

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	05/12/00	06/15/00	AME
AIR TEMPERATURE	75	68	F
% REL.HUMIDITY	70	70	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	8.0	3.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	MOIST	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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			
*** CROP ***			
SOYBEAN		---/13	
PIONEER 94B01RR		6.00/6.00	IN
05/11/2000			
*** PEST ***			
WATERHEMP, COMMO		---/19	
		4.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

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

TITLE: SISPDH CO. WATERHEMP CONTROL IN RRSOYBEAN URBANA AS-400
CREATED: 04/27/2000 **REVISED:** 11/06/2000 **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		06/13/00	06/13/00	06/29/00	06/29/00	07/17/00	07/17/00
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A»	AUTHORITY	0.249	LAA	9	0	95	0	91	0	85
3A»	DUAL II MAGNUM	1.59	LAA	9	0	99	0	88	0	85
4A	SENCOR 75WG	0.375	LAA	9	0	96	0	96	0	95
5A	BLAZER 2SL	0.375	LAA	12	0		15	98	0	99
	B»COC	1.00	PMV	12						
6A	COBRA 2EC	0.195	LAA	12	0		23	99	5	97
	B»COC	1.00	PMV	12						
7A	REFLEX 2LC	0.313	LAA	12	0		10	99	0	99
	B»COC	1.00	PMV	12						
8A	ROUNDUP ULTRA	0.56	LAA	12	0		2	97	0	97
	B AM. SULFATE	8.50	PMG	12						
9A»	AUTHORITY	0.249	LAA	9	0	98	11	99	0	99
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
10A»	AUTHORITY	0.249	LAA	9	0	96	28	99	5	99
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
11A»	AUTHORITY	0.249	LAA	9	0	98	8	99	0	99
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
12A»	AUTHORITY	0.249	LAA	9	0	97	2	99	0	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
13A»	DUAL II MAGNUM	1.59	LAA	9	0	96	13	99	0	99
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
14A»	DUAL II MAGNUM	1.59	LAA	9	0	94	22	99	5	99
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
15A»	DUAL II MAGNUM	1.59	LAA	9	0	98	9	99	0	99
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
16A»	DUAL II MAGNUM	1.59	LAA	9	0	95	3	99	0	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
17A	SENCOR 75WG	0.375	LAA	9	0	96	11	99	0	99
	B BLAZER 2SL	0.375	LAA	12						
	C»COC	1.00	PMV	12						
18A	SENCOR 75WG	0.375	LAA	9	0	94	22	99	3	98
	B COBRA 2EC	0.195	LAA	12						
	C»COC	1.00	PMV	12						
19A	SENCOR 75WG	0.375	LAA	9	0	97	8	99	0	99
	B REFLEX 2LC	0.313	LAA	12						
	C»COC	1.00	PMV	12						
20A	SENCOR 75WG	0.375	LAA	9	0	98	2	99	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	99

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

TRT TREATMENT NUM COMPONENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
	RATE	UNIT TM	06/13/00	06/13/00	06/29/00	06/29/00	07/17/00	07/17/00
22A ROUNDUP ULTRA	0.56	LAA 12	0		3	96	0	99
B AM. SULFATE	8.50	PMG 12						
C ROUNDUP ULTRA	0.56	LAA 13						
D AM. SULFATE	8.50	PMG 13						
	LSD (0.05)		0.00	2.37	6.33	3.29	1.00	4.90
	STANDARD DEVIATION		0.00	1.17	3.13	1.63	0.514	2.43

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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	YIELD
		RATE	UNIT		08/11/00	08/11/00	10/12/00
1A	CHECK	0.00	NA	0	0	0	34.7
2A	AUTHORITY	0.249	LAA	9	0	74	53.0
3A	DUAL II MAGNUM	1.59	LAA	9	0	76	53.1
4A	SENCOR 75WG	0.375	LAA	9	0	95	54.5
5A	BLAZER 2SL	0.375	LAA	12	0	99	51.1
	B»COC	1.00	PMV	12			
6A	COBRA 2EC	0.195	LAA	12	0	94	47.8
	B»COC	1.00	PMV	12			
7A	REFLEX 2LC	0.313	LAA	12	0	99	54.1
	B»COC	1.00	PMV	12			
8A	ROUNDUP ULTRA	0.56	LAA	12	0	99	55.1
	B AM. SULFATE	8.50	PMG	12			
9A	AUTHORITY	0.249	LAA	9	0	99	53.3
	B BLAZER 2SL	0.375	LAA	12			
	C»COC	1.00	PMV	12			
10A	AUTHORITY	0.249	LAA	9	0	99	50.2
	B COBRA 2EC	0.195	LAA	12			
	C»COC	1.00	PMV	12			
11A	AUTHORITY	0.249	LAA	9	0	99	52.5
	B REFLEX 2LC	0.313	LAA	12			
	C»COC	1.00	PMV	12			
12A	AUTHORITY	0.249	LAA	9	0	99	55.1
	B ROUNDUP ULTRA	0.56	LAA	12			
	C AM. SULFATE	8.50	PMG	12			
13A	DUAL II MAGNUM	1.59	LAA	9	0	99	52.4
	B BLAZER 2SL	0.375	LAA	12			
	C»COC	1.00	PMV	12			
14A	DUAL II MAGNUM	1.59	LAA	9	0	99	49.3
	B COBRA 2EC	0.195	LAA	12			
	C»COC	1.00	PMV	12			
15A	DUAL II MAGNUM	1.59	LAA	9	0	99	51.6
	B REFLEX 2LC	0.313	LAA	12			
	C»COC	1.00	PMV	12			
16A	DUAL II MAGNUM	1.59	LAA	9	0	99	51.9
	B ROUNDUP ULTRA	0.56	LAA	12			
	C AM. SULFATE	8.50	PMG	12			
17A	SENCOR 75WG	0.375	LAA	9	0	99	53.7
	B BLAZER 2SL	0.375	LAA	12			
	C»COC	1.00	PMV	12			
18A	SENCOR 75WG	0.375	LAA	9	0	99	50.4
	B COBRA 2EC	0.195	LAA	12			
	C»COC	1.00	PMV	12			
19A	SENCOR 75WG	0.375	LAA	9	0	99	54.6
	B REFLEX 2LC	0.313	LAA	12			
	C»COC	1.00	PMV	12			
20A	SENCOR 75WG	0.375	LAA	9	0	99	52.2
	B ROUNDUP ULTRA	0.56	LAA	12			
	C AM. SULFATE	8.50	PMG	12			
21A	WEED FREE	0.00	NA	0	0	99	54.1

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

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	GLXMA	AMATA	YIELD	
			TM 08/11/00	08/11/00	BU/A 10/12/00	
22A ROUNDUP ULTRA	0.56	LAA	12	0	99	51.1
B AM. SULFATE	8.50	PMG	12			
C ROUNDUP ULTRA	0.56	LAA	13			
D AM. SULFATE	8.50	PMG	13			
	LSD (0.05)		0.00	7.49	4.59	
	STANDARD DEVIATION		0.00	3.71	2.29	

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PRE 05/12/2000(1)
 12 = ----- / POST 06/15/2000(2)
 13 = ----- / LPOST

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA		06/13/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA		06/13/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA		06/29/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA		06/29/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA		07/17/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA		07/17/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA		08/11/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA		08/11/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/12/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 94B01RR