

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/01/01	05/15/01	05/29/01	AME
AIR TEMPERATURE	82	80	77	F
% REL.HUMIDITY	35	60	38	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	NORTH	
WIND SPEED	12.0	10.0	4.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	PARTCLDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
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	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
RAGWEED, GIANT	NA/01 0.00/0.00	HGH/12 1.00/3.00	HGH/15 1.00/4.00	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	MED/12 0.50/0.50	MED/14 2.00/2.00	IN
CORN, DENT SYNGENTA N4640BT 04/28/2001	NA/01 0.00/0.00	NA/12 3.00/3.00	NA/15 5.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST
 11 = ----- / EPOST

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 12 = 2 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

CREATED: 04/13/2001 REVISED: 01/14/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DEKALB

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE			ZEAMD CON %	SETFA CON %	AMBTR CON %	ZEAMD CON %	SETFA CON %	AMBTR CON %
		RATE	UNIT	TM						
1A	FULTIME 4SC	3.50	LAA	9				0	89	68
2A	FULTIME 4SC	3.50	LAA	9				0	93	77
	B>HORNET 68.5WG	0.171	LAA	9						
3A	LEADOFF	1.25	LAA	9				0	76	27
	B>BASIS GOLD 90D	0.78	LAA	11						
	C CLARITY	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	4.00	PMV	11						
4A	CHECK	0.00	NA	0				0	0	0
5A	DEFINE 60DF	0.60	LAA	9				0	87	55
	B>BALANCE PRO 4S	0.094	LAA	9						
6A	DUAL II MAGNUM	1.59	LAA	9				0	85	57
	B>CALLISTO 4SC	0.188	LAA	9						
7A	DUAL II MAGNUM	1.59	LAA	9				0	75	7
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
8A	DUAL II MAGNUM	1.59	LAA	9				0	83	25
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	1.59	LAA	9				0	80	13
	B ATRAZINE DF	1.00	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	OUTLOOK 6EC	0.94	LAA	9				0	83	22
	B CLARITY	0.25	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	OUTLOOK 6EC	0.94	LAA	9				0	75	13
	B>DISTINCT 70WG	0.175	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	1.50	PMV	11						
12A	TOPNOTCH (3.2C	2.00	LAA	9				0	95	18
	B>HORNET 68.5WG	0.128	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	5.00	PMV	11						
13A	OUTLOOK 6EC	0.94	LAA	9	0	99	0	0	94	90
	B MARKSMAN SC	1.40	LAA	10						
	C>LIQUID AMS	3.00	PMV	10						
14A	DUAL II MAGNUM	1.59	LAA	9				0	75	13
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A	DUAL II MAGNUM	1.59	LAA	9				0	82	13
	B>SPIRIT 57WG	0.036	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
16A	DEFINE 60DF	0.60	LAA	9				0	88	13
	B BUCTRIL+ATRA	1.13	LAA	11						
	C>COC	1.00	PMV	11						

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ZEAMD	SETFA	AMBTR
		RATE	UNIT		CON % 05/15/01	CON % 05/15/01	CON % 05/15/01	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01
17A	HARNES (7EC)	2.00	LAA	9				0	92	33
	B»MON12075 67.5W	0.336	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
18A	TOPNOTCH (3.2C)	2.00	LAA	9				0	96	30
	B»HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
19A	TOPNOTCH (3.2C)	2.00	LAA	9				0	98	33
	B»HORNET 68.5WG	0.128	LAA	11						
	C CLARITY	0.125	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
20A	TOPNOTCH (3.2C)	2.00	LAA	9				0	98	37
	B»HORNET 68.5WG	0.128	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			0.00	0.00	0.00	0.00	16.40	19.47
		STANDARD DEVIATION			0.00	0.00	0.00	0.00	8.11	9.63

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

CREATED: 04/13/2001 REVISED: 01/14/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DEKALB

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			ZEAMD CON % 06/04/01	ZEAMD CON % 06/13/01	SETFA CON % 06/13/01	AMBTR CON % 06/13/01	ZEAMD CON % 06/28/01	SETFA CON % 06/28/01
		RATE	UNIT	TM						
1A	FULTIME 4SC	3.50	LAA	9	0	0	95	52	0	88
2A	FULTIME 4SC	3.50	LAA	9	0	0	98	75	0	93
	B>HORNET 68.5WG	0.171	LAA	9						
3A	LEADOFF	1.25	LAA	9	10	0	99	98	0	94
	B>BASIS GOLD 90D	0.78	LAA	11						
	C CLARITY	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	4.00	PMV	11						
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A	DEFINE 60DF	0.60	LAA	9	3	0	94	43	0	95
	B>BALANCE PRO 4S	0.094	LAA	9						
6A	DUAL II MAGNUM	1.59	LAA	9	0	0	72	47	0	88
	B>CALLISTO 4SC	0.188	LAA	9						
7A	DUAL II MAGNUM	1.59	LAA	9	0	0	78	82	0	66
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
8A	DUAL II MAGNUM	1.59	LAA	9	2	0	94	98	0	88
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	1.59	LAA	9	0	0	90	68	0	91
	B ATRAZINE DF	1.00	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	OUTLOOK 6EC	0.94	LAA	9	7	0	88	93	0	80
	B CLARITY	0.25	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	OUTLOOK 6EC	0.94	LAA	9	7	0	96	96	0	83
	B>DISTINCT 70WG	0.175	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	1.50	PMV	11						
12A	TOPNOTCH (3.2C	2.00	LAA	9	7	0	93	93	0	88
	B>HORNET 68.5WG	0.128	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	5.00	PMV	11						
13A	OUTLOOK 6EC	0.94	LAA	9	0	0	97	97	0	92
	B MARKSMAN SC	1.40	LAA	10						
	C>LIQUID AMS	3.00	PMV	10						
14A	DUAL II MAGNUM	1.59	LAA	9	5	0	99	98	0	90
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A	DUAL II MAGNUM	1.59	LAA	9	0	0	99	98	0	92
	B>SPIRIT 57WG	0.036	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
16A	DEFINE 60DF	0.60	LAA	9	17	0	99	99	0	88
	B BUCTRIL+ATRA	1.13	LAA	11						
	C>COC	1.00	PMV	11						

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMD	SETFA	AMBTR	ZEAMD	SETFA
		RATE	UNIT		CON % 06/04/01	CON % 06/13/01	CON % 06/13/01	CON % 06/13/01	CON % 06/28/01	CON % 06/28/01
17A	HARNES (7EC)	2.00	LAA	9	5	0	96	98	0	91
	B»MON12075 67.5W	0.336	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
18A	TOPNOTCH (3.2C)	2.00	LAA	9	7	0	99	99	0	97
	B»HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
19A	TOPNOTCH (3.2C)	2.00	LAA	9	3	0	99	97	0	92
	B»HORNET 68.5WG	0.128	LAA	11						
	C CLARITY	0.125	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
20A	TOPNOTCH (3.2C)	2.00	LAA	9	2	0	98	98	0	94
	B»HORNET 68.5WG	0.128	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			5.74	0.00	7.60	11.21	0.00	10.86
		STANDARD DEVIATION			2.84	0.00	3.76	5.55	0.00	5.37

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

CREATED: 04/13/2001 REVISED: 01/14/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DEKALB

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE	AMBTR		
NUM	COMPONENT	RATE	UNIT	TM	CON %
					06/28/01
1A	FULTIME 4SC	3.50	LAA	9	38
2A	FULTIME 4SC	3.50	LAA	9	85
	B»HORNET 68.5WG	0.171	LAA	9	
3A	LEADOFF	1.25	LAA	9	92
	B»BASIS GOLD 90D	0.78	LAA	11	
	C CLARITY	0.25	LAA	11	
	D»COC	1.00	PMV	11	
	E 28% UAN	4.00	PMV	11	
4A	CHECK	0.00	NA	0	0
5A	DEFINE 60DF	0.60	LAA	9	60
	B»BALANCE PRO 4S	0.094	LAA	9	
6A	DUAL II MAGNUM	1.59	LAA	9	53
	B»CALLISTO 4SC	0.188	LAA	9	
7A	DUAL II MAGNUM	1.59	LAA	9	83
	B»CALLISTO 4SC	0.094	LAA	11	
	C»COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
8A	DUAL II MAGNUM	1.59	LAA	9	88
	B»CALLISTO 4SC	0.094	LAA	11	
	C ATRAZINE DF	0.25	LAA	11	
	D»COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
9A	DUAL II MAGNUM	1.59	LAA	9	72
	B ATRAZINE DF	1.00	LAA	11	
	C»COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
10A	OUTLOOK 6EC	0.94	LAA	9	78
	B CLARITY	0.25	LAA	11	
	C»COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
11A	OUTLOOK 6EC	0.94	LAA	9	81
	B»DISTINCT 70WG	0.175	LAA	11	
	C»ACTIVATOR 90	0.25	PMV	11	
	D»LIQUID AMS	1.50	PMV	11	
12A	TOPNOTCH (3.2C	2.00	LAA	9	87
	B»HORNET 68.5WG	0.128	LAA	11	
	C»ACTIVATOR 90	0.25	PMV	11	
	D»LIQUID AMS	5.00	PMV	11	
13A	OUTLOOK 6EC	0.94	LAA	9	85
	B MARKSMAN SC	1.40	LAA	10	
	C»LIQUID AMS	3.00	PMV	10	
14A	DUAL II MAGNUM	1.59	LAA	9	91
	B»NORTHSTAR 47.4	0.148	LAA	11	
	C»COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
15A	DUAL II MAGNUM	1.59	LAA	9	92
	B»SPIRIT 57WG	0.036	LAA	11	
	C»COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
16A	DEFINE 60DF	0.60	LAA	9	88
	B BUCTRIL+ATRA	1.13	LAA	11	
	C»COC	1.00	PMV	11	

DATA MEAN

TITLE: Giant Ragweed Control Systems in Field Corn - SW 600

TRT	TREATMENT	DOSAGE		AMBTR
NUM	COMPONENT	RATE	UNIT	CON %
				TM 06/28/01
17A	HARNES (7EC)	2.00	LAA 9	90
	B»MON12075 67.5W	0.336	LAA 11	
	C»ACTIVATOR 90	0.25	PMV 11	
	D»LIQUID AMS	2.50	PMV 11	
18A	TOPNOTCH (3.2C)	2.00	LAA 9	92
	B»HORNET 68.5WG	0.128	LAA 11	
	C ATRAZINE DF	1.00	LAA 11	
	D»COC	1.00	PMV 11	
	E»LIQUID AMS	5.00	PMV 11	
19A	TOPNOTCH (3.2C)	2.00	LAA 9	90
	B»HORNET 68.5WG	0.128	LAA 11	
	C CLARITY	0.125	LAA 11	
	D»ACTIVATOR 90	0.25	PMV 11	
	E»LIQUID AMS	5.00	PMV 11	
20A	TOPNOTCH (3.2C)	2.00	LAA 9	90
	B»HORNET 68.5WG	0.128	LAA 11	
	C»DISTINCT 70WG	0.088	LAA 11	
	D»ACTIVATOR 90	0.25	PMV 11	
	E»LIQUID AMS	5.00	PMV 11	
LSD (0.05)				12.49
STANDARD DEVIATION				6.18

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/01/2001(1)
 10 = ----- / VEPOST 05/15/2001(2)
 11 = ----- / EPOST 05/29/2001(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	05/15/2001	01	P	ZEAMD	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/15/2001	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBTR	CON %	05/15/2001	03	P	AMBTR	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	05/29/2001	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	05/29/2001	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMBTR	CON %	05/29/2001	03	P	AMBTR	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ZEAMD	CON %	06/04/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ZEAMD	CON %	06/13/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	SETFA	CON %	06/13/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMBTR	CON %	06/13/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ZEAMD	CON %	06/28/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	SETFA	CON %	06/28/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	AMBTR	CON %	06/28/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = SYNGENTA N4640BT LL

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED