

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	13	14	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/18/04	06/12/04	06/18/04	06/23/04	06/28/04	AME
AIR TEMPERATURE	80	83	76	80	80	F
% REL.HUMIDITY	70	80	68	45	50	
WIND DIRECTION	SOUTHWEST	EAST	NA/NONE/U	SOUTHWEST	NORTHWEST	M/H
WIND SPEED	7.0	3.0	0.0	5.0	4.0	
CLOUD COVER	PARTCLDY	CLOUDY	OVERCAST	CLEAR	CLEAR	
DEW	NO	YES	YES	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN		---/14	---/15	---/16	---/17	
ASGROW 3302 RR/S		5.00/5.00	8.00/8.00	12.0/12.0	14.0/14.0	IN
05/18/2004						
*** PEST ***						
VELVETLEAF		---/12	---/13	---/15	---/16	
		1.00/2.00	2.00/3.00	3.00/5.00	4.00/8.00	IN
WATERHEMP, COMMO		---/15	---/17	---/19	---/19	
		1.00/3.00	2.00/4.00	3.00/5.00	4.00/10.0	IN
LAMBSQUARTERS, C		---/16	---/17	---/19	---/19	
		1.00/1.00	1.00/2.00	2.00/4.00	4.00/8.00	IN
SMARTWEED, PENNS		---/15	---/17	---/19	---/19	
		1.00/1.00	1.00/3.00	3.00/6.00	4.00/8.00	IN
FOXTAIL, GIANT		---/12	---/13	---/14	---/15	
		2.00/4.00	3.00/5.00	4.00/6.00	4.00/8.00	IN
COCKLEBUR, COMMO		---/10	---/12	---/14	---/16	
		1.00/1.00	2.00/4.00	4.00/6.00	4.00/10.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
13 = ----- / LPOST
14 = ----- / VLPOST
15 = ----- / PO.DIRECTED

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Waterhemp Competition and Control in Soybean AS-400

CREATED: 04/22/2004 REVISED: 10/27/2004

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	CHEAL	POLPY	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/11/04	06/11/04	06/11/04	06/11/04	06/11/04
1A»	BOUNDARY 6.5EC	0.81	LAA	9	0	78	92	95	96
B»	TOUCHDN TOTAL	0.75	LAA	13					67
C»	LIQUID AMS	2.50	PMV	13					
2A»	BOUNDARY 6.5EC	1.22	LAA	9	0	87	95	96	97
B»	TOUCHDN TOTAL	0.75	LAA	13					67
C»	LIQUID AMS	2.50	PMV	13					
3A»	BOUNDARY 6.5EC	1.22	LAA	9	0	89	95	98	98
B»	TOUCHDN TOTAL	0.75	LAA	13					73
C»	LIQUID AMS	2.50	PMV	13					
D»	WARRIOR 1 CS	3.20	ZMA	15					
E»	QUADRI 2.08L	6.20	ZMA	15					
4A»	BOUNDARY 6.5EC	1.63	LAA	9	0	91	98	98	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					81
C»	MISO	1.00	PMV	13					
D	28% UAN	2.50	PMV	13					
5A»	BOUNDARY 6.5EC	1.63	LAA	9	0	90	98	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					83
C	FUSION	0.21	LAA	13					
D»	MISO	1.00	PMV	13					
E	28% UAN	2.50	PMV	13					
6A»	VALOR SX 51WDG	0.047	LAA	9	0	30	83	91	91
B»	WEATHERMAX 4.5	0.75	LAA	14					57
C»	LIQUID AMS	2.50	PMV	14					
7A»	VALOR SX 51WDG	0.063	LAA	9	0	40	90	91	91
B»	WEATHERMAX 4.5	0.75	LAA	14					67
C»	LIQUID AMS	2.50	PMV	14					
8A»	VALOR SX 51WDG	0.078	LAA	9	0	43	93	94	93
B»	WEATHERMAX 4.5	0.75	LAA	14					74
C»	LIQUID AMS	2.50	PMV	14					
9A»	VALOR SX 51WDG	0.047	LAA	9	0	47	86	96	96
B»	FIRSTRATE 84WG	0.016	LAA	9					73
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					
10A»	VALOR SX 51WDG	0.047	LAA	9	0	75	91	96	98
B»	CANOPY XL 56.3	0.035	LAA	0					84
C»	AUTHORITY	0.029	LAA	9					
D	CLASSIC 25WG	0.06	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
11A»	VALOR SX 51WDG	0.047	LAA	9	0	57	95	98	98
B»	CANOPY XL 56.3	0.088	LAA	0					78
C»	AUTHORITY	0.073	LAA	9					
D	CLASSIC 25WG	0.015	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
12A»	VALOR SX 51WDG	0.047	LAA	9	0	33	85	92	93
B»	CANOPY XL 56.3	0.062	LAA	0					65
C»	AUTHORITY	0.052	LAA	9					
D	CLASSIC 25WG	0.01	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
13A»	V-10148 50WG	0.075	LAA	9	0	33	93	96	98
B»	V-10149 25WG	0.025	LAA	9					75
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					

TITLE: Waterhemp Competition and Control in Soybean AS-400

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	CHEAL	POLPY	ABUTH
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/11/04	06/11/04	06/11/04	06/11/04	06/11/04	06/11/04
14A»	WEATHERMAX 4.5	0.75	LAA 14	0					
B»	LIQUID AMS	2.50	PMV 14						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	TOUCHDN TOTAL	0.75	LAA 13	0					
B»	LIQUID AMS	2.50	PMV 13						
17A»	TOUCHDN TOTAL	0.75	LAA 14	0					
B»	LIQUID AMS	2.50	PMV 14						
18A»	TOUCHDN TOTAL	0.75	LAA 11	0					
B»	LIQUID AMS	2.50	PMV 11						
C»	TOUCHDN TOTAL	0.56	LAA 14						
D»	LIQUID AMS	2.50	PMV 14						
LSD (0.05)				0.00	12.00	5.52	4.00	4.59	13.00
STANDARD DEVIATION				0.00	5.83	2.69	1.93	2.23	6.32

TITLE: Waterhemp Competition and Control in Soybean AS-400

CREATED: 04/22/2004 REVISED: 10/27/2004

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/11/04	06/28/04	06/28/04	06/28/04	06/28/04
1A»	BOUNDARY 6.5EC	0.81	LAA	9	33	0	99	99	98
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
2A»	BOUNDARY 6.5EC	1.22	LAA	9	50	0	99	99	99
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
3A»	BOUNDARY 6.5EC	1.22	LAA	9	50	0	99	99	99
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
D»	WARRIOR 1 CS	3.20	ZMA	15					
E»	QUADRI 2.08L	6.20	ZMA	15					
4A»	BOUNDARY 6.5EC	1.63	LAA	9	67	22	90	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					
C»	MSO	1.00	PMV	13					
D	28% UAN	2.50	PMV	13					
5A»	BOUNDARY 6.5EC	1.63	LAA	9	65	22	99	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					
C	FUSION	0.21	LAA	13					
D»	MSO	1.00	PMV	13					
E	28% UAN	2.50	PMV	13					
6A»	VALOR SX 51WDG	0.047	LAA	9	30	0	96	99	96
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
7A»	VALOR SX 51WDG	0.063	LAA	9	37	0	94	99	99
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
8A»	VALOR SX 51WDG	0.078	LAA	9	43	0	94	99	98
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
9A»	VALOR SX 51WDG	0.047	LAA	9	72	0	94	98	99
B»	FIRSTRATE 84WG	0.016	LAA	9					
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					
10A»	VALOR SX 51WDG	0.047	LAA	9	68	0	96	99	99
B»	CANOPY XL 56.3	0.035	LAA	0					
C»	AUTHORITY	0.029	LAA	9					
D	CLASSIC 25WG	0.06	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
11A»	VALOR SX 51WDG	0.047	LAA	9	70	0	97	97	96
B»	CANOPY XL 56.3	0.088	LAA	0					
C»	AUTHORITY	0.073	LAA	9					
D	CLASSIC 25WG	0.015	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
12A»	VALOR SX 51WDG	0.047	LAA	9	37	0	95	98	99
B»	CANOPY XL 56.3	0.062	LAA	0					
C»	AUTHORITY	0.052	LAA	9					
D	CLASSIC 25WG	0.01	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
13A»	V-10148 50WG	0.075	LAA	9	57	0	97	99	99
B»	V-10149 25WG	0.025	LAA	9					
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					

TITLE: Waterhemp Competition and Control in Soybean AS-400

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	CHEAL	POLPY
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/11/04	06/28/04	06/28/04	06/28/04	06/28/04	06/28/04
14A»	WEATHERMAX 4.5	0.75	LAA 14		0	94	81	82	72
B»	LIQUID AMS	2.50	PMV 14						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	TOUCHDN TOTAL	0.75	LAA 13		0	99	96	97	94
B»	LIQUID AMS	2.50	PMV 13						
17A»	TOUCHDN TOTAL	0.75	LAA 14		0	95	80	85	77
B»	LIQUID AMS	2.50	PMV 14						
18A»	TOUCHDN TOTAL	0.75	LAA 11		0	99	99	99	99
B»	LIQUID AMS	2.50	PMV 11						
C»	TOUCHDN TOTAL	0.56	LAA 14						
D»	LIQUID AMS	2.50	PMV 14						
LSD (0.05)				15.36	1.61	1.87	2.51	1.47	3.44
STANDARD DEVIATION				7.47	0.797	0.925	1.24	0.728	1.70

TITLE: Waterhemp Competition and Control in Soybean AS-400

CREATED: 04/22/2004 REVISED: 10/27/2004

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		ABUTH	XANST	GLXMA	SETFA	AMATA	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/28/04	06/28/04	07/19/04	07/19/04	07/19/04
1A»	BOUNDARY 6.5EC	0.81	LAA	9	99	99	0	98	98
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
2A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	0	98	99
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
3A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	0	99	98
B»	TOUCHDN TOTAL	0.75	LAA	13					
C»	LIQUID AMS	2.50	PMV	13					
D»	WARRIOR 1 CS	3.20	ZMA	15					
E»	QUADRI 2.08L	6.20	ZMA	15					
4A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	7	78	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					
C»	MSO	1.00	PMV	13					
D	28% UAN	2.50	PMV	13					
5A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	7	95	99
B»	FLEXSTAR 1.88M	0.294	LAA	13					
C	FUSION	0.21	LAA	13					
D»	MSO	1.00	PMV	13					
E	28% UAN	2.50	PMV	13					
6A»	VALOR SX 51WDG	0.047	LAA	9	98	97	3	99	99
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
7A»	VALOR SX 51WDG	0.063	LAA	9	99	98	5	99	99
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
8A»	VALOR SX 51WDG	0.078	LAA	9	98	98	2	99	99
B»	WEATHERMAX 4.5	0.75	LAA	14					
C»	LIQUID AMS	2.50	PMV	14					
9A»	VALOR SX 51WDG	0.047	LAA	9	99	98	2	99	99
B»	FIRSTRATE 84WG	0.016	LAA	9					
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					
10A»	VALOR SX 51WDG	0.047	LAA	9	99	99	0	99	99
B»	CANOPY XL 56.3	0.035	LAA	0					
C»	AUTHORITY	0.029	LAA	9					
D	CLASSIC 25WG	0.06	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
11A»	VALOR SX 51WDG	0.047	LAA	9	99	98	0	99	99
B»	CANOPY XL 56.3	0.088	LAA	0					
C»	AUTHORITY	0.073	LAA	9					
D	CLASSIC 25WG	0.015	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
12A»	VALOR SX 51WDG	0.047	LAA	9	99	98	0	99	99
B»	CANOPY XL 56.3	0.062	LAA	0					
C»	AUTHORITY	0.052	LAA	9					
D	CLASSIC 25WG	0.01	LAA	9					
E»	WEATHERMAX 4.5	0.75	LAA	14					
F»	LIQUID AMS	2.50	PMV	14					
13A»	V-10148 50WG	0.075	LAA	9	99	99	0	99	99
B»	V-10149 25WG	0.025	LAA	9					
C»	WEATHERMAX 4.5	0.75	LAA	14					
D»	LIQUID AMS	2.50	PMV	14					

TITLE: Waterhemp Competition and Control in Soybean AS-400

TRT	TREATMENT	DOSAGE		ABUTH	XANST	GLXMA	SETFA	AMATA	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/28/04	06/28/04	07/19/04	07/19/04	07/19/04	07/19/04
14A»	WEATHERMAX 4.5	0.75	LAA 14	79	95	3	99	96	94
B»	LIQUID AMS	2.50	PMV 14						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	TOUCHDN TOTAL	0.75	LAA 13	99	99	2	99	98	99
B»	LIQUID AMS	2.50	PMV 13						
17A»	TOUCHDN TOTAL	0.75	LAA 14	85	96	5	99	96	95
B»	LIQUID AMS	2.50	PMV 14						
18A»	TOUCHDN TOTAL	0.75	LAA 11	99	99	0	96	98	99
B»	LIQUID AMS	2.50	PMV 11						
C»	TOUCHDN TOTAL	0.56	LAA 14						
D»	LIQUID AMS	2.50	PMV 14						
LSD (0.05)				2.39	1.36	2.91	3.10	1.55	1.13
STANDARD DEVIATION				1.18	0.673	1.44	1.53	0.766	0.561

TITLE: Waterhemp Competition and Control in Soybean AS-400

CREATED: 04/22/2004 REVISED: 10/27/2004

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE	POLPY	ABUTH	XANST	YIELD
NUM	COMPONENT	RATE	CON %	CON %	CON %	BU/A
		UNIT	TM	07/19/04	07/19/04	07/19/04
						10/08/04
1A»	BOUNDARY 6.5EC	0.81	LAA 9	99	98	98
B»	TOUCHDN TOTAL	0.75	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
2A»	BOUNDARY 6.5EC	1.22	LAA 9	99	98	98
B»	TOUCHDN TOTAL	0.75	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
3A»	BOUNDARY 6.5EC	1.22	LAA 9	99	98	97
B»	TOUCHDN TOTAL	0.75	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
D»	WARRIOR 1 CS	3.20	ZMA 15			
E»	QUADRI 2.08L	6.20	ZMA 15			
4A»	BOUNDARY 6.5EC	1.63	LAA 9	99	99	99
B»	FLEXSTAR 1.88M	0.294	LAA 13			
C»	MISO	1.00	PMV 13			
D	28% UAN	2.50	PMV 13			
5A»	BOUNDARY 6.5EC	1.63	LAA 9	98	98	98
B»	FLEXSTAR 1.88M	0.294	LAA 13			
C	FUSION	0.21	LAA 13			
D»	MISO	1.00	PMV 13			
E	28% UAN	2.50	PMV 13			
6A»	VALOR SX 51WDG	0.047	LAA 9	99	99	99
B»	WEATHERMAX 4.5	0.75	LAA 14			
C»	LIQUID AMS	2.50	PMV 14			
7A»	VALOR SX 51WDG	0.063	LAA 9	99	98	98
B»	WEATHERMAX 4.5	0.75	LAA 14			
C»	LIQUID AMS	2.50	PMV 14			
8A»	VALOR SX 51WDG	0.078	LAA 9	99	99	99
B»	WEATHERMAX 4.5	0.75	LAA 14			
C»	LIQUID AMS	2.50	PMV 14			
9A»	VALOR SX 51WDG	0.047	LAA 9	99	99	99
B»	FIRSTRATE 84WG	0.016	LAA 9			
C»	WEATHERMAX 4.5	0.75	LAA 14			
D»	LIQUID AMS	2.50	PMV 14			
10A»	VALOR SX 51WDG	0.047	LAA 9	99	99	99
B»	CANOPY XL 56.3	0.035	LAA 0			
C»	AUTHORITY	0.029	LAA 9			
D	CLASSIC 25WG	0.06	LAA 9			
E»	WEATHERMAX 4.5	0.75	LAA 14			
F»	LIQUID AMS	2.50	PMV 14			
11A»	VALOR SX 51WDG	0.047	LAA 9	99	99	99
B»	CANOPY XL 56.3	0.088	LAA 0			
C»	AUTHORITY	0.073	LAA 9			
D	CLASSIC 25WG	0.015	LAA 9			
E»	WEATHERMAX 4.5	0.75	LAA 14			
F»	LIQUID AMS	2.50	PMV 14			
12A»	VALOR SX 51WDG	0.047	LAA 9	99	99	99
B»	CANOPY XL 56.3	0.062	LAA 0			
C»	AUTHORITY	0.052	LAA 9			
D	CLASSIC 25WG	0.01	LAA 9			
E»	WEATHERMAX 4.5	0.75	LAA 14			
F»	LIQUID AMS	2.50	PMV 14			
13A»	V-10148 50WG	0.075	LAA 9	99	99	99
B»	V-10149 25WG	0.025	LAA 9			
C»	WEATHERMAX 4.5	0.75	LAA 14			
D»	LIQUID AMS	2.50	PMV 14			

TITLE: Waterhemp Competition and Control in Soybean AS-400

TRT	TREATMENT	DOSAGE	POLPY	ABUTH	XANST	YIELD	
NUM	COMPONENT	RATE	CON %	CON %	CON %	BU/A	
		UNIT	TM	07/19/04	07/19/04	07/19/04	10/08/04
14A»	WEATHERMAX 4.5	0.75	LAA 14	96	96	98	66.7
B»	LIQUID AMS	2.50	PMV 14				
15A	CHECK	0.00	NA 0	0	0	0	10.6
16A»	TOUCHDN TOTAL	0.75	LAA 13	98	99	98	64.2
B»	LIQUID AMS	2.50	PMV 13				
17A»	TOUCHDN TOTAL	0.75	LAA 14	98	98	97	69.7
B»	LIQUID AMS	2.50	PMV 14				
18A»	TOUCHDN TOTAL	0.75	LAA 11	99	98	96	66.0
B»	LIQUID AMS	2.50	PMV 11				
C»	TOUCHDN TOTAL	0.56	LAA 14				
D»	LIQUID AMS	2.50	PMV 14				
LSD (0.05)				0.942	1.12	1.47	6.42
STANDARD DEVIATION				0.466	0.556	0.726	3.18

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/18/2004(1)
11 = ----- / EPOST 06/12/2004(2)
13 = ----- / LPOST 06/18/2004(3)
14 = ----- / VLPOST 06/23/2004(4)
15 = ----- / PO.DIRECTED 06/28/2004(5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/11/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/11/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/11/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/11/2004	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/11/2004	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/11/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/28/2004	01	P	GLXMA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/28/2004	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/28/2004	03	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/28/2004	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	06/28/2004	05	P	POLPY	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/28/2004	06	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/28/2004	07	P	XANST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/19/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/19/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	07/19/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/19/2004	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	POLPY	CON %	07/19/2004	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	07/19/2004	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/19/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/08/2004	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 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED