP318009B	0.094	LAA 9	95	96	99	99
	B>>BICEP II MAGNU	1.44	LAA 9				
21A	EXP318009B	0.094	LAA 9	93	85	99	99
	B>>HARNESS EXTRA	1.75	LAA 9				
22A	FULTIME 4SC	3.25	LAA 9	93	92	99	99
	B>>EXP318009B	0.094	LAA 9				
23A	EXP318009B	0.118	LAA 9	47	42	99	99
24A	BALANCE 75WG	0.118	LAA 9	75	93	99	99
25A	FRONTIER 6.0EC	1.41	LAA 9	90	23	63	80

TITLE: PRE WEED CONTROL/W/BALANCE/CORN SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL
		RATE	UNIT	TM	CON % 07/20/99	CON % 07/20/99	CON % 07/20/99	CON % 07/20/99
26A	»EPIC	0.544	LAA	9	93	98	99	99
27A	»HARNESS EXTRA	3.15	LAA	9	88	37	83	99
28A	»BICEP II MAGNU	2.88	LAA	9	83	65	78	99
			LSD (0.05)		5.00	8.16	4.82	1.54
			STANDARD DEVIATION		2.49	4.08	2.41	0.772

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/04/1999(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/07/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/07/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/07/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/20/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/20/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	07/20/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/20/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/20/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 3489