

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.8
PREV. CROP: ZEAMD - CORN, DENT
%RESIDUE:
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	06	09	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/11/99	05/21/99	06/17/99	AME
AIR TEMPERATURE	81	77	68	F
% REL. HUMIDITY	65	63	65	
WIND DIRECTION	SOUTH	SOUTH	NORTH	
WIND SPEED	7.0	7.0	6.0	M/H
CLOUD COVER	CLOUDY	CLEAR	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
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				
*** CROP ***				
SOYBEAN			---/12	
PIONEER 9363RR			5.00/5.00	IN
05/20/1999				
*** PEST ***				
LAMBSQUARTERS, C	---/16	---/NA	---/19	
	1.00/3.00	/	2.00/6.00	IN
MARESTAIL, COMMO	---/19	---/NA	---/19	
	3.00/6.00	/	6.00/12.0	IN
FOXTAIL, GIANT			---/13	
			2.00/4.00	IN
DANDELION, COMMO	---/19	---/NA	---/19	
	2.00/4.00	/	3.00/6.00	IN

* TIMING CODES

06 = ----- / EPP 7 DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
13 = 3 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300
CREATED: 05/06/1999 **REVISED:** 07/26/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	HPPVU	TAROF	CHEAL	GLXMA	SETFA	HPPVU
		RATE	UNIT		CON % 05/21/99	CON % 05/21/99	CON % 05/21/99	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99
1A	PYTHON 80WG	0.063	LAA	6	93	87	96	0	27	86
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
2A	FIRSTRATE 84WG	0.039	LAA	6	99	98	99	0	37	90
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
3A	ROUNDUP ULTRA	0.75	LAA	6	99	99	99	0	96	97
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.50	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
4A	ROUNDUP ULTRA	0.75	LAA	6	99	99	99	0	96	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.56	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
5A	ROUNDUP ULTRA	0.75	LAA	6	99	99	99	0	99	98
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.75	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	GRAMOXONE XTRA	0.625	LAA	6	83	77	92	0	80	68
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
8A	GRAMOXONE XTRA	0.78	LAA	6	85	83	87	0	84	89
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
9A	GRAMOXONE XTRA	0.625	LAA	6	98	99	92	3	92	74
	B CANOPY 75WG	0.094	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
10A	GRAMOXONE XTRA	0.625	LAA	6	99	99	99	0	97	98
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E»ACTIVATE PLUS	0.25	PMV	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
11A	TOUCHDOWN 5 (5	0.50	LAA	6	98	99	99	0	81	93
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	HPPVU	TAROF	CHEAL	GLXMA	SETFA	HPPVU
		RATE	UNIT		CON % 05/21/99	CON % 05/21/99	CON % 05/21/99	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99
12A	TOUCHDOWN 5 (5	0.75	LAA	6	99	99	99	0	78	96
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
13A	TOUCHDOWN 5 (5	1.00	LAA	6	99	99	99	0	82	97
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
14A	TOUCHDOWN 5 (5	0.75	LAA	6	96	96	99	0	94	95
	B CANOPY 75WG	0.094	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
15A	TOUCHDOWN 5 (5	0.75	LAA	6	99	99	99	3	92	98
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E AM. SULFATE	8.50	PMG	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
16A	CANOPY 75WG	0.094	LAA	6	90	92	90	0	88	71
	B SENCOR 75WG	0.094	LAA	6						
	C»COC	1.00	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
17A	ROUNDUP ULTRA	0.38	LAA	6	63	57	84	0	82	67
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A	ROUNDUP ULTRA	0.56	LAA	6	99	99	99	0	83	93
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
19A	ROUNDUP ULTRA	0.75	LAA	6	99	99	99	0	82	97
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
20A	TOUCHDOWN 5 (5	0.75	LAA	6	99	99	99	0	73	93
	B AM. SULFATE	8.50	PMG	6						
	C»TOUCHDOWN 5 (5	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
21A	ROUNDUP ULTRA	0.56	LAA	6	99	99	99	0	74	96
	B AM. SULFATE	8.50	PMG	6						
	C ROUNDUP ULTRA	0.56	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
22A	VALOR 50WG	0.063	LAA	6	99	99	99	0	85	97
	B ROUNDUP ULTRA	0.75	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.75	PMV	12						
	E AM. SULFATE	8.50	PMG	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE			HPPVU	TAROF	CHEAL	GLXMA	SETFA	HPPVU	
		RATE	UNIT	TM	CON % 05/21/99	CON % 05/21/99	CON % 05/21/99	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99	
23A	»VALOR 50WG	0.094	LAA	6	99	99	99	0	91	93	
	B ROUNDUP ULTRA	0.75	LAA	6							
	C AM. SULFATE	8.50	PMG	6							
	D ROUNDUP ULTRA	0.75	PMV	12							
	E AM. SULFATE	8.50	PMG	12							
24A	ROUNDUP ULTRA	0.75	LAA	6	99	99	99	0	77	96	
	B AM. SULFATE	8.50	PMG	6							
	C ROUNDUP ULTRA	0.75	PMV	12							
	D AM. SULFATE	8.50	PMG	12							
25A	»VALOR 50WG	0.063	LAA	6	95	97	99	0	87	83	
	B CLASSIC 25WG	0.032	LAA	6							
	C»COC	1.25	PMV	6							
	D SELECT (2EC)	0.125	LAA	12							
	E»COC	1.25	PMV	12							
26A	»VALOR 50WG	0.078	LAA	6	99	99	99	0	94	82	
	B CLASSIC 25WG	0.039	LAA	6							
	C»COC	1.25	PMV	6							
	D SELECT (2EC)	0.125	LAA	12							
	E»COC	1.25	PMV	12							
27A	»V-10070 37.5WG	0.094	LAA	6	93	96	98	0	94	81	
	B»COC	1.25	PMV	6							
	C SELECT (2EC)	0.125	LAA	12							
	D»COC	1.25	PMV	12							
28A	»V-10070 37.5WG	0.118	LAA	6	95	98	99	0	91	83	
	B»COC	1.25	PMV	6							
	C SELECT (2EC)	0.125	LAA	12							
	D»COC	1.25	PMV	12							
29A	»CANOPY XL 56.3	0.24	LAA	0	94	88	93	0	93	86	
	B»AUTHORITY	0.20	LAA	6							
	C CLASSIC 25WG	0.04	LAA	6							
	D»COC	1.25	PMV	6							
	E SELECT (2EC)	0.125	LAA	12							
	F»COC	1.25	PMV	12							
30A	»CANOPY XL 56.3	0.24	LAA	0	91	82	84	0	88	85	
	B»AUTHORITY	0.20	LAA	6							
	C CLASSIC 25WG	0.04	LAA	6							
	D»COC	1.25	PMV	6							
	E ROUNDUP ULTRA	0.56	LAA	12							
	F AM. SULFATE	8.50	PMG	12							
					LSD (0.05)	3.47	4.11	3.69	2.46	9.87	11.24
					STANDARD DEVIATION	1.74	2.05	1.84	1.23	4.93	5.62

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300
CREATED: 05/06/1999 **REVISED:** 07/26/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	TAROF	CHEAL	GLXMA	SETFA	HPPVU	TAROF
		RATE	UNIT		CON % 06/15/99	CON % 06/15/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99
1A	PYTHON 80WG	0.063	LAA	6	88	90	0	99	88	83
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
2A	FIRSTRATE 84WG	0.039	LAA	6	90	87	0	99	96	83
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
3A	ROUNDUP ULTRA	0.75	LAA	6	92	97	0	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.50	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
4A	ROUNDUP ULTRA	0.75	LAA	6	95	99	0	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.56	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
5A	ROUNDUP ULTRA	0.75	LAA	6	99	99	0	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.75	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	GRAMOXONE XTRA	0.625	LAA	6	68	87	15	99	91	88
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
8A	GRAMOXONE XTRA	0.78	LAA	6	88	86	12	99	83	77
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
9A	GRAMOXONE XTRA	0.625	LAA	6	77	87	15	99	89	88
	B CANOPY 75WG	0.094	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
10A	GRAMOXONE XTRA	0.625	LAA	6	99	99	22	99	98	96
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E»ACTIVATE PLUS	0.25	PMV	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
11A	TOUCHDOWN 5 (5	0.50	LAA	6	88	80	12	99	95	85
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	GLXMA	SETFA	HPPVU	TAROF
		RATE	UNIT		CON % 06/15/99	CON % 06/15/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99
12A	TOUCHDOWN 5 (5	0.75	LAA	6	89	87	10	99	98	94
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
13A	TOUCHDOWN 5 (5	1.00	LAA	6	93	94	13	99	99	98
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
14A	TOUCHDOWN 5 (5	0.75	LAA	6	92	95	20	99	98	96
	B CANOPY 75WG	0.094	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
15A	TOUCHDOWN 5 (5	0.75	LAA	6	93	98	23	99	99	99
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E AM. SULFATE	8.50	PMG	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
16A	CANOPY 75WG	0.094	LAA	6	75	88	13	99	62	60
	B SENCOR 75WG	0.094	LAA	6						
	C»COC	1.00	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
17A	ROUNDUP ULTRA	0.38	LAA	6	63	70	13	99	57	43
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A	ROUNDUP ULTRA	0.56	LAA	6	87	89	12	99	99	98
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
19A	ROUNDUP ULTRA	0.75	LAA	6	92	95	12	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
20A	TOUCHDOWN 5 (5	0.75	LAA	6	86	87	0	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C»TOUCHDOWN 5 (5	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
21A	ROUNDUP ULTRA	0.56	LAA	6	90	94	0	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C ROUNDUP ULTRA	0.56	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
22A	VALOR 50WG	0.063	LAA	6	94	98	0	99	99	99
	B ROUNDUP ULTRA	0.75	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.75	PMV	12						
	E AM. SULFATE	8.50	PMG	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	CHEAL	GLXMA	SETFA	HPPVU	TAROF	
		RATE	UNIT		CON % 06/15/99	CON % 06/15/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	
23A	»VALOR 50WG	0.094	LAA	6	93	95	0	99	99	99	
	B ROUNDUP ULTRA	0.75	LAA	6							
	C AM. SULFATE	8.50	PMG	6							
	D ROUNDUP ULTRA	0.75	PMV	12							
	E AM. SULFATE	8.50	PMG	12							
24A	ROUNDUP ULTRA	0.75	LAA	6	91	96	0	99	99	99	
	B AM. SULFATE	8.50	PMG	6							
	C ROUNDUP ULTRA	0.75	PMV	12							
	D AM. SULFATE	8.50	PMG	12							
25A	»VALOR 50WG	0.063	LAA	6	86	93	0	99	65	67	
	B CLASSIC 25WG	0.032	LAA	6							
	C»COC	1.25	PMV	6							
	D SELECT (2EC)	0.125	LAA	12							
	E»COC	1.25	PMV	12							
26A	»VALOR 50WG	0.078	LAA	6	86	93	0	99	73	75	
	B CLASSIC 25WG	0.039	LAA	6							
	C»COC	1.25	PMV	6							
	D SELECT (2EC)	0.125	LAA	12							
	E»COC	1.25	PMV	12							
27A	»V-10070 37.5WG	0.094	LAA	6	83	90	0	99	62	65	
	B»COC	1.25	PMV	6							
	C SELECT (2EC)	0.125	LAA	12							
	D»COC	1.25	PMV	12							
28A	»V-10070 37.5WG	0.118	LAA	6	87	91	0	99	60	67	
	B»COC	1.25	PMV	6							
	C SELECT (2EC)	0.125	LAA	12							
	D»COC	1.25	PMV	12							
29A	»CANOPY XL 56.3	0.24	LAA	0	87	91	0	99	68	67	
	B»AUTHORITY	0.20	LAA	6							
	C CLASSIC 25WG	0.04	LAA	6							
	D»COC	1.25	PMV	6							
	E SELECT (2EC)	0.125	LAA	12							
	F»COC	1.25	PMV	12							
30A	»CANOPY XL 56.3	0.24	LAA	0	87	79	0	99	97	94	
	B»AUTHORITY	0.20	LAA	6							
	C CLASSIC 25WG	0.04	LAA	6							
	D»COC	1.25	PMV	6							
	E ROUNDUP ULTRA	0.56	LAA	12							
	F AM. SULFATE	8.50	PMG	12							
					LSD (0.05)	7.74	7.61	4.83	0.00	8.00	8.61
					STANDARD DEVIATION	3.87	3.80	2.42	0.00	4.00	4.30

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300
CREATED: 05/06/1999 **REVISED:** 07/26/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	CHEAL	GLXMA	SETFA	HPPVU	TAROF	CHEAL
		RATE	UNIT		CON % 06/28/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99
1A	PYTHON 80WG	0.063	LAA	6	97	0	99	81	77	99
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
2A	FIRSTRATE 84WG	0.039	LAA	6	94	0	99	90	83	99
	B»2,4-D LVE	0.71	LAA	6						
	C»COC	1.00	PMV	6						
	D POAST + 1EC	0.19	LAA	12						
3A	ROUNDUP ULTRA	0.75	LAA	6	99	0	99	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.50	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
4A	ROUNDUP ULTRA	0.75	LAA	6	99	0	99	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.56	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
5A	ROUNDUP ULTRA	0.75	LAA	6	99	0	99	99	99	99
	B»2,4-D LVE	0.50	LAA	6						
	C COMMAND 3ME	0.75	LAA	9						
	D ROUNDUP ULTRA	0.56	LAA	12						
	E AM. SULFATE	8.50	PMG	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	GRAMOXONE XTRA	0.625	LAA	6	96	0	99	65	53	87
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
8A	GRAMOXONE XTRA	0.78	LAA	6	93	0	99	81	78	99
	B»ACTIVATE PLUS	0.25	PMV	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
9A	GRAMOXONE XTRA	0.625	LAA	6	90	0	99	80	82	98
	B CANOPY 75WG	0.094	LAA	6						
	C»ACTIVATE PLUS	0.25	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
10A	GRAMOXONE XTRA	0.625	LAA	6	99	2	99	93	88	99
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E»ACTIVATE PLUS	0.25	PMV	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
11A	TOUCHDOWN 5 (5	0.50	LAA	6	82	0	99	97	94	94
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	GLXMA	SETFA	HPPVU	TAROF	CHEAL
		RATE	UNIT		CON % 06/28/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99	CON % 07/14/99
12A	TOUCHDOWN 5 (5)	0.75	LAA	6	95	0	99	99	96	93
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
13A	TOUCHDOWN 5 (5)	1.00	LAA	6	98	5	99	98	99	98
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
14A	TOUCHDOWN 5 (5)	0.75	LAA	6	98	3	99	99	99	96
	B CANOPY 75WG	0.094	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
15A	TOUCHDOWN 5 (5)	0.75	LAA	6	98	7	99	99	98	99
	B»CANOPY XL 56.3	0.14	LAA	0						
	C»AUTHORITY	0.023	LAA	6						
	D CLASSIC 25WG	0.117	LAA	6						
	E AM. SULFATE	8.50	PMG	6						
	F FUSION	0.21	LAA	12						
	G»FLEXSTAR 1.88M	0.294	LAA	12						
	H»MSO	1.25	PMV	12						
	I 28% UAN	2.50	PMV	12						
16A	CANOPY 75WG	0.094	LAA	6	91	3	99	78	73	96
	B SENCOR 75WG	0.094	LAA	6						
	C»COC	1.00	PMV	6						
	D FUSION	0.21	LAA	12						
	E»FLEXSTAR 1.88M	0.294	LAA	12						
	F»MSO	1.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
17A	ROUNDUP ULTRA	0.38	LAA	6	82	3	99	90	83	98
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A	ROUNDUP ULTRA	0.56	LAA	6	99	3	99	99	90	99
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
19A	ROUNDUP ULTRA	0.75	LAA	6	99	2	99	99	93	99
	B AM. SULFATE	8.50	PMG	6						
	C FUSION	0.21	LAA	12						
	D»FLEXSTAR 1.88M	0.294	LAA	12						
	E»MSO	1.25	PMV	12						
	F 28% UAN	2.50	PMV	12						
20A	TOUCHDOWN 5 (5)	0.75	LAA	6	99	0	99	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C»TOUCHDOWN 5 (5)	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
21A	ROUNDUP ULTRA	0.56	LAA	6	99	0	99	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C ROUNDUP ULTRA	0.56	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
22A	VALOR 50WG	0.063	LAA	6	99	0	99	99	99	99
	B ROUNDUP ULTRA	0.75	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.75	PMV	12						
	E AM. SULFATE	8.50	PMG	12						

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/28/99	GLXMA CON % 07/14/99	SETFA CON % 07/14/99	HPPVU CON % 07/14/99	TAROF CON % 07/14/99	CHEAL CON % 07/14/99
23A»	VALOR 50WG	0.094	LAA	6	99	0	99	99	99	99
	B ROUNDUP ULTRA	0.75	LAA	6						
	C AM. SULFATE	8.50	PMG	6						
	D ROUNDUP ULTRA	0.75	PMV	12						
	E AM. SULFATE	8.50	PMG	12						
24A	ROUNDUP ULTRA	0.75	LAA	6	99	0	99	99	99	99
	B AM. SULFATE	8.50	PMG	6						
	C ROUNDUP ULTRA	0.75	PMV	12						
	D AM. SULFATE	8.50	PMG	12						
25A»	VALOR 50WG	0.063	LAA	6	93	0	99	73	78	99
	B CLASSIC 25WG	0.032	LAA	6						
	C»COC	1.25	PMV	6						
	D SELECT (2EC)	0.125	LAA	12						
	E»COC	1.25	PMV	12						
26A»	VALOR 50WG	0.078	LAA	6	86	0	99	81	81	99
	B CLASSIC 25WG	0.039	LAA	6						
	C»COC	1.25	PMV	6						
	D SELECT (2EC)	0.125	LAA	12						
	E»COC	1.25	PMV	12						
27A»	V-10070 37.5WG	0.094	LAA	6	88	0	99	75	75	99
	B»COC	1.25	PMV	6						
	C SELECT (2EC)	0.125	LAA	12						
	D»COC	1.25	PMV	12						
28A»	V-10070 37.5WG	0.118	LAA	6	83	0	99	79	73	99
	B»COC	1.25	PMV	6						
	C SELECT (2EC)	0.125	LAA	12						
	D»COC	1.25	PMV	12						
29A»	CANOPY XL 56.3	0.24	LAA	0	89	0	99	81	78	99
	B»AUTHORITY	0.20	LAA	6						
	C CLASSIC 25WG	0.04	LAA	6						
	D»COC	1.25	PMV	6						
	E SELECT (2EC)	0.125	LAA	12						
	F»COC	1.25	PMV	12						
30A»	CANOPY XL 56.3	0.24	LAA	0	99	0	99	96	99	99
	B»AUTHORITY	0.20	LAA	6						
	C CLASSIC 25WG	0.04	LAA	6						
	D»COC	1.25	PMV	6						
	E ROUNDUP ULTRA	0.56	LAA	12						
	F AM. SULFATE	8.50	PMG	12						
		LSD (0.05)			5.13	2.59	0.00	5.74	7.50	3.09
		STANDARD DEVIATION			2.56	1.30	0.00	2.87	3.75	1.55

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 06 = ----- / EPP 7 DBP 05/11/1999 (1)
 09 = ----- / PREEMERGENCE 05/21/1999 (2)
 12 = ----- / POST 06/17/1999 (3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	HPPVU	CON %	05/21/1999	03	P	HPPVU	NA	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	TAROF	CON %	05/21/1999	04	P	TAROF	NA	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/21/1999	05	P	CHEAL	NA	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	06/15/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/15/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	HPPVU	CON %	06/15/1999	03	P	HPPVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	TAROF	CON %	06/15/1999	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/15/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	06/28/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/28/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	HPPVU	CON %	06/28/1999	03	P	HPPVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: USOYNOT WEED CONTROL PROGRAMS IN NO-TILL RREADY SOYS C-300

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
012	TAROF	CON %	06/28/1999	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/28/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	07/14/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/14/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	HPPVU	CON %	07/14/1999	03	P	HPPVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	TAROF	CON %	07/14/1999	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/14/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR

* STAGE CODE

NA = NOT APPLICABLE / NOT AVAILABLE