

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/01	06/26/01	07/13/01	AME
AIR TEMPERATURE	87	76	90	F
% REL.HUMIDITY	33	66	30	
WIND DIRECTION	SOUTH	WEST	NORTHEAST	
WIND SPEED	5.0	3.0	4.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	COMPACT	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
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				
*** PEST ***				
WATERHEMP, COMMO		MED/19 6.00/8.00	LOW/10 0.25/0.25	IN
SOYBEAN		NA/18	NA/19	
PIONEER 9492		18.0/18.0	24.0/24.0	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 18 = 8TH LEAF (6TH TRIFOLIATE LEAF) UNFOLDED, 7 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: BSISPOB-WH COMPARISON OF WATERHEMP CONTROL SYSTEMS IN SOYBEAN BT-200
CREATED: 05/02/2001 **REVISED:** 11/14/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	GLXMA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/26/01	CON % 07/04/01	CON % 07/13/01	CON % 07/13/01	CON % 07/28/01	CON % 07/28/01
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	AUTHORITY	0.249	LAA	9	99	0	0	98	0	96
3A	DUAL II MAGNUM	1.59	LAA	9	96	0	0	98	0	80
4A	SENCOR 75WG	0.375	LAA	9	77	0	0	68	0	43
5A	ULTRA BLAZER	0.375	LAA	12		17	0	99	0	93
	B>COC	0.63	PMV	12						
	C 28% UAN	2.50	PMV	12						
6A	COBRA 2EC	0.195	LAA	12		17	0	99	0	87
	B>COC	0.63	PMV	12						
	C>LIQUID AMS	3.67	PMV	12						
7A	FLEXSTAR 1.88M	0.294	LAA	12		15	0	98	0	80
	B>MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
8A	RNDUP ULTRA MA	0.56	LAA	12		0	0	99	0	99
	B>LIQUID AMS	2.50	PMV	12						
9A	AUTHORITY	0.249	LAA	9	99	18	0	98	0	99
	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	98	13	0	99	0	99
	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	99	12	0	99	0	99
	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	99	0	0	99	0	99
	B>RNDUP ULTRA MA	0.56	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
13A	DUAL II MAGNUM	1.59	LAA	9	78	13	0	98	0	99
	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	99	18	0	99	0	99
	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	98	13	0	99	0	99
	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	93	0	0	99	0	99
	B>RNDUP ULTRA MA	0.56	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
17A	SENCOR 75WG	0.375	LAA	9	93	15	0	99	0	99
	B>ULTRA BLAZER	0.375	LAA	12						
	C>COC	0.63	PMV	12						
	D 28% UAN	2.50	PMV	12						

DATA MEAN

TITLE: BSISPOB-WH COMPARISON OF WATERHEMP CONTROL SYSTEMS IN SOYBEAN BT-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	GLXMA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/26/01	CON % 07/04/01	CON % 07/13/01	CON % 07/13/01	CON % 07/28/01	CON % 07/28/01
18A	SENCOR 75WG	0.375	LAA	9	86	20	0	94	0	89
	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	96	15	0	99	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	96	0	0	99	0	98
	B»RNDUP ULTRA MA	0.56	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A»	WEED FREE	0.00	NA	0	93	0	0	99	0	99
	B»DUAL II MAGNUM	1.59	LAA	9						
	C»FIRSTRATE 84WG	0.0315	LAA	9						
22A»	RNDUP ULTRA MA	0.56	LAA	12		0	0	99	0	99
	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)			11.81	3.11	0.00	4.26	0.00	14.14
		STANDARD DEVIATION			5.84	1.54	0.00	2.11	0.00	7.00

DATA MEAN

TITLE: BSISPOB-WH COMPARISON OF WATERHEMP CONTROL SYSTEMS IN SOYBEAN BT-200
CREATED: 05/02/2001 **REVISED:** 11/14/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA
		RATE	UNIT		CON % 10/03/01
1A	CHECK	0.00	NA	0	32.8
2A	A»AUTHORITY	0.249	LAA	9	34.0
3A	DUAL II MAGNUM	1.59	LAA	9	38.0
4A	SENCOR 75WG	0.375	LAA	9	39.9
5A	»ULTRA BLAZER	0.375	LAA	12	23.7
	B»COC	0.63	PMV	12	
	C 28% UAN	2.50	PMV	12	
6A	COBRA 2EC	0.195	LAA	12	25.7
	B»COC	0.63	PMV	12	
	C»LIQUID AMS	3.67	PMV	12	
7A	»FLEXSTAR 1.88M	0.294	LAA	12	29.5
	B»MSO	1.00	PMV	12	
	C 28% UAN	2.50	PMV	12	
8A	»RNDUP ULTRA MA	0.56	LAA	12	46.8
	B»LIQUID AMS	2.50	PMV	12	
9A	»AUTHORITY	0.249	LAA	9	47.3
	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	40.5
	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	34.3
	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	42.3
	B»RNDUP ULTRA MA	0.56	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
13A	DUAL II MAGNUM	1.59	LAA	9	31.5
	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	34.3
	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	37.9
	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	42.8
	B»RNDUP ULTRA MA	0.56	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
17A	SENCOR 75WG	0.375	LAA	9	45.5
	B»ULTRA BLAZER	0.375	LAA	12	
	C»COC	0.63	PMV	12	
	D 28% UAN	2.50	PMV	12	

DATA MEAN

TITLE: BSISPOB-WH COMPARISON OF WATERHEMP CONTROL SYSTEMS IN SOYBEAN BT-200

TRT	TREATMENT	DOSAGE		GLXMA
NUM	COMPONENT	RATE	UNIT	CON %
			TM	10/03/01
18A	SENCOR 75WG	0.375	LAA 9	35.3
	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	36.3
	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	37.0
	B»RNDUP ULTRA MA	0.56	LAA 12	
	C»LIQUID AMS	2.50	PMV 12	
21A»	WEED FREE	0.00	NA 0	40.0
	B»DUAL II MAGNUM	1.59	LAA 9	
	C»FIRSTRATE 84WG	0.0315	LAA 9	
22A»	RNDUP ULTRA MA	0.56	LAA 12	42.1
	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)		11.52
		STANDARD DEVIATION		5.76

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PRE 05/03/2001(1)
12 = ----- / POST 06/26/2001(2)
13 = ----- / LPOST 07/13/2001(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
01	AMATA	CON %	06/26/2001	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	GLXMA	CON %	07/04/2001	01	P	GLXMA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	07/13/2001	01	P	GLXMA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMATA	CON %	07/13/2001	02	P	AMATA	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	GLXMA	CON %	07/28/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	07/28/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	10/03/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9492

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED