

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV. CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 38 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/29/02	06/20/02	AME
AIR TEMPERATURE	74	85	F
% REL. HUMIDITY	60	70	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	2.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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	42.00	42.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/13	
PIONEER 93B67		6.00/6.00	IN
05/29/2002			
*** PEST ***			
WATERHEMP, COMMO		---/15	
		2.00/4.00	IN
LAMBSQUARTERS, C		---/19	
		1.00/3.00	IN
FOXTAIL, GIANT		---/12	
		3.00/5.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Sequential Systems in RRSoy WHemp BT 800

CREATED: 05/30/2002 REVISED: 09/20/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: BT 800 EAST END

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 38.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	CHEAL	SETFA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 07/18/02	CON % 07/18/02
1A	GAUNTLET	0.00	LAA	0	8	99	99	90	0	96
B	FIRSTRATE 84WG	0.032	LAA	9						
C	AUTHORITY	0.25	LAA	9						
D	PENDIMAX 3.3L	1.24	LAA	9						
2A	PYTHON 80WG	0.05	LAA	9	3	94	99	87	0	94
B	PENDIMAX 3.3L	1.24	LAA	9						
3A	FIRSTRATE 84WG	0.021	LAA	9	0	87	99	93	0	95
B	PYTHON 80WG	0.025	LAA	9						
C	PENDIMAX 3.3L	1.24	LAA	9						
4A	COMMAND XTRA	0.00	LAA	0	5	96	99	96	0	96
B	COMMAND 3ME	0.60	LAA	9						
C	SPARTAN 4L	0.30	LAA	9						
5A	PENDIMAX 3.3L	1.24	LAA	9	8	99	97	80	5	99
B	FIRSTRATE 84WG	0.016	LAA	12						
C	FLEXSTAR 1.88M	0.18	LAA	12						
D	SELECT (2EC)	0.094	LAA	12						
E	ACTIVATOR 90	0.125	PMV	12						
F	28% UAN	2.50	PMV	12						
6A	PYTHON 80WG	0.05	LAA	9	5	90	99	87	7	96
B	PENDIMAX 3.3L	1.24	LAA	9						
C	FIRSTRATE 84WG	0.016	LAA	12						
D	SELECT (2EC)	0.094	LAA	12						
E	ACTIVATOR 90	0.125	PMV	12						
F	28% UAN	2.50	PMV	12						
7A	PROWL 3.3EC	1.24	LAA	9	13	98	99	93	27	99
B	RAPTOR 1AS	0.031	LAA	12						
C	ULTRA BLAZER	0.188	LAA	12						
D	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
8A	VALOR 51WDG	0.063	LAA	9	30	99	99	96	18	99
B	PHOENIX 2EC	0.156	LAA	12						
C	SELECT (2EC)	0.125	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	28% UAN	2.50	PMV	12						
9A	AUTHORITY	0.188	LAA	9	10	96	95	87	5	91
B	CLASSIC 25WG	0.008	LAA	12						
C	ASSURE II (0.8	0.034	LAA	12						
D	ACTIVATOR 90	0.125	PMV	12						
10A	PURSUIT DG (70	0.063	LAA	9	0	93	83	88	18	95
B	ULTRA BLAZER	0.25	LAA	12						
C	POAST + 1EC	0.20	LAA	12						
D	COC	1.00	PMV	12						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	BOUNDARY 6.5EC	1.22	LAA	9	5	99	96	97	15	99
B	FLEXSTAR 1.88M	0.294	LAA	12						
C	FUSION	0.167	LAA	12						
D	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
13A	BOUNDARY 6.5EC	1.63	LAA	9	5	99	97	96	15	99
B	FLEXSTAR 1.88M	0.294	LAA	12						
C	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						

DATA MEAN

TITLE: Sequential Systems in RRSoy WHemp BT 800

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	CHEAL	SETFA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 07/18/02	CON % 07/18/02
14A	»DOMAIN 60DF	0.375	LAA	9	5	95	77	93	3	95
	B»RAPTOR 1AS	0.031	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
15A	»DOMAIN 60DF	0.375	LAA	9	7	91	75	92	27	99
	B SELECT (2EC)	0.094	LAA	12						
	C COBRA 2EC	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A	»FIRSTRATE 84WG	0.016	LAA	12	0				7	98
	B»FLEXSTAR 1.88M	0.18	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	»FIRSTRATE 84WG	0.016	LAA	12	0				13	99
	B»PHOENIX 2EC	0.125	LAA	12						
	C SELECT (2EC)	0.094	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	»FLEXSTAR 1.88M	0.294	LAA	12	0				15	97
	B FUSION	0.21	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
19A	SELECT (2EC)	0.094	LAA	12	0				27	97
	B COBRA 2EC	0.125	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
20A	»RAPTOR 1AS	0.039	LAA	12	0				2	23
	B»MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
21A	»RAPTOR 1AS	0.031	LAA	12	0				23	97
	B»ULTRA BLAZER	0.188	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
22A	»FLEXSTAR 1.88M	0.19	LAA	12	0				5	90
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C SELECT (2EC)	0.125	LAA	12						
	D»COC	0.63	PMV	12						
	E»LIQUID AMS	3.67	PMV	12						
23A	»FIRSTRATE 84WG	0.016	LAA	12	0				0	27
	B»COC	0.63	PMV	12						
	C»LIQUID AMS	3.67	PMV	12						
	D SELECT (2EC)	0.125	LAA	13						
	E»COC	1.25	PMV	13						
24A	»FLEXSTAR 1.88M	0.19	LAA	12	0				7	99
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
	E SELECT (2EC)	0.125	LAA	13						
	F»COC	1.25	PMV	13						
		LSD (0.05)			6.29	5.66	6.88	5.64	8.66	5.18
		STANDARD DEVIATION			3.15	2.83	3.44	2.82	4.33	2.59

DATA MEAN

TITLE: Sequential Systems in RRSoy WHemp BT 800

CREATED: 05/30/2002 REVISED: 09/20/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: BT 800 EAST END

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 38.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	SETFA
		RATE	UNIT	TM	CON % 07/18/02	CON % 07/18/02
1A	GAUNTLET	0.00	LAA	0	99	47
B	FIRSTRATE 84WG	0.032	LAA	9		
C	AUTHORITY	0.25	LAA	9		
D	PENDIMAX 3.3L	1.24	LAA	9		
2A	PYTHON 80WG	0.05	LAA	9	98	57
B	PENDIMAX 3.3L	1.24	LAA	9		
3A	FIRSTRATE 84WG	0.021	LAA	9	99	47
B	PYTHON 80WG	0.025	LAA	9		
C	PENDIMAX 3.3L	1.24	LAA	9		
4A	COMMAND XTRA	0.00	LAA	0	99	83
B	COMMAND 3ME	0.60	LAA	9		
C	SPARTAN 4L	0.30	LAA	9		
5A	PENDIMAX 3.3L	1.24	LAA	9	99	83
B	FIRSTRATE 84WG	0.016	LAA	12		
C	FLEXSTAR 1.88M	0.18	LAA	12		
D	SELECT (2EC)	0.094	LAA	12		
E	ACTIVATOR 90	0.125	PMV	12		
F	28% UAN	2.50	PMV	12		
6A	PYTHON 80WG	0.05	LAA	9	99	82
B	PENDIMAX 3.3L	1.24	LAA	9		
C	FIRSTRATE 84WG	0.016	LAA	12		
D	SELECT (2EC)	0.094	LAA	12		
E	ACTIVATOR 90	0.125	PMV	12		
F	28% UAN	2.50	PMV	12		
7A	PROWL 3.3EC	1.24	LAA	9	99	90
B	RAPTOR 1AS	0.031	LAA	12		
C	ULTRA BLAZER	0.188	LAA	12		
D	MISO	1.00	PMV	12		
E	28% UAN	2.50	PMV	12		
8A	VALOR 51WDG	0.063	LAA	9	83	97
B	PHOENIX 2EC	0.156	LAA	12		
C	SELECT (2EC)	0.125	LAA	12		
D	ACTIVATOR 90	0.25	PMV	12		
E	28% UAN	2.50	PMV	12		
9A	AUTHORITY	0.188	LAA	9	99	92
B	CLASSIC 25WG	0.008	LAA	12		
C	ASSURE II (0.8	0.034	LAA	12		
D	ACTIVATOR 90	0.125	PMV	12		
10A	PURSUIT DG (70	0.063	LAA	9	88	93
B	ULTRA BLAZER	0.25	LAA	12		
C	POAST + 1EC	0.20	LAA	12		
D	COC	1.00	PMV	12		
11A	CHECK	0.00	NA	0	0	0
12A	BOUNDARY 6.5EC	1.22	LAA	9	98	95
B	FLEXSTAR 1.88M	0.294	LAA	12		
C	FUSION	0.167	LAA	12		
D	MISO	1.00	PMV	12		
E	28% UAN	2.50	PMV	12		
13A	BOUNDARY 6.5EC	1.63	LAA	9	98	90
B	FLEXSTAR 1.88M	0.294	LAA	12		
C	MISO	1.00	PMV	12		
D	28% UAN	2.50	PMV	12		

DATA MEAN

TITLE: Sequential Systems in RRSoy WHemp BT 800

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	SETFA
		RATE	UNIT		CON % 07/18/02	CON % 07/18/02
14A	»DOMAIN 60DF	0.375	LAA	9	99	98
	B»RAPTOR 1AS	0.031	LAA	12		
	C»MSO	1.00	PMV	12		
	D 28% UAN	2.50	PMV	12		
15A	»DOMAIN 60DF	0.375	LAA	9	88	98
	B SELECT (2EC)	0.094	LAA	12		
	C COBRA 2EC	0.094	LAA	12		
	D»COC	1.00	PMV	12		
	E 28% UAN	2.50	PMV	12		
16A	»FIRSTRATE 84WG	0.016	LAA	12	77	92
	B»FLEXSTAR 1.88M	0.18	LAA	12		
	C SELECT (2EC)	0.094	LAA	12		
	D»ACTIVATOR 90	0.125	PMV	12		
	E 28% UAN	2.50	PMV	12		
17A	»FIRSTRATE 84WG	0.016	LAA	12	67	96
	B»PHOENIX 2EC	0.125	LAA	12		
	C SELECT (2EC)	0.094	LAA	12		
	D»ACTIVATOR 90	0.125	PMV	12		
	E 28% UAN	2.50	PMV	12		
18A	»FLEXSTAR 1.88M	0.294	LAA	12	78	96
	B FUSION	0.21	LAA	12		
	C»MSO	1.00	PMV	12		
	D 28% UAN	2.50	PMV	12		
19A	SELECT (2EC)	0.094	LAA	12	60	97
	B COBRA 2EC	0.125	LAA	12		
	C»COC	1.00	PMV	12		
	D 28% UAN	2.50	PMV	12		
20A	»RAPTOR 1AS	0.039	LAA	12	99	98
	B»MSO	1.00	PMV	12		
	C 28% UAN	2.50	PMV	12		
21A	»RAPTOR 1AS	0.031	LAA	12	98	94
	B»ULTRA BLAZER	0.188	LAA	12		
	C»MSO	1.00	PMV	12		
	D 28% UAN	2.50	PMV	12		
22A	»FLEXSTAR 1.88M	0.19	LAA	12	70	96
	B»FIRSTRATE 84WG	0.016	LAA	12		
	C SELECT (2EC)	0.125	LAA	12		
	D»COC	0.63	PMV	12		
	E»LIQUID AMS	3.67	PMV	12		
23A	»FIRSTRATE 84WG	0.016	LAA	12	37	93
	B»COC	0.63	PMV	12		
	C»LIQUID AMS	3.67	PMV	12		
	D SELECT (2EC)	0.125	LAA	13		
	E»COC	1.25	PMV	13		
24A	»FLEXSTAR 1.88M	0.19	LAA	12	95	97
	B»FIRSTRATE 84WG	0.016	LAA	12		
	C»COC	0.63	PMV	12		
	D»LIQUID AMS	3.67	PMV	12		
	E SELECT (2EC)	0.125	LAA	13		
	F»COC	1.25	PMV	13		
		LSD (0.05)			8.70	10.33
		STANDARD DEVIATION			4.35	5.16

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/29/2002 (1)
12 = ----- / POST 06/20/2002 (2)
13 = ----- / LPOST

DATA MEAN

TITLE: Sequential Systems in RRSoy WHemp BT 800

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	GLXMA	CON %	06/20/2002	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMATA	CON %	06/20/2002	02	P	AMATA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/20/2002	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	SETFA	CON %	06/20/2002	04	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	07/18/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	07/18/2002	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CHEAL	CON %	07/18/2002	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/18/2002	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67

* STAGE CODE

12 = 2 LEAVES UNFOLDED

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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