

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.0  
 %OM: 6.0  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE:  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/21/99	06/15/99	AME
AIR TEMPERATURE	72	70	F
% REL.HUMIDITY	54	45	
WIND DIRECTION	SOUTHWEST	NORTH	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	WET/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/12	
ASGROW 3701RR		4.00/4.00	IN
05/21/1999			
*** PEST ***			
VELVETLEAF		---/12	
		1.00/2.00	IN
RAGWEED, GIANT		---/13	
		1.00/4.00	IN
LAMBSQUARTERS, C		---/15	
		1.00/1.00	IN
FOXTAIL, GIANT		---/13	
		1.00/3.00	IN

\* TIMING CODES

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

\* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE  
 13 = 3 LEAVES UNFOLDED  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** SV53PROG V-53482 SEQUENTIAL PROGRAM IN RREADY SOYS  
**CREATED:** 04/15/1999 **REVISED:** 11/10/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** DEKALB **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR	ABUTH	CHEAL	GLXMA
		RATE	UNIT		CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/24/99
1A»	V-53482 50WP	0.094	LAA	9	3	77	50	82	98	10
	B»RAPTOR 1AS	0.032	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
2A»	V-53482 50WP	0.094	LAA	9	3	75	53	80	99	10
	B PURSUIT DG (70	0.063	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
3A»	V-53482 50WP	0.094	LAA	9	5	75	57	78	99	0
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A	PROWL 3.3EC	1.00	LAA	9	0	67	10	0	98	8
	B»RAPTOR 1AS	0.032	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
6A	PROWL 3.3EC	1.00	LAA	9	0	70	10	10	99	10
	B PURSUIT DG (70	0.063	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
7A	PROWL 3.3EC	1.00	LAA	9	0	73	0	0	99	0
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
8A»	V-53482 50WP	0.094	LAA	9	5	87	60	82	99	10
	B PROWL 3.3EC	1.00	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
9A»	V-53482 50WP	0.094	LAA	9	5	87	63	83	99	12
	B PROWL 3.3EC	1.00	LAA	9						
	C PURSUIT DG (70	0.063	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
10A»	V-53482 50WP	0.094	LAA	9	5	82	63	82	99	3
	B PROWL 3.3EC	1.00	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
11A»	V-53482 50WP	0.071	LAA	9	0	65	37	72	99	10
	B PROWL 3.3EC	0.75	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
12A»	V-53482 50WP	0.071	LAA	9	0	65	17	60	99	7
	B PROWL 3.3EC	0.75	LAA	9						
	C PURSUIT DG (70	0.063	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
13A»	V-53482 50WP	0.071	LAA	9	0	63	33	50	99	0
	B PROWL 3.3EC	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
14A»	V-53482 50WP	0.047	LAA	9	0	50	30	50	98	7
	B PROWL 3.3EC	0.50	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						

## TITLE: SV53PROG V-53482 SEQUENTIAL PROGRAM IN RREADY SOYS

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	AMBTR	ABUTH	CHEAL	GLXMA
		RATE	UNIT TM	CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/16/99	CON % 06/24/99
15A»	V-53482 50WP	0.047	LAA 9	0	57	30	47	96	7
	B PROWL 3.3EC	0.50	LAA 9						
	C PURSUIT DG (70	0.063	LAA 12						
	D»SUNIT II	1.00	PMV 12						
	E 28% UAN	1.25	PMV 12						
16A»	V-53482 50WP	0.047	LAA 9	0	60	10	53	99	0
	B PROWL 3.3EC	0.50	LAA 9						
	C ROUNDUP ULTRA	0.75	LAA 12						
	D AM. SULFATE	8.50	PMG 12						
17A»	HAND WEEDED	0.00	NA 0	0	99	99	99	99	0
18A»	RAPTOR 1AS	0.032	LAA 12	0	0	0	0	0	5
	B»SUNIT II	1.00	PMV 12						
	C 28% UAN	1.25	PMV 12						
19A	PURSUIT DG (70	0.063	LAA 12	0	0	0	0	0	5
	B»SUNIT II	1.00	PMV 12						
	C 28% UAN	1.25	PMV 12						
20A	ROUNDUP ULTRA	0.75	LAA 12	0	0	0	0	0	2
	B AM. SULFATE	8.50	PMG 12						
			LSD (0.05)	3.00	14.08	15.61	9.35	2.21	3.94
			STANDARD DEVIATION	1.50	7.00	7.72	4.63	1.10	1.95

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**PROJECT TYPE:** HERBICIDE  
**LOCATION:** DEKALB **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	ABUTH	CHEAL	GLXMA	SETFA
		RATE	UNIT		CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 07/12/99	CON % 07/12/99
1A»	V-53482 50WP	0.094	LAA	9	93	73	93	99	0	90
	B»RAPTOR 1AS	0.032	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
2A»	V-53482 50WP	0.094	LAA	9	88	75	96	99	3	83
	B PURSUIT DG (70	0.063	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
3A»	V-53482 50WP	0.094	LAA	9	97	93	99	99	0	88
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A	PROWL 3.3EC	1.00	LAA	9	92	60	83	92	2	92
	B»RAPTOR 1AS	0.032	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
6A	PROWL 3.3EC	1.00	LAA	9	82	73	85	92	0	87
	B PURSUIT DG (70	0.063	LAA	12						
	C»SUNIT II	1.00	PMV	12						
	D 28% UAN	1.25	PMV	12						
7A	PROWL 3.3EC	1.00	LAA	9	99	90	99	99	2	95
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
8A»	V-53482 50WP	0.094	LAA	9	98	72	96	99	2	92
	B PROWL 3.3EC	1.00	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
9A»	V-53482 50WP	0.094	LAA	9	98	80	98	99	2	93
	B PROWL 3.3EC	1.00	LAA	9						
	C PURSUIT DG (70	0.063	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
10A»	V-53482 50WP	0.094	LAA	9	99	95	99	99	0	92
	B PROWL 3.3EC	1.00	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
11A»	V-53482 50WP	0.071	LAA	9	93	77	88	96	4	93
	B PROWL 3.3EC	0.75	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
12A»	V-53482 50WP	0.071	LAA	9	92	73	85	99	0	92
	B PROWL 3.3EC	0.75	LAA	9						
	C PURSUIT DG (70	0.063	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						
13A»	V-53482 50WP	0.071	LAA	9	99	85	99	99	0	94
	B PROWL 3.3EC	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
14A»	V-53482 50WP	0.047	LAA	9	83	47	90	97	0	92
	B PROWL 3.3EC	0.50	LAA	9						
	C»RAPTOR 1AS	0.032	LAA	12						
	D»SUNIT II	1.00	PMV	12						
	E 28% UAN	1.25	PMV	12						

## TITLE: SV53PROG V-53482 SEQUENTIAL PROGRAM IN RREADY SOYS

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	GLXMA	SETFA	
		RATE	UNIT	TM	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 07/12/99	CON % 07/12/99	
15A»	V-53482 50WP	0.047	LAA	9	90	57	89	97	2	88	
	B PROWL 3.3EC	0.50	LAA	9							
	C PURSUIT DG (70	0.063	LAA	12							
	D»SUNIT II	1.00	PMV	12							
	E 28% UAN	1.25	PMV	12							
16A»	V-53482 50WP	0.047	LAA	9	98	88	98	99	0	92	
	B PROWL 3.3EC	0.50	LAA	9							
	C ROUNDUP ULTRA	0.75	LAA	12							
	D AM. SULFATE	8.50	PMG	12							
17A»	HAND WEEDED	0.00	NA	0	99	99	99	99	0	99	
18A»	RAPTOR 1AS	0.032	LAA	12	75	43	82	62	0	90	
	B»SUNIT II	1.00	PMV	12							
	C 28% UAN	1.25	PMV	12							
19A	PURSUIT DG (70	0.063	LAA	12	82	63	85	82	3	85	
	B»SUNIT II	1.00	PMV	12							
	C 28% UAN	1.25	PMV	12							
20A	ROUNDUP ULTRA	0.75	LAA	12	90	70	87	87	0	92	
	B AM. SULFATE	8.50	PMG	12							
					LSD (0.05)						
					7.49	12.15	6.57	8.43	2.55	5.58	
					STANDARD DEVIATION	3.71	6.00	3.25	4.17	1.26	2.76

**TITLE:** SV53PROG V-53482 SEQUENTIAL PROGRAM IN RREADY SOYS  
**CREATED:** 04/15/1999 **REVISED:** 11/10/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** DEKALB **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	ABUTH	CHEAL	YIELD
		RATE	UNIT		CON % 07/12/99	CON % 07/12/99	CON % 07/12/99	BU/A 10/12/99
1A»	V-53482 50WP	0.094	LAA	9	65	99	99	28.2
	B»RAPTOR 1AS	0.032	LAA	12				
	C»SUNIT II	1.00	PMV	12				
	D 28% UAN	1.25	PMV	12				
2A»	V-53482 50WP	0.094	LAA	9	72	97	99	25.0
	B PURSUIT DG (70	0.063	LAA	12				
	C»SUNIT II	1.00	PMV	12				
	D 28% UAN	1.25	PMV	12				
3A»	V-53482 50WP	0.094	LAA	9	85	96	96	37.5
	B ROUNDUP ULTRA	0.75	LAA	12				
	C AM. SULFATE	8.50	PMG	12				
4A	CHECK	0.00	NA	0	0	0	0	8.8
5A	PROWL 3.3EC	1.00	LAA	9	52	90	93	28.6
	B»RAPTOR 1AS	0.032	LAA	12				
	C»SUNIT II	1.00	PMV	12				
	D 28% UAN	1.25	PMV	12				
6A	PROWL 3.3EC	1.00	LAA	9	68	96	97	27.3
	B PURSUIT DG (70	0.063	LAA	12				
	C»SUNIT II	1.00	PMV	12				
	D 28% UAN	1.25	PMV	12				
7A	PROWL 3.3EC	1.00	LAA	9	78	96	99	35.1
	B ROUNDUP ULTRA	0.75	LAA	12				
	C AM. SULFATE	8.50	PMG	12				
8A»	V-53482 50WP	0.094	LAA	9	72	99	99	22.5
	B PROWL 3.3EC	1.00	LAA	9				
	C»RAPTOR 1AS	0.032	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				
9A»	V-53482 50WP	0.094	LAA	9	75	99	99	31.3
	B PROWL 3.3EC	1.00	LAA	9				
	C PURSUIT DG (70	0.063	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				
10A»	V-53482 50WP	0.094	LAA	9	85	95	99	29.4
	B PROWL 3.3EC	1.00	LAA	9				
	C ROUNDUP ULTRA	0.75	LAA	12				
	D AM. SULFATE	8.50	PMG	12				
11A»	V-53482 50WP	0.071	LAA	9	60	97	99	27.3
	B PROWL 3.3EC	0.75	LAA	9				
	C»RAPTOR 1AS	0.032	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				
12A»	V-53482 50WP	0.071	LAA	9	65	95	95	30.2
	B PROWL 3.3EC	0.75	LAA	9				
	C PURSUIT DG (70	0.063	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				
13A»	V-53482 50WP	0.071	LAA	9	82	96	99	39.0
	B PROWL 3.3EC	0.75	LAA	9				
	C ROUNDUP ULTRA	0.75	LAA	12				
	D AM. SULFATE	8.50	PMG	12				
14A»	V-53482 50WP	0.047	LAA	9	50	90	93	21.3
	B PROWL 3.3EC	0.50	LAA	9				
	C»RAPTOR 1AS	0.032	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				

TITLE: SV53PROG V-53482 SEQUENTIAL PROGRAM IN RREADY SOYS

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	DOSAGE UNIT	TM	AMBTR CON % 07/12/99	ABUTH CON % 07/12/99	CHEAL CON % 07/12/99	YIELD BU/A 10/12/99
15A»	V-53482 50WP	0.047	LAA	9	60	90	92	29.2
	B PROWL 3.3EC	0.50	LAA	9				
	C PURSUIT DG (70	0.063	LAA	12				
	D»SUNIT II	1.00	PMV	12				
	E 28% UAN	1.25	PMV	12				
16A»	V-53482 50WP	0.047	LAA	9	75	95	98	37.7
	B PROWL 3.3EC	0.50	LAA	9				
	C ROUNDUP ULTRA	0.75	LAA	12				
	D AM. SULFATE	8.50	PMG	12				
17A»	HAND WEEDED	0.00	NA	0	99	99	99	40.7
18A»	RAPTOR 1AS	0.032	LAA	12	50	87	87	16.8
	B»SUNIT II	1.00	PMV	12				
	C 28% UAN	1.25	PMV	12				
19A	PURSUIT DG (70	0.063	LAA	12	53	90	80	21.7
	B»SUNIT II	1.00	PMV	12				
	C 28% UAN	1.25	PMV	12				
20A	ROUNDUP ULTRA	0.75	LAA	12	77	87	90	35.6
	B AM. SULFATE	8.50	PMG	12				
	LSD (0.05)				8.75	5.47	5.50	10.14
	STANDARD DEVIATION				4.33	2.70	2.72	5.00

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
09 = ----- / PREEMERGENCE 05/21/1999(1)  
12 = ----- / POST 06/15/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	GLXMA	CON %	06/16/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/16/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/16/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/16/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/24/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/24/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/24/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/24/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/24/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/12/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/12/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/12/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/12/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/12/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/12/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3701RR