

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/14/01	06/18/01	AME
AIR TEMPERATURE	70	83	F
% REL.HUMIDITY	30	65	
WIND DIRECTION	SOUTH	SOUTH	
WIND SPEED	8.0	5.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
WATERHEMP, COMMO		HGH/19 2.00/6.00	IN
SOYBEAN		NA/15	
ASGROW 3302 RR/S 05/14/2001		6.00/6.00	IN

* TIMING CODES

09 = ----- / PRE
 12 = ----- / POST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: USISPWH CO. WATERHEMP CONTROL IN RRSOYBEAN URBANA AS-400
CREATED: 04/29/2001 **REVISED:** 11/02/2001 **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			GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/18/01	CON % 06/18/01	CON % 07/06/01	CON % 07/06/01	CON % 07/15/01	CON % 07/15/01
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	AUTHORITY	0.249	LAA	9	0	78	0	78	0	78
3A	DUAL II MAGNUM	1.59	LAA	9	0	83	0	83	0	77
4A	SENCOR 75WG	0.375	LAA	9	0	77	0	78	0	72
5A	ULTRA BLAZER	0.375	LAA	12	0	0	10	96	0	87
	B>COC	0.63	PMV	12						
	C 28% UAN	2.50	PMV	12						
6A	COBRA 2EC	0.195	LAA	12	0	0	8	95	0	91
	B>COC	0.63	PMV	12						
	C>LIQUID AMS	3.67	PMV	12						
7A	FLEXSTAR 1.88M	0.294	LAA	12	0	0	4	85	0	86
	B>MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
8A	RNDUP ULTRA MA	0.56	LAA	12	0	0	2	97	0	89
	B>LIQUID AMS	2.50	PMV	12						
9A	AUTHORITY	0.249	LAA	9	0	77	7	99	0	97
	B>ULTRA BLAZER	0.375	LAA	12						
	C>COC	0.63	PMV	12						
	D 28% UAN	2.50	PMV	12						
10A	AUTHORITY	0.249	LAA	9	0	78	8	99	0	96
	B COBRA 2EC	0.195	LAA	12						
	C>COC	0.63	PMV	12						
	D>LIQUID AMS	3.67	PMV	12						
11A	AUTHORITY	0.249	LAA	9	0	73	4	99	0	96
	B>FLEXSTAR 1.88M	0.294	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	AUTHORITY	0.249	LAA	9	0	82	0	99	0	96
	B>RNDUP ULTRA MA	0.56	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
13A	DUAL II MAGNUM	1.59	LAA	9	0	85	8	98	0	96
	B>ULTRA BLAZER	0.375	LAA	12						
	C>COC	0.63	PMV	12						
	D 28% UAN	2.50	PMV	12						
14A	DUAL II MAGNUM	1.59	LAA	9	0	88	5	99	0	96
	B COBRA 2EC	0.195	LAA	12						
	C>COC	0.63	PMV	12						
	D>LIQUID AMS	3.67	PMV	12						
15A	DUAL II MAGNUM	1.59	LAA	9	0	84	4	98	0	95
	B>FLEXSTAR 1.88M	0.294	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	DUAL II MAGNUM	1.59	LAA	9	0	82	0	99	0	96
	B>RNDUP ULTRA MA	0.56	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
17A	SENCOR 75WG	0.375	LAA	9	0	79	4	99	0	97
	B>ULTRA BLAZER	0.375	LAA	12						
	C>COC	0.63	PMV	12						
	D 28% UAN	2.50	PMV	12						

DATA MEAN

TITLE: USISPWH CO. WATERHEMP CONTROL IN RRSOYBEAN URBANA AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/18/01	CON % 06/18/01	CON % 07/06/01	CON % 07/06/01	CON % 07/15/01	CON % 07/15/01
18A	SENCOR 75WG	0.375	LAA 9		0	83	6	99	0	96
	B COBRA 2EC	0.195	LAA 12							
	C»COC	0.63	PMV 12							
	D»LIQUID AMS	3.67	PMV 12							
19A	SENCOR 75WG	0.375	LAA 9		0	73	3	98	0	96
	B»FLEXSTAR 1.88M	0.294	LAA 12							
	C»MSO	1.00	PMV 12							
	D 28% UAN	2.50	PMV 12							
20A	SENCOR 75WG	0.375	LAA 9		0	82	0	99	0	96
	B»RNDUP ULTRA MA	0.56	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
21A»	WEED FREE	0.00	NA 0		0	99	0	99	0	99
	B»DUAL II MAGNUM	1.59	LAA 9							
	C»FIRSTRATE 84WG	0.032	LAA 9							
22A»	RNDUP ULTRA MA	0.56	LAA 12		0	0	0	96	0	96
	B»LIQUID AMS	2.50	PMV 12							
	C»RNDUP ULTRA MA	0.56	LAA 13							
	D»LIQUID AMS	2.50	PMV 13							
		LSD (0.05)			0.00	8.54	3.67	5.11	0.00	5.36
		STANDARD DEVIATION			0.00	4.27	1.83	2.56	0.00	2.65

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TITLE: USISPWH CO. WATERHEMP CONTROL IN RRSOYBEAN URBANA AS-400
CREATED: 04/29/2001 **REVISED:** 11/02/2001 **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
		RATE	UNIT		BU/A 10/29/01
1A	CHECK	0.00	NA	0	19.3
2A	»AUTHORITY	0.249	LAA	9	46.6
3A	»DUAL II MAGNUM	1.59	LAA	9	41.9
4A	SENCOR 75WG	0.375	LAA	9	50.2
5A	»ULTRA BLAZER	0.375	LAA	12	53.1
	B»COC	0.63	PMV	12	
	C 28% UAN	2.50	PMV	12	
6A	COBRA 2EC	0.195	LAA	12	40.7
	B»COC	0.63	PMV	12	
	C»LIQUID AMS	3.67	PMV	12	
7A	»FLEXSTAR 1.88M	0.294	LAA	12	51.1
	B»MSO	1.00	PMV	12	
	C 28% UAN	2.50	PMV	12	
8A	»RNDUP ULTRA MA	0.56	LAA	12	58.3
	B»LIQUID AMS	2.50	PMV	12	
9A	»AUTHORITY	0.249	LAA	9	60.7
	B»ULTRA BLAZER	0.375	LAA	12	
	C»COC	0.63	PMV	12	
	D 28% UAN	2.50	PMV	12	
10A	»AUTHORITY	0.249	LAA	9	57.5
	B COBRA 2EC	0.195	LAA	12	
	C»COC	0.63	PMV	12	
	D»LIQUID AMS	3.67	PMV	12	
11A	»AUTHORITY	0.249	LAA	9	60.2
	B»FLEXSTAR 1.88M	0.294	LAA	12	
	C»MSO	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
12A	»AUTHORITY	0.249	LAA	9	50.0
	B»RNDUP ULTRA MA	0.56	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
13A	»DUAL II MAGNUM	1.59	LAA	9	53.7
	B»ULTRA BLAZER	0.375	LAA	12	
	C»COC	0.63	PMV	12	
	D 28% UAN	2.50	PMV	12	
14A	»DUAL II MAGNUM	1.59	LAA	9	40.4
	B COBRA 2EC	0.195	LAA	12	
	C»COC	0.63	PMV	12	
	D»LIQUID AMS	3.67	PMV	12	
15A	»DUAL II MAGNUM	1.59	LAA	9	59.5
	B»FLEXSTAR 1.88M	0.294	LAA	12	
	C»MSO	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
16A	»DUAL II MAGNUM	1.59	LAA	9	64.9
	B»RNDUP ULTRA MA	0.56	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
17A	SENCOR 75WG	0.375	LAA	9	61.9
	B»ULTRA BLAZER	0.375	LAA	12	
	C»COC	0.63	PMV	12	
	D 28% UAN	2.50	PMV	12	

DATA MEAN

TITLE: USISPWH CO. WATERHEMP CONTROL IN RRSOYBEAN URBANA AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/29/01
		RATE	UNIT	
18A	SENCOR 75WG	0.375	LAA 9	57.7
	B COBRA 2EC	0.195	LAA 12	
	C»COC	0.63	PMV 12	
	D»LIQUID AMS	3.67	PMV 12	
19A	SENCOR 75WG	0.375	LAA 9	60.0
	B»FLEXSTAR 1.88M	0.294	LAA 12	
	C»MSO	1.00	PMV 12	
	D 28% UAN	2.50	PMV 12	
20A	SENCOR 75WG	0.375	LAA 9	63.6
	B»RNDUP ULTRA MA	0.56	LAA 12	
	C»LIQUID AMS	2.50	PMV 12	
21A»	WEED FREE	0.00	NA 0	62.2
	B»DUAL II MAGNUM	1.59	LAA 9	
	C»FIRSTRATE 84WG	0.032	LAA 9	
22A»	RNDUP ULTRA MA	0.56	LAA 12	61.2
	B»LIQUID AMS	2.50	PMV 12	
	C»RNDUP ULTRA MA	0.56	LAA 13	
	D»LIQUID AMS	2.50	PMV 13	
		LSD (0.05)		10.93
		STANDARD DEVIATION		5.46

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PRE 05/14/2001(1)
- 12 = ----- / POST 06/18/2001(2)
- 13 = ----- / LPOST

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
01	GLXMA	CON %	06/18/2001	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMATA	CON %	06/18/2001	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	07/06/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMATA	CON %	07/06/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	07/15/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	07/15/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	YIELD	BU/A	10/29/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302 RR/STS

* STAGE CODE

- 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED