

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/04/99	06/29/99	07/16/99	AME
AIR TEMPERATURE	73	82	90	F
% REL.HUMIDITY	75	67	40	
WIND DIRECTION	SOUTHEAST	NORTHEAST	SOUTH	
WIND SPEED	10.0	4.0	7.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	---	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	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 ***				
SOYBEAN		---/13	---/16	
PIONEER 9363RR		6.00/8.00	10.0/12.0	IN
06/01/1999				
*** PEST ***				
WATERHEMP, COMMO		---/19	---/19	
		4.00/6.00	8.00/12.0	IN

* TIMING CODES

09 = ----- / PRE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: USWHSYS CO. WATERHEMP CONTROL IN RRSOYS URBANA M-10S
CREATED: 06/01/1999 **REVISED:** 03/31/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/29/99	CON % 06/29/99	CON % 07/16/99	CON % 07/16/99	CON % 07/30/99	CON % 07/30/99
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A»	AUTHORITY	0.249	LAA	9	2	88	0	78	0	71
3A»	DUAL II MAGNUM	1.59	LAA	9	0	89	0	73	0	63
4A	SENCOR 75WG	0.375	LAA	9	0	94	0	87	0	79
5A	BLAZER 2SL	0.375	LAA	12	0	0	5	65	0	55
	B»COC	1.00	PMV	12						
6A	COBRA 2EC	0.195	LAA	12	0	0	7	84	0	75
	B»COC	1.00	PMV	12						
7A	REFLEX 2LC	0.313	LAA	12	0	0	4	58	0	55
	B»COC	1.00	PMV	12						
8A	ROUNDUP ULTRA	0.56	LAA	12	0	0	0	92	0	87
	B AM. SULFATE	8.50	PMG	12						
9A»	AUTHORITY	0.249	LAA	9	2	94	0	78	2	90
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
10A»	AUTHORITY	0.249	LAA	9	0	93	0	85	7	99
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
11A»	AUTHORITY	0.249	LAA	9	0	86	0	78	0	91
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
12A»	AUTHORITY	0.249	LAA	9	0	89	0	77	0	97
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
13A»	DUAL II MAGNUM	1.59	LAA	9	0	90	0	78	0	85
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
14A»	DUAL II MAGNUM	1.59	LAA	9	0	86	0	80	6	97
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
15A»	DUAL II MAGNUM	1.59	LAA	9	0	83	0	80	0	94
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
16A»	DUAL II MAGNUM	1.59	LAA	9	0	93	0	78	0	97
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
17A	SENCOR 75WG	0.375	LAA	9	0	95	0	92	4	97
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
18A	SENCOR 75WG	0.375	LAA	9	0	87	0	74	5	96
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
19A	SENCOR 75WG	0.375	LAA	9	0	94	0	78	0	96
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
20A	SENCOR 75WG	0.375	LAA	9	0	95	0	81	0	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
21A»	WEED FREE	0.00	NA	0	0	99	0	99	0	89

TITLE: USWHSYS CO. WATERHEMP CONTROL IN RRSOYS URBANA M-10S

TRT TREATMENT NUM COMPONENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
	RATE	UNIT TM	CON % 06/29/99	CON % 06/29/99	CON % 07/16/99	CON % 07/16/99	CON % 07/30/99	CON % 07/30/99
22A ROUNDUP ULTRA	0.56	LAA 12	0	0	0	88	0	95
B AM. SULFATE	8.50	PMG 12						
C ROUNDUP ULTRA	0.56	LAA 13						
D AM. SULFATE	8.50	PMG 13						
	LSD (0.05)		1.39	8.07	1.24	10.32	1.34	11.19
	STANDARD DEVIATION		0.694	4.00	0.62	5.16	0.668	5.59

TITLE: USWHSYS CO. WATERHEMP CONTROL IN RRSOYS URBANA M-10S
CREATED: 06/01/1999 **REVISED:** 03/31/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **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	YIELD BU/A 10/18/99
		RATE	UNIT		
1A	CHECK	0.00	NA	0	25.8
2A»	AUTHORITY	0.249	LAA	9	36.9
3A»	DUAL II MAGNUM	1.59	LAA	9	41.0
4A	SENCOR 75WG	0.375	LAA	9	39.6
5A	BLAZER 2SL	0.375	LAA	12	34.2
	B»COC	1.00	PMV	12	
6A	COBRA 2EC	0.195	LAA	12	31.5
	B»COC	1.00	PMV	12	
7A	REFLEX 2LC	0.313	LAA	12	35.4
	B»COC	1.00	PMV	12	
8A	ROUNDUP ULTRA	0.56	LAA	12	40.2
	B AM. SULFATE	8.50	PMG	12	
9A»	AUTHORITY	0.249	LAA	9	40.1
	B BLAZER 2SL	0.375	LAA	12	
	C»COC	1.00	PMV	12	
10A»	AUTHORITY	0.249	LAA	9	41.3
	B COBRA 2EC	0.195	LAA	12	
	C»COC	1.00	PMV	12	
11A»	AUTHORITY	0.249	LAA	9	46.9
	B REFLEX 2LC	0.313	LAA	12	
	C»COC	1.00	PMV	12	
12A»	AUTHORITY	0.249	LAA	9	43.1
	B ROUNDUP ULTRA	0.56	LAA	12	
	C AM. SULFATE	8.50	PMG	12	
13A»	DUAL II MAGNUM	1.59	LAA	9	44.7
	B BLAZER 2SL	0.375	LAA	12	
	C»COC	1.00	PMV	12	
14A»	DUAL II MAGNUM	1.59	LAA	9	37.8
	B COBRA 2EC	0.195	LAA	12	
	C»COC	1.00	PMV	12	
15A»	DUAL II MAGNUM	1.59	LAA	9	44.9
	B REFLEX 2LC	0.313	LAA	12	
	C»COC	1.00	PMV	12	
16A»	DUAL II MAGNUM	1.59	LAA	9	45.4
	B ROUNDUP ULTRA	0.56	LAA	12	
	C AM. SULFATE	8.50	PMG	12	
17A	SENCOR 75WG	0.375	LAA	9	43.1
	B BLAZER 2SL	0.375	LAA	12	
	C»COC	1.00	PMV	12	
18A	SENCOR 75WG	0.375	LAA	9	45.3
	B COBRA 2EC	0.195	LAA	12	
	C»COC	1.00	PMV	12	
19A	SENCOR 75WG	0.375	LAA	9	44.9
	B REFLEX 2LC	0.313	LAA	12	
	C»COC	1.00	PMV	12	
20A	SENCOR 75WG	0.375	LAA	9	45.3
	B ROUNDUP ULTRA	0.56	LAA	12	
	C AM. SULFATE	8.50	PMG	12	
21A»	WEED FREE	0.00	NA	0	45.0

TITLE: USWHSYS CO. WATERHEMP CONTROL IN RRSOYS URBANA M-10S

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD
		RATE	UNIT	BU/A TM 10/18/99
22A	ROUNDUP ULTRA	0.56	LAA 12	47.0
	B AM. SULFATE	8.50	PMG 12	
	C ROUNDUP ULTRA	0.56	LAA 13	
	D AM. SULFATE	8.50	PMG 13	
LSD (0.05)				7.89
STANDARD DEVIATION				3.95

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PRE 06/04/1999(1)
 12 = ----- / POST 06/29/1999(2)
 13 = ----- / LPOST 07/16/1999(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/29/1999	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/29/1999	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/16/1999	01	P	GLXMA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/16/1999	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/30/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/30/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/18/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED