

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: NA - NONE
 %RESIDUE:
 PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/01/00	AME
AIR TEMPERATURE	74	F
% REL.HUMIDITY	95	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	9.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT		
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	HGH/15	
ASGROW RX 592RR	6.00/6.00	IN
04/30/2000		
*** PEST ***		
VELVETLEAF	MED/12	
	0.75/0.75	IN
RAGWEED, COMMON	MED/14	
	2.50/2.50	IN
RAGWEED, GIANT	HGH/13	
	2.50/2.50	IN
LAMBSQUARTERS, C	MED/12	
	0.50/0.50	IN
SMARTWEED, PENNS	MED/12	
	0.75/0.75	IN
FOXTAIL, GIANT	MED/12	
	0.75/0.75	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED

TITLE: DCWDSFT WEEDSOFT VALIDATIION IN RREADY CORN SW-900
CREATED: 04/24/2000 **REVISED:** 03/30/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	AMBEL	ABUTH	POLPY
		RATE	UNIT		06/19/00	06/19/00	06/19/00	06/19/00	06/19/00	06/19/00
1A»	GUARDSMAN	1.56	LAA	9	7	97	97	99	97	99
B	ACCENT 75WG	0.031	LAA	12						
C	BUCTRIL+ATRA	0.94	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
2A»	GUARDSMAN	1.56	LAA	9	0	88	88	99	92	95
B»	NORTHSTAR 47.4	0.148	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
3A»	GUARDSMAN	1.56	LAA	9	0	70	74	80	50	80
B	BEACON 75WG	0.0178	LAA	12						
C»	COC	1.00	PMV	12						
4A»	GUARDSMAN	1.56	LAA	9	0	99	99	99	99	99
B»	HAND WEDED	0.00	NA	0						
5A»	GUARDSMAN	1.56	LAA	9	0	73	75	80	50	80
B»	CULTIVATE	0.00	NA	0						
6A	CHECK	0.00	NA	9	0	0	0	0	0	0
7A»	GUARDSMAN	1.56	LAA	9	0	98	91	99	90	99
B»	CELEBRITY PLUS	0.21	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D	28% UAN	2.50	PMV	12						
8A»	GUARDSMAN	1.56	LAA	9	0	98	94	99	96	99
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
LSD (0.05)					1.23	12.41	13.43	17.70	10.60	18.00
STANDARD DEVIATION					0.591	6.00	6.46	8.51	5.09	8.68

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	ZEAMD	SETFA	AMBTR	AMBEL	ABUTH
		RATE	UNIT		06/19/00	07/06/00	07/06/00	07/06/00	07/06/00	07/06/00
1A»	GUARDSMAN	1.56	LAA	9	99	0	93	91	99	93
	B ACCENT 75WG	0.031	LAA	12						
	C BUCTRIL+ATRA	0.94	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
2A»	GUARDSMAN	1.56	LAA	9	99	0	84	88	99	95
	B»NORTHSTAR 47.4	0.148	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
3A»	GUARDSMAN	1.56	LAA	9	76	0	70	72	80	66
	B BEACON 75WG	0.0178	LAA	12						
	C»COC	1.00	PMV	12						
4A»	GUARDSMAN	1.56	LAA	9	99	0	99	99	99	99
	B»HAND WEEDED	0.00	NA	0						
5A»	GUARDSMAN	1.56	LAA	9	79	0	70	73	80	71
	B»CULTIVATE	0.00	NA	0						
6A	CHECK	0.00	NA	9	0	0	0	0	0	0
7A»	GUARDSMAN	1.56	LAA	9	99	0	91	85	99	95
	B»CELEBRITY PLUS	0.21	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A»	GUARDSMAN	1.56	LAA	9	99	0	94	86	99	94
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
		LSD (0.05)			16.23	0.00	10.00	12.25	17.71	8.42
		STANDARD DEVIATION			7.80	0.00	4.82	5.89	8.51	4.00

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 04

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	POLPY	CHEAL	YIELD
	RATE	UNIT		07/06/00	07/06/00	BU/A 10/14/00
1A>GUARDSMAN	1.56	LAA	9	99	99	176.5
B ACCENT 75WG	0.031	LAA	12			
C BUCTRIL+ATRA	0.94	LAA	12			
D>ACTIVATOR 90	0.25	PMV	12			
2A>GUARDSMAN	1.56	LAA	9	96	99	184.7
B>NORTHSTAR 47.4	0.148	LAA	12			
C>ACTIVATOR 90	0.25	PMV	12			
D 28% UAN	2.50	PMV	12			
3A>GUARDSMAN	1.56	LAA	9	69	70	177.2
B BEACON 75WG	0.0178	LAA	12			
C>COC	1.00	PMV	12			
4A>GUARDSMAN	1.56	LAA	9	99	99	184.4
B>HAND WEEDED	0.00	NA	0			
5A>GUARDSMAN	1.56	LAA	9	76	74	135.3
B>CULTIVATE	0.00	NA	0			
6A CHECK	0.00	NA	9	0	0	5.7
7A>GUARDSMAN	1.56	LAA	9	99	99	154.4
B>CELEBRITY PLUS	0.21	LAA	12			
C>ACTIVATOR 90	0.25	PMV	12			
D 28% UAN	2.50	PMV	12			
8A>GUARDSMAN	1.56	LAA	9	96	99	190.3
B ROUNDUP ULTRA	0.75	LAA	12			
C AM. SULFATE	8.50	PMG	12			
		LSD (0.05)		12.79	12.09	42.34
		STANDARD DEVIATION		6.15	5.81	20.36

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE
 12 = ----- / POST 06/01/2000(1)

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

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX 592RR