

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/22/00	06/23/00	AME
AIR TEMPERATURE	85	87	F
% REL.HUMIDITY	42	80	
WIND DIRECTION	SOUTHWEST	SOUTH	
WIND SPEED	7.0	2.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	COMPACT	COMPACT	
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		HGH/14	
DEKALB CX367CRR		6.00/6.00	IN
05/22/2000			
*** PEST ***			
WATERHEMP, COMMO		MED/18	
		4.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: ASWHSYSISPOB COMPARISON OF WATERHEMP CONTROL SYSTEMS IN SOYBEAN ALTAMONT
CREATED: 05/15/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: ALTAMONT **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	AMATA	AMATA	AMATA
		RATE	UNIT		06/22/00	07/05/00	07/18/00	08/15/00
1A	CHECK	0.00	NA	0	0	0	0	0
2A»	AUTHORITY	0.249	LAA	9	99	99	96	91
3A»	DUAL II MAGNUM	1.59	LAA	9	90	96	82	72
4A	SENCOR 75WG	0.375	LAA	9	90	67	68	23
5A	BLAZER 2SL	0.375	LAA	12		99	97	96
B»	COC	1.00	PMV	12				
6A	COBRA 2EC	0.195	LAA	12		94	95	92
B»	COC	1.00	PMV	12				
7A	REFLEX 2LC	0.313	LAA	12		88	85	77
B»	COC	1.00	PMV	12				
8A	ROUNDUP ULTRA	0.56	LAA	12		99	97	91
B	AM. SULFATE	8.50	PMG	12				
9A»	AUTHORITY	0.249	LAA	9	99	99	99	99
B	BLAZER 2SL	0.375	LAA	12				
C»	COC	1.00	PMV	12				
10A»	AUTHORITY	0.249	LAA	9	99	99	99	99
B	COBRA 2EC	0.195	LAA	12				
C»	COC	1.00	PMV	12				
11A»	AUTHORITY	0.249	LAA	9	99	99	99	99
B	REFLEX 2LC	0.313	LAA	12				
C»	COC	1.00	PMV	12				
12A»	AUTHORITY	0.249	LAA	9	99	99	99	97
B	ROUNDUP ULTRA	0.56	LAA	12				
C	AM. SULFATE	8.50	PMG	12				
13A»	DUAL II MAGNUM	1.59	LAA	9	88	99	98	80
B	BLAZER 2SL	0.375	LAA	12				
C»	COC	1.00	PMV	12				
14A»	DUAL II MAGNUM	1.59	LAA	9	87	99	98	90
B	COBRA 2EC	0.195	LAA	12				
C»	COC	1.00	PMV	12				
15A»	DUAL II MAGNUM	1.59	LAA	9	83	85	84	70
B	REFLEX 2LC	0.313	LAA	12				
C»	COC	1.00	PMV	12				
16A»	DUAL II MAGNUM	1.59	LAA	9	88	93	89	72
B	ROUNDUP ULTRA	0.56	LAA	12				
C	AM. SULFATE	8.50	PMG	12				
17A	SENCOR 75WG	0.375	LAA	9	83	99	98	96
B	BLAZER 2SL	0.375	LAA	12				
C»	COC	1.00	PMV	12				
18A	SENCOR 75WG	0.375	LAA	9	82	88	87	80
B	COBRA 2EC	0.195	LAA	12				
C»	COC	1.00	PMV	12				
19A	SENCOR 75WG	0.375	LAA	9	85	91	94	88
B	REFLEX 2LC	0.313	LAA	12				
C»	COC	1.00	PMV	12				
20A	SENCOR 75WG	0.375	LAA	9	87	99	97	98
B	ROUNDUP ULTRA	0.56	LAA	12				
C	AM. SULFATE	8.50	PMG	12				

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA			
		RATE	UNIT		06/22/00	07/05/00	07/18/00	08/15/00
21A	WEED FREE	0.00	NA	0	99	99	99	99
	B»DUAL II MAGNUM	1.59	LAA	9				
	C»FIRSTRATE 84WG	0.0315	LAA	9				
22A	ROUNDUP ULTRA	0.56	LAA	12		95	92	94
	B AM. SULFATE	8.50	PMG	12				
	C ROUNDUP ULTRA	0.56	LAA	13				
	D AM. SULFATE	8.50	PMG	13				
LSD (0.05)					3.46	15.49	14.83	13.64
STANDARD DEVIATION					1.71	7.66	7.34	6.75

» = SUPPLEMENTAL CHEMICAL

*** TIMING CODES**

00 = ----- / UNTREATED TIMING
09 = ----- / PRE 05/22/2000(1)
12 = ----- / POST 06/23/2000(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	AMATA		06/22/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA		07/05/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA		07/18/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA		08/15/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N