

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/04/05	05/20/05	05/31/05	06/09/05	06/20/05	AME
AIR TEMPERATURE	62	64	79	83	75	F
% REL.HUMIDITY	30	60	25	45	52	
WIND DIRECTION	---	NORTHEAST	NORTHEAST	SOUTHWEST	---	
WIND SPEED	0.0	5.0	3.0	3.0	0.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	CLEAR	CLEAR	
DEW	---	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	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 ***						
CORN, DENT		---/12	---/14	---/15	---/17	
ASGROW 715 RR		4.00/4.00	10.0/10.0	18.0/18.0	30.0/30.0	IN
05/04/2005						
*** PEST ***						
VELVETLEAF		---/11	---/14	---/16	---/18	
		1.00/2.00	2.00/4.00	4.00/8.00	4.00/12.0	IN
WATERHEMP, COMMO		---/16	---/19	---/19	---/19	
		1.00/2.00	2.00/4.00	4.00/10.0	4.00/12.0	IN
LAMBSQUARTERS, C		---/16	---/19	---/19	---/19	
		1.00/2.00	2.00/4.00	4.00/10.0	4.00/12.0	IN
MORNINGGLORY, TA		---/10	---/15	---/19	---/19	
		1.00/1.00	1.00/3.00	4.00/6.00	4.00/8.00	IN
FOXTAIL, GIANT		---/12	---/13	---/14	---/16	
		1.00/2.00	2.00/6.00	4.00/10.0	4.00/12.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
CREATED: 04/14/2005 **REVISED:** 11/03/2005 **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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT		CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05
1A	LUMAX 3.9L	2.94	LAA	9	0	70	57	99	98	99
2A	LUMAX 3.9L	2.94	LAA	9	0	73	67	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	LEXAR 3.7L	3.24	LAA	9	0	68	63	99	98	99
4A	LEXAR 3.7L	3.24	LAA	9	0	73	73	99	99	99
	B PRINCEP 4L	1.00	LAA	9						
5A	KEYSTONE 5.25	3.41	LAA	9	0	77	57	99	96	99
	B HORNET 68.5WG	0.171	LAA	9						
6A	DEFINE SC 4	0.56	LAA	9	0	63	40	98	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.067	LAA	9						
7A	GUARDS MAX 5L	2.50	LAA	9	0	67	37	99	96	99
	B BALANCE PRO 4	0.07	LAA	9						
8A	CAMIX 3.67SC	1.47	LAA	11						
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
9A	LUMAX	1.96	LAA	11						
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
10A	LEXAR 3.7L	2.08	LAA	11						
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
11A	CAMIX 3.67SC	1.47	LAA	9	0	50	35	99	85	99
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
12A	LUMAX	1.96	LAA	9	0	50	20	98	65	98
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
13A	LEXAR 3.7L	2.08	LAA	9	0	62	57	99	96	99
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
14A	LEXAR 3.7L	1.62	LAA	9	0	68	55	99	96	99
	B LEXAR 3.7L	1.62	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
15A	GUARDS MAX 5L	2.50	LAA	9	0	83	80	95	99	99
	B MARKSMAN SC	1.20	LAA	9						
	C ACTIVATOR 90	0.25	PMV	9						
16A	DUAL II MAGNUM	1.59	LAA	9	0	57	20	99	70	96
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	BICEP II MAG	3.56	LAA	9	0	77	50	91	96	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	WEATHERMAX 4.5	0.77	LAA	11						
	B LIQUID AMS	2.50	PMV	11						

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT	TM	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05	CON % 05/23/05
20A	WEATHERMAX 4.5	0.77	LAA	12						
	B»LIQUID AMS	2.50	PMV	12						
21A	WEATHERMAX 4.5	1.12	LAA	13						
	B»LIQUID AMS	2.50	PMV	13						
22A	HARNESX XTRA	2.10	LAA	9	0	67	33	96	86	98
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	WEATHERMAX 4.5	0.77	LAA	12						
	B»LIQUID AMS	2.50	PMV	12						
	C»WEATHERMAX 4.5	0.77	LAA	14						
	D»LIQUID AMS	2.50	PMV	14						
24A	BICEP II MAG	2.43	LAA	9	0	47	20	99	86	95
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	9.19	12.00	6.31	17.79	3.00
		STANDARD DEVIATION			0.00	4.55	5.93	3.12	8.80	1.49

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
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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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT		CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05
1A»	LUMAX 3.9L	2.94	LAA	9						
2A»	LUMAX 3.9L	2.94	LAA	9						
	B ATRAZINE DF	1.00	LAA	9						
3A»	LEXAR 3.7L	3.24	LAA	9						
4A»	LEXAR 3.7L	3.24	LAA	9						
	B PRINCEP 4L	1.00	LAA	9						
5A	KEYSTONE 5.25	3.41	LAA	9						
	B HORNET 68.5WG	0.171	LAA	9						
6A	DEFINE SC 4	0.56	LAA	9						
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.067	LAA	9						
7A»	GUARDS MAX 5L	2.50	LAA	9						
	B BALANCE PRO 4	0.07	LAA	9						
8A	CAMIX 3.67SC	1.47	LAA	11	0	98	67	95	98	98
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
9A	LUMAX	1.96	LAA	11	0	96	62	95	96	98
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
10A»	LEXAR 3.7L	2.08	LAA	11	0	98	62	98	98	98
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
11A	CAMIX 3.67SC	1.47	LAA	9						
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	LUMAX	1.96	LAA	9						
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	LEXAR 3.7L	2.08	LAA	9						
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A»	LEXAR 3.7L	1.62	LAA	9	0	70	67	99	99	99
	B»LEXAR 3.7L	1.62	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
15A»	GUARDS MAX 5L	2.50	LAA	9						
	B MARKSMAN SC	1.20	LAA	9						
	C»ACTIVATOR 90	0.25	PMV	9						
16A	DUAL II MAGNUM	1.59	LAA	9						
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	BICEP II MAG	3.56	LAA	9						
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	WEATHERMAX 4.5	0.77	LAA	11	0	98	30	92	99	99
	B»LIQUID AMS	2.50	PMV	11						

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05	CON % 06/01/05
20A	WEATHERMAX 4.5	0.77	LAA	12						
	B»LIQUID AMS	2.50	PMV	12						
21A	WEATHERMAX 4.5	1.12	LAA	13						
	B»LIQUID AMS	2.50	PMV	13						
22A	HARNESS XTRA	2.10	LAA	9						
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	WEATHERMAX 4.5	0.77	LAA	12						
	B»LIQUID AMS	2.50	PMV	12						
	C»WEATHERMAX 4.5	0.77	LAA	14						
	D»LIQUID AMS	2.50	PMV	14						
24A	BICEP II MAG	2.43	LAA	9						
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	5.10	7.00	4.49	2.54	2.30
		STANDARD DEVIATION			0.00	2.29	3.13	2.00	1.14	1.00

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
CREATED: 04/14/2005 **REVISED:** 11/03/2005 **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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT		CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05
1A»	LUMAX 3.9L	2.94	LAA	9						
2A»	LUMAX 3.9L	2.94	LAA	9						
	B ATRAZINE DF	1.00	LAA	9						
3A»	LEXAR 3.7L	3.24	LAA	9						
4A»	LEXAR 3.7L	3.24	LAA	9						
	B PRINCEP 4L	1.00	LAA	9						
5A	KEYSTONE 5.25	3.41	LAA	9						
	B HORNET 68.5WG	0.171	LAA	9						
6A	DEFINE SC 4	0.56	LAA	9						
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.067	LAA	9						
7A»	GUARDS MAX 5L	2.50	LAA	9						
	B BALANCE PRO 4	0.07	LAA	9						
8A	CAMIX 3.67SC	1.47	LAA	11						
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
9A	LUMAX	1.96	LAA	11						
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
10A»	LEXAR 3.7L	2.08	LAA	11						
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
11A	CAMIX 3.67SC	1.47	LAA	9	0	88	62	99	93	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	LUMAX	1.96	LAA	9	0	93	57	99	93	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	LEXAR 3.7L	2.08	LAA	9	0	92	62	99	96	96
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A»	LEXAR 3.7L	1.62	LAA	9						
	B»LEXAR 3.7L	1.62	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
15A»	GUARDS MAX 5L	2.50	LAA	9						
	B MARKSMAN SC	1.20	LAA	9						
	C»ACTIVATOR 90	0.25	PMV	9						
16A	DUAL II MAGNUM	1.59	LAA	9	0	47	72	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	BICEP II MAG	3.56	LAA	9	0	58	70	99	98	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	WEATHERMAX 4.5	0.77	LAA	11						
	B»LIQUID AMS	2.50	PMV	11						

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05	CON % 06/15/05
20A	WEATHERMAX 4.5	0.77	LAA	12	0	92	58	99	77	93
	B»LIQUID AMS	2.50	PMV	12						
21A	WEATHERMAX 4.5	1.12	LAA	13						
	B»LIQUID AMS	2.50	PMV	13						
22A	HARNESS XTRA	2.10	LAA	9	0	88	57	99	87	95
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	WEATHERMAX 4.5	0.77	LAA	12	0	92	50	99	87	95
	B»LIQUID AMS	2.50	PMV	12						
	C»WEATHERMAX 4.5	0.77	LAA	14						
	D»LIQUID AMS	2.50	PMV	14						
24A	BICEP II MAG	2.43	LAA	9	0	93	57	99	87	92
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	6.37	7.18	0.00	5.70	5.21
		STANDARD DEVIATION			0.00	3.00	3.42	0.00	2.71	2.48

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
CREATED: 04/14/2005 **REVISED:** 11/03/2005 **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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT		CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05
1A»	LUMAX 3.9L	2.94	LAA	9	0	33	17	99	95	99
2A»	LUMAX 3.9L	2.94	LAA	9	0	37	17	99	98	96
	B ATRAZINE DF	1.00	LAA	9						
3A»	LEXAR 3.7L	3.24	LAA	9	0	37	23	99	98	98
4A»	LEXAR 3.7L	3.24	LAA	9	0	43	17	98	99	99
	B PRINCEP 4L	1.00	LAA	9						
5A	KEYSTONE 5.25	3.41	LAA	9	0	43	7	60	93	93
	B HORNET 68.5WG	0.171	LAA	9						
6A	DEFINE SC 4	0.56	LAA	9	0	47	7	99	96	92
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.067	LAA	9						
7A»	GUARDS MAX 5L	2.50	LAA	9	0	50	10	90	96	96
	B BALANCE PRO 4	0.07	LAA	9						
8A	CAMIX 3.67SC	1.47	LAA	11	0	40	17	37	63	40
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
9A	LUMAX	1.96	LAA	11	0	37	20	72	68	52
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
10A»	LEXAR 3.7L	2.08	LAA	11	0	40	10	37	47	37
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
11A	CAMIX 3.67SC	1.47	LAA	9	0	96	73	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	LUMAX	1.96	LAA	9	0	95	70	99	95	98
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	LEXAR 3.7L	2.08	LAA	9	0	90	75	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A»	LEXAR 3.7L	1.62	LAA	9	0	40	20	99	99	94
	B»LEXAR 3.7L	1.62	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
15A»	GUARDS MAX 5L	2.50	LAA	9	0	55	37	90	99	95
	B MARKSMAN SC	1.20	LAA	9						
	C»ACTIVATOR 90	0.25	PMV	9						
16A	DUAL II MAGNUM	1.59	LAA	9	0	57	77	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	BICEP II MAG	3.56	LAA	9	0	67	78	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	WEATHERMAX 4.5	0.77	LAA	11	0	30	0	33	43	30
	B»LIQUID AMS	2.50	PMV	11						

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05	CON % 06/21/05
20A	WEATHERMAX 4.5	0.77	LAA	12	0	92	65	99	80	88
	B»LIQUID AMS	2.50	PMV	12						
21A	WEATHERMAX 4.5	1.12	LAA	13	0	99	73	99	98	99
	B»LIQUID AMS	2.50	PMV	13						
22A	HARNESS XTRA	2.10	LAA	9	0	93	72	99	95	96
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	WEATHERMAX 4.5	0.77	LAA	12	0	93	60	99	83	83
	B»LIQUID AMS	2.50	PMV	12						
	C»WEATHERMAX 4.5	0.77	LAA	14						
	D»LIQUID AMS	2.50	PMV	14						
24A	BICEP II MAG	2.43	LAA	9	0	93	62	99	87	93
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	7.94	14.25	8.62	10.38	9.32
		STANDARD DEVIATION			0.00	4.00	7.12	4.31	5.19	4.66

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
CREATED: 04/14/2005 **REVISED:** 11/03/2005 **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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT		CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05
1A	LUMAX 3.9L	2.94	LAA	9	0	33	17	99	96	96
2A	LUMAX 3.9L	2.94	LAA	9	0	33	17	99	93	98
	B ATRAZINE DF	1.00	LAA	9						
3A	LEXAR 3.7L	3.24	LAA	9	0	30	23	96	96	95
4A	LEXAR 3.7L	3.24	LAA	9	0	37	17	96	99	99
	B PRINCEP 4L	1.00	LAA	9						
5A	KEYSTONE 5.25	3.41	LAA	9	0	43	15	70	83	91
	B HORNET 68.5WG	0.171	LAA	9						
6A	DEFINE SC 4	0.56	LAA	9	0	40	10	98	94	88
	B ATRAZINE DF	1.00	LAA	9						
	C BALANCE PRO 4	0.067	LAA	9						
7A	GUARDS MAX 5L	2.50	LAA	9	0	40	20	87	90	91
	B BALANCE PRO 4	0.07	LAA	9						
8A	CAMIX 3.67SC	1.47	LAA	11	0	37	17	37	58	33
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
9A	LUMAX	1.96	LAA	11	0	33	20	53	53	47
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
10A	LEXAR 3.7L	2.08	LAA	11	0	43	10	35	47	35
	B TOUCHDN TOTAL	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
11A	CAMIX 3.67SC	1.47	LAA	9	0	88	75	99	99	99
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
12A	LUMAX	1.96	LAA	9	0	93	77	99	96	98
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
13A	LEXAR 3.7L	2.08	LAA	9	0	85	75	99	96	99
	B TOUCHDN TOTAL	0.78	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
14A	LEXAR 3.7L	1.62	LAA	9	0	37	20	99	99	90
	B LEXAR 3.7L	1.62	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
15A	GUARDS MAX 5L	2.50	LAA	9	0	50	33	90	93	93
	B MARKSMAN SC	1.20	LAA	9						
	C ACTIVATOR 90	0.25	PMV	9						
16A	DUAL II MAGNUM	1.59	LAA	9	0	53	70	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A	BICEP II MAG	3.56	LAA	9	0	57	70	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	WEATHERMAX 4.5	0.77	LAA	11	0	30	0	30	30	30
	B LIQUID AMS	2.50	PMV	11						

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	PHBPU	ABUTH	CHEAL	AMATA
		RATE	UNIT	TM	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05	CON % 07/19/05
20A	WEATHERMAX 4.5	0.77	LAA	12	0	80	67	99	87	87
	B»LIQUID AMS	2.50	PMV	12						
21A	WEATHERMAX 4.5	1.12	LAA	13	0	83	73	99	98	99
	B»LIQUID AMS	2.50	PMV	13						
22A	HARNESS XTRA	2.10	LAA	9	0	87	72	99	90	93
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	WEATHERMAX 4.5	0.77	LAA	12	0	93	68	99	94	93
	B»LIQUID AMS	2.50	PMV	12						
	C»WEATHERMAX 4.5	0.77	LAA	14						
	D»LIQUID AMS	2.50	PMV	14						
24A	BICEP II MAG	2.43	LAA	9	0	90	60	99	90	90
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	8.86	13.92	10.30	16.47	10.66
		STANDARD DEVIATION			0.00	4.43	7.00	5.15	8.24	5.33

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200
CREATED: 04/14/2005 **REVISED:** 11/03/2005 **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 NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/06/05
		RATE	UNIT TM	
1A	LUMAX 3.9L	2.94	LAA 9	155.2
2A	LUMAX 3.9L	2.94	LAA 9	153.1
	B ATRAZINE DF	1.00	LAA 9	
3A	LEXAR 3.7L	3.24	LAA 9	129.1
4A	LEXAR 3.7L	3.24	LAA 9	151.6
	B PRINCEP 4L	1.00	LAA 9	
5A	KEYSTONE 5.25	3.41	LAA 9	164.0
	B HORNET 68.5WG	0.171	LAA 9	
6A	DEFINE SC 4	0.56	LAA 9	176.6
	B ATRAZINE DF	1.00	LAA 9	
	C BALANCE PRO 4	0.067	LAA 9	
7A	GUARDS MAX 5L	2.50	LAA 9	186.4
	B BALANCE PRO 4	0.07	LAA 9	
8A	CAMIX 3.67SC	1.47	LAA 11	178.6
	B TOUCHDN TOTAL	0.78	LAA 11	
	C LIQUID AMS	2.50	PMV 11	
9A	LUMAX	1.96	LAA 11	161.9
	B TOUCHDN TOTAL	0.78	LAA 11	
	C LIQUID AMS	2.50	PMV 11	
10A	LEXAR 3.7L	2.08	LAA 11	181.7
	B TOUCHDN TOTAL	0.78	LAA 11	
	C LIQUID AMS	2.50	PMV 11	
11A	CAMIX 3.67SC	1.47	LAA 9	185.2
	B TOUCHDN TOTAL	0.78	LAA 12	
	C LIQUID AMS	2.50	PMV 12	
12A	LUMAX	1.96	LAA 9	209.5
	B TOUCHDN TOTAL	0.78	LAA 12	
	C LIQUID AMS	2.50	PMV 12	
13A	LEXAR 3.7L	2.08	LAA 9	174.7
	B TOUCHDN TOTAL	0.78	LAA 12	
	C LIQUID AMS	2.50	PMV 12	
14A	LEXAR 3.7L	1.62	LAA 9	156.0
	B LEXAR 3.7L	1.62	LAA 11	
	C ACTIVATOR 90	0.25	PMV 11	
15A	GUARDS MAX 5L	2.50	LAA 9	150.0
	B MARKSMAN SC	1.20	LAA 9	
	C ACTIVATOR 90	0.25	PMV 9	
16A	DUAL II MAGNUM	1.59	LAA 9	168.0
	B CALLISTO 4SC	0.094	LAA 12	
	C ATRAZINE DF	0.50	LAA 12	
	D COC	1.00	PMV 12	
	E 28% UAN	2.50	PMV 12	
17A	BICEP II MAG	3.56	LAA 9	154.8
	B CALLISTO 4SC	0.094	LAA 12	
	C ATRAZINE DF	0.50	LAA 12	
	D COC	1.00	PMV 12	
	E 28% UAN	2.50	PMV 12	
18A	CHECK	0.00	NA 0	142.5
19A	WEATHERMAX 4.5	0.77	LAA 11	158.7
	B LIQUID AMS	2.50	PMV 11	

TITLE: Mesotrione and Glyphosate Timings in Glyphosate Resistant Corn. AS-200

TRT	TREATMENT	DOSAGE	YIELD
NUM	COMPONENT	RATE UNIT	BU/A TM 10/06/05
20A	WEATHERMAX 4.5	0.77 LAA 12	192.8
	B»LIQUID AMS	2.50 PMV 12	
21A	WEATHERMAX 4.5	1.12 LAA 13	180.1
	B»LIQUID AMS	2.50 PMV 13	
22A	HARNESS XTRA	2.10 LAA 9	204.9
	B»WEATHERMAX 4.5	0.77 LAA 12	
	C»LIQUID AMS	2.50 PMV 12	
23A	WEATHERMAX 4.5	0.77 LAA 12	195.2
	B»LIQUID AMS	2.50 PMV 12	
	C»WEATHERMAX 4.5	0.77 LAA 14	
	D»LIQUID AMS	2.50 PMV 14	
24A	BICEP II MAG	2.43 LAA 9	211.2
	B»TOUCHDN TOTAL	0.78 LAA 12	
	C»LIQUID AMS	2.50 PMV 12	
		LSD (0.05)	29.46
		STANDARD DEVIATION	14.73

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/04/2005(1)
- 11 = ----- / EPOST 05/20/2005(2)
- 12 = ----- / POST 05/31/2005(3)
- 13 = ----- / LPOST 06/09/2005(4)
- 14 = ----- / VLPOST 06/20/2005(5)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	05/23/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/23/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	05/23/2005	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/23/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/23/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	05/23/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/01/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/01/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	06/01/2005	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/01/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/01/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/01/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/15/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/15/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/15/2005	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	06/15/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/15/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/15/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	CON %	06/21/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	06/21/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	06/21/2005	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	06/21/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	06/21/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	CON %	06/21/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ZEAMD	CON %	07/19/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	SETFA	CON %	07/19/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	07/19/2005	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	ABUTH	CON %	07/19/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	CHEAL	CON %	07/19/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	AMATA	CON %	07/19/2005	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	YIELD	BU/A	10/06/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR