

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: NA - NONE
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/02/00	05/16/00	05/30/00	AME
AIR TEMPERATURE	68	74	88	F
% REL.HUMIDITY	45	60	65	
WIND DIRECTION	SOUTHWEST	SOUTH	SOUTHEAST	
WIND SPEED	7.0	2.0	9.0	M/H
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT		---	---	
DEN/ STG/ MINMAXSZ				
*** CROP *** CORN, DENT PIONEER 34B23 04/30/2000		HGH/13 3.50/3.50	HGH/15 5.00/5.00	IN
*** PEST *** VELVETLEAF		MED/10 0.35/0.35	MED/13 2.00/2.00	IN
RAGWEED, GIANT		MED/14 2.00/2.00	MED/16 4.00/4.00	IN
LAMBSQUARTERS, C		MED/11 0.25/0.25	MED/14 2.00/2.00	IN
FOXTAIL, GIANT		MED/12 0.35/0.35	---/13 2.50/2.50	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600
CREATED: 04/24/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD
		RATE	UNIT		05/30/00	05/30/00	05/30/00	05/30/00	05/30/00	06/19/00
1A	OUTLOOK 6EC	0.84	LAA	9	5	96	70	96	83	0
	B MARKSMAN SC	1.40	LAA	10						
	C 28% UAN	2.50	LAA	10						
2A	OUTLOOK 6EC	0.84	LAA	9	2	96	78	93	82	0
	B CLARITY	0.50	LAA	10						
	C 28% UAN	2.50	LAA	10						
3A	DUAL II MAGNUM	1.59	LAA	9	0	99	30	53	20	6
	B NORTHSTAR 47.4	0.148	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
4A	DUAL II MAGNUM	1.59	LAA	9	2	98	57	17	7	0
	B SPIRIT 57WG	0.036	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	FULTIME 4SC	3.00	LAA	9	0	99	75	99	73	0
	B ZA1296 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
7A	TOPNOTCH (3.2C	2.00	LAA	9	0	98	65	76	20	0
	B ZA1296 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
8A	TOPNOTCH (3.2C	2.00	LAA	9	2	99	37	90	20	0
	B ZA1296 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	LAA	11						
9A	TOPNOTCH (3.2C	2.00	LAA	9	2	99	20	99	23	0
	B HORNET 68.5WG	0.128	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
10A	DEGREE 3.8SC	2.19	LAA	9	0	94	42	37	17	2
	B BUCTRIL+ATRA	0.75	LAA	11						
11A	OUTLOOK 6EC	0.84	LAA	9	2	99	30	47	33	2
	B DISTINCT 70WG	0.263	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
12A	OUTLOOK 6EC	0.56	LAA	9	2	99	20	33	20	3
	B CELEBRITY PLUS	0.21	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
13A	LEADOFF 5SE	0.94	LAA	9	0	99	72	99	7	0
	B BASIS GOLD 90D	0.79	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
14A	GUARDSMAN	0.94	LAA	9	2	99	7	93	47	5
	B CELEBRITY PLUS	0.21	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
15A	ACCENT 75WG	0.031	LAA	11						1
	B ZA1296 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D COC	1.25	PMV	11						
	E 28% UAN	2.50	LAA	11						

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600

TRT TREATMENT NUM COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD
	RATE	UNIT	TM	05/30/00	05/30/00	05/30/00	05/30/00	05/30/00	06/19/00
16A»HAND WEDED	0.00	NA	0	0	99	99	99	99	0
		LSD (0.05)		3.68	4.91	18.82	24.15	20.47	4.14
		STANDARD DEVIATION		1.80	2.40	9.19	11.79	10.00	2.00

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600
CREATED: 04/24/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD	SETFA
		RATE	UNIT		06/19/00	06/19/00	06/19/00	06/19/00	07/05/00	07/05/00
1A»	OUTLOOK 6EC	0.84	LAA	9	98	88	98	95	0	98
	B MARKSMAN SC	1.40	LAA	10						
	C 28% UAN	2.50	LAA	10						
2A»	OUTLOOK 6EC	0.84	LAA	9	95	86	99	96	0	93
	B CLARITY	0.50	LAA	10						
	C 28% UAN	2.50	LAA	10						
3A»	DUAL II MAGNUM	1.59	LAA	9	99	90	98	95	0	98
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
4A»	DUAL II MAGNUM	1.59	LAA	9	98	97	96	96	0	96
	B»SPIRIT 57WG	0.036	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	FULTIME 4SC	3.00	LAA	9	97	97	99	98	0	96
	B»ZA1296 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
7A	TOPNOTCH (3.2C	2.00	LAA	9	97	95	99	99	0	94
	B»ZA1296 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
8A	TOPNOTCH (3.2C	2.00	LAA	9	98	90	99	99	0	96
	B»ZA1296 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	LAA	11						
9A	TOPNOTCH (3.2C	2.00	LAA	9	99	82	99	90	0	96
	B»HORNET 68.5WG	0.128	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
10A»	DEGREE 3.8SC	2.19	LAA	9	97	93	99	96	0	92
	B BUCTRIL+ATRA	0.75	LAA	11						
11A»	OUTLOOK 6EC	0.84	LAA	9	98	93	99	93	0	96
	B»DISTINCT 70WG	0.263	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
12A»	OUTLOOK 6EC	0.56	LAA	9	99	92	99	94	0	97
	B»CELEBRITY PLUS	0.21	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
13A»	LEADOFF 5SE	0.94	LAA	9	99	83	99	90	0	98
	B»BASIS GOLD 90D	0.79	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	LAA	11						
14A»	GUARDSMAN	0.94	LAA	9	99	84	99	99	0	99
	B»CELEBRITY PLUS	0.21	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	LAA	11						
15A	ACCENT 75WG	0.031	LAA	11	98	95	99	99	0	98
	B»ZA1296 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.25	PMV	11						
	E 28% UAN	2.50	LAA	11						

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600

TRT TREATMENT NUM COMPONENT	DOSAGE			SETFA	AMBTR	CHEAL	ABUTH	ZEAMD	SETFA
	RATE	UNIT	TM	06/19/00	06/19/00	06/19/00	06/19/00	07/05/00	07/05/00
16A»HAND WEEDED	0.00	NA	0	99	99	99	99	0	99
		LSD (0.05)		2.88	9.86	1.18	7.46	0.00	3.13
		STANDARD DEVIATION		1.41	4.81	0.575	3.64	0.00	1.53

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600
CREATED: 04/24/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	ABUTH	YIELD
		RATE	UNIT		07/05/00	07/05/00	07/05/00	BU/A 10/17/00
1A	»OUTLOOK 6EC	0.84	LAA	9	85	97	94	170.1
	B MARKSMAN SC	1.40	LAA	10				
	C 28% UAN	2.50	LAA	10				
2A	»OUTLOOK 6EC	0.84	LAA	9	81	95	95	176.0
	B CLARITY	0.50	LAA	10				
	C 28% UAN	2.50	LAA	10				
3A	»DUAL II MAGNUM	1.59	LAA	9	95	98	96	168.8
	B»NORTHSTAR 47.4	0.148	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	LAA	11				
4A	»DUAL II MAGNUM	1.59	LAA	9	99	96	96	177.5
	B»SPIRIT 57WG	0.036	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	LAA	11				
5A	CHECK	0.00	NA	0	0	0	0	19.8
6A	»FULTIME 4SC	3.00	LAA	9	98	99	98	196.6
	B»ZA1296 4SC	0.094	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	LAA	11				
7A	TOPNOTCH (3.2C	2.00	LAA	9	94	99	98	193.9
	B»ZA1296 4SC	0.094	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	LAA	11				
8A	TOPNOTCH (3.2C	2.00	LAA	9	92	99	98	191.7
	B»ZA1296 4SC	0.094	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.50	LAA	11				
9A	TOPNOTCH (3.2C	2.00	LAA	9	90	99	98	178.5
	B»HORNET 68.5WG	0.128	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
10A	»DEGREE 3.8SC	2.19	LAA	9	91	98	93	169.7
	B BUCTRIL+ATRA	0.75	LAA	11				
11A	»OUTLOOK 6EC	0.84	LAA	9	94	94	94	167.9
	B»DISTINCT 70WG	0.263	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	LAA	11				
12A	»OUTLOOK 6EC	0.56	LAA	9	89	96	96	160.3
	B»CELEBRITY PLUS	0.21	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	LAA	11				
13A	»LEADOFF 5SE	0.94	LAA	9	85	99	92	167.3
	B»BASIS GOLD 90D	0.79	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	LAA	11				
14A	»GUARDSMAN	0.94	LAA	9	80	99	97	155.2
	B»CELEBRITY PLUS	0.21	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	LAA	11				
15A	ACCENT 75WG	0.031	LAA	11	94	99	98	177.9
	B»ZA1296 4SC	0.094	LAA	11				
	C ATRAZINE DF	0.25	LAA	11				
	D»COC	1.25	PMV	11				
	E 28% UAN	2.50	LAA	11				

TITLE: DCSEQSYS SEQUENTIAL WEED CONTROL PROGRAMS IN CORN SW-1600

TRT TREATMENT NUM COMPONENT	DOSAGE		AMBTR	CHEAL	ABUTH	YIELD	
	RATE	UNIT	TM 07/05/00	07/05/00	07/05/00	BU/A 10/17/00	
16A»HAND WEEDED	0.00	NA	0	99	99	99	154.7
		LSD (0.05)		8.00	2.30	3.62	21.79
		STANDARD DEVIATION		3.90	1.12	1.77	10.67

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/02/2000(1)
- 10 = ----- / VEPOST 05/16/2000(2)
- 11 = ----- / EPOST 05/30/2000(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		05/30/2000	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		05/30/2000	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR		05/30/2000	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		05/30/2000	04	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH		05/30/2000	05	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD		06/19/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA		06/19/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR		06/19/2000	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		06/19/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH		06/19/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD		07/05/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA		07/05/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR		07/05/2000	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL		07/05/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH		07/05/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/17/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34B23

* STAGE CODE

- 13 = 3 LEAVES UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5 LEAVES UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED