

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	10	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/04/05	05/20/05	05/27/05	06/01/05	06/09/05	AME
AIR TEMPERATURE	62	64	78	79	84	F
% REL.HUMIDITY	30	60	25	30	45	
WIND DIRECTION	---	NORTHEAST	WEST	NORTHEAST	SOUTHWEST	
WIND SPEED	0.0	5.0	7.0	3.0	3.0	M/H
CLOUD COVER	CLEAR	CLOUDY	PARTCLDY	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	---/13	---/14	---/15	
ASGROW 715 RR		4.00/4.00	6.00/6.00	10.0/10.0	18.0/18.0	IN
05/04/2005						
*** PEST ***						
VELVETLEAF		---/10	---/11	---/13	---/16	
		0.50/0.50	1.00/1.00	2.00/4.00	4.00/6.00	IN
WATERHEMP, COMMO		---/14	---/16	---/19	---/19	
		0.50/0.50	1.00/2.00	2.00/4.00	4.00/8.00	IN
LAMBSQUARTERS, C		---/15	---/17	---/19	---/19	
		1.00/1.00	1.00/2.00	2.00/4.00	4.00/8.00	IN
MORNINGGLORY, TA		---/10	---/12	---/16	---/18	
		1.00/1.00	1.00/2.00	1.00/3.00	3.00/5.00	IN
SMARTWEED, PENNS		---/14	---/17	---/19	---/19	
		1.00/2.00	1.00/3.00	2.00/4.00	4.00/8.00	IN
FOXTAIL, GIANT		---/11	---/12	---/13	---/14	
		1.00/2.00	1.00/3.00	4.00/4.00	4.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200
CREATED: 04/18/2005 **REVISED:** 11/29/2005 **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	POLPY	CHEAL	AMATA	ABUTH
		RATE	UNIT		CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05
1A	DEGREE XTRA	1.52	LAA	9	0	73	67	73	78	57
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	STALWART EXTRA	1.83	LAA	9	0	76	57	70	73	57
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	KIH-485 60WG	0.09	LAA	9	0	70	65	68	70	60
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A»	KIH-485 60WG	0.19	LAA	9	0	80	75	82	82	78
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12	0					
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
6A»	KIH-485 60WG	0.19	LAA	12	0					
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A	ATRAZINE DF	1.50	LAA	9	0	63	80	84	81	62
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C CLARITY	0.25	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»LIQUID AMS	2.50	PMV	10						
8A	ATRAZINE DF	1.50	LAA	9	0	58	75	82	84	67
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
9A	ATRAZINE DF	1.50	LAA	9	0	55	67	75	76	58
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»LIQUID AMS	2.50	PMV	10						
10A»	WEATHERMAX 4.5	0.56	LAA	10	0					
	B CLARITY	0.25	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
11A»	WEATHERMAX 4.5	0.56	LAA	10	0					
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
12A»	WEATHERMAX 4.5	0.56	LAA	10	0					
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
13A»	WEATHERMAX 4.5	0.56	LAA	10	0					
	B DISTINCT 70SG	0.131	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	0.75	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
14A»	WEATHERMAX 4.5	0.56	LAA	10	0					
	B PROWL H2O 3.8	1.19	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	POLPY	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05
15A	GUARDSMAN MAX	1.25	LAA	9	0	73	68	72	75	57
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
16A	KEYSTONE 5.25	1.97	LAA	9	0	79	76	78	77	67
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A»	WEATHERMAX 4.5	0.75	LAA	12	0					
	B»LIQUID AMS	2.50	PMV	12						
18A»	WEATHERMAX 4.5	0.75	LAA	11	0					
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A»	TOUCHDN TOTAL	0.75	LAA	11	0					
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
21A	GUARDSMAN MAX	1.25	LAA	9	0	72	67	72	75	60
	B PROWL H2O 3.8	1.19	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
22A	GUARDSMAN MAX	1.25	LAA	9	0	72	57	67	68	58
	B PROWL H2O 3.8	2.38	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
23A	GUARDSMAN MAX	1.25	LAA	9	0	68	67	73	77	58
	B»PENDIMAX 3.3L	1.24	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
24A	GUARDSMAN MAX	1.25	LAA	9	0	67	65	73	78	60
	B»PENDIMAX 3.3L	2.48	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
	LSD (0.05)				0.00	9.25	9.00	9.41	8.26	11.17
	STANDARD DEVIATION				0.00	4.50	4.38	4.57	4.00	5.43

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200
CREATED: 04/18/2005 **REVISED:** 11/29/2005 **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	PHBPU	ZEAMD	SETFA	POLPY	CHEAL	AMATA
		RATE	UNIT		CON % 05/19/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05
1A	DEGREE XTRA	1.52	LAA	9	43	0	94	87	99	99
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
2A>>	STALWART EXTRA	1.83	LAA	9	50	0	99	85	99	98
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
3A>>	KIH-485 60WG	0.09	LAA	9	62	0	99	80	97	99
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
4A>>	KIH-485 60WG	0.19	LAA	9	78	0	99	92	99	99
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12		0	99	90	99	99
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
6A>>	KIH-485 60WG	0.19	LAA	12		0	99	79	99	99
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
7A	ATRAZINE DF	1.50	LAA	9	53	0	80	99	98	99
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C CLARITY	0.25	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>LIQUID AMS	2.50	PMV	10						
8A	ATRAZINE DF	1.50	LAA	9	58	0	78	99	99	99
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>ACTIVATOR 90	0.25	PMV	10						
	F>>LIQUID AMS	2.50	PMV	10						
9A	ATRAZINE DF	1.50	LAA	9	47	0	78	98	99	94
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>LIQUID AMS	2.50	PMV	10						
10A>>	WEATHERMAX 4.5	0.56	LAA	10		0	68	99	99	93
	B CLARITY	0.25	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>LIQUID AMS	2.50	PMV	10						
11A>>	WEATHERMAX 4.5	0.56	LAA	10		0	70	99	99	93
	B MARKSMAN SC	1.20	LAA	10						
	C>>LIQUID AMS	2.50	PMV	10						
12A>>	WEATHERMAX 4.5	0.56	LAA	10		0	70	99	99	93
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>ACTIVATOR 90	0.25	PMV	10						
	E>>LIQUID AMS	2.50	PMV	10						
13A>>	WEATHERMAX 4.5	0.56	LAA	10		0	70	98	99	94
	B DISTINCT 70SG	0.131	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	0.75	LAA	10						
	E>>ACTIVATOR 90	0.25	PMV	10						
	F>>LIQUID AMS	2.50	PMV	10						
14A>>	WEATHERMAX 4.5	0.56	LAA	10		0	72	99	99	99
	B PROWL H2O 3.8	1.19	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>LIQUID AMS	2.50	PMV	10						

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	ZEAMD	SETFA	POLPY	CHEAL	AMATA
		RATE	UNIT	TM	CON % 05/19/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05	CON % 06/09/05
15A	GUARDSMAN MAX	1.25	LAA	9	50	0	73	99	99	98
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
16A	KEYSTONE 5.25	1.97	LAA	9	58	0	99	95	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A»	WEATHERMAX 4.5	0.75	LAA	12		0	99	88	99	98
	B»LIQUID AMS	2.50	PMV	12						
18A»	WEATHERMAX 4.5	0.75	LAA	11		0	93	97	97	96
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A»	TOUCHDN TOTAL	0.75	LAA	11		0	92	94	96	96
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
21A	GUARDSMAN MAX	1.25	LAA	9	47	0	43	70	89	85
	B PROWL H2O 3.8	1.19	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
22A	GUARDSMAN MAX	1.25	LAA	9	43	0	43	66	86	88
	B PROWL H2O 3.8	2.38	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
23A	GUARDSMAN MAX	1.25	LAA	9	53	0	50	73	89	91
	B»PENDIMAX 3.3L	1.24	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
24A	GUARDSMAN MAX	1.25	LAA	9	50	0	43	78	92	93
	B»PENDIMAX 3.3L	2.48	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
		LSD (0.05)			10.64	0.00	8.91	8.85	5.79	7.24
		STANDARD DEVIATION			5.17	0.00	4.46	4.43	2.90	3.62

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200
CREATED: 04/18/2005 **REVISED:** 11/29/2005 **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	ABUTH	PHBPU	ZEAMD	SETFA	POLPY	CHEAL
		RATE	UNIT		CON % 06/09/05	CON % 06/09/05	CON % 07/01/05	CON % 07/01/05	CON % 07/01/05	CON % 07/01/05
1A	DEGREE XTRA	1.52	LAA	9	93	86	0	98	99	98
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
2A>>	STALWART EXTRA	1.83	LAA	9	95	87	0	94	97	93
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
3A>>	KIH-485 60WG	0.09	LAA	9	93	88	0	96	98	97
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
4A>>	KIH-485 60WG	0.19	LAA	9	97	92	0	96	99	98
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
5A	HARNES (7EC)	1.00	LAA	12	94	88	0	98	99	98
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
6A>>	KIH-485 60WG	0.19	LAA	12	94	88	0	98	99	97
	B>>WEATHERMAX 4.5	0.75	LAA	12						
	C>>LIQUID AMS	2.50	PMV	12						
7A	ATRAZINE DF	1.50	LAA	9	85	70	0	62	97	96
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C CLARITY	0.25	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>LIQUID AMS	2.50	PMV	10						
8A	ATRAZINE DF	1.50	LAA	9	92	78	0	53	99	98
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>ACTIVATOR 90	0.25	PMV	10						
	F>>LIQUID AMS	2.50	PMV	10						
9A	ATRAZINE DF	1.50	LAA	9	80	73	0	62	94	91
	B>>WEATHERMAX 4.5	0.56	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E>>LIQUID AMS	2.50	PMV	10						
10A>>	WEATHERMAX 4.5	0.56	LAA	10	84	72	0	50	88	85
	B CLARITY	0.25	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>LIQUID AMS	2.50	PMV	10						
11A>>	WEATHERMAX 4.5	0.56	LAA	10	72	67	0	55	98	97
	B MARKSMAN SC	1.20	LAA	10						
	C>>LIQUID AMS	2.50	PMV	10						
12A>>	WEATHERMAX 4.5	0.56	LAA	10	70	60	0	67	96	99
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>ACTIVATOR 90	0.25	PMV	10						
	E>>LIQUID AMS	2.50	PMV	10						
13A>>	WEATHERMAX 4.5	0.56	LAA	10	84	72	0	57	98	94
	B DISTINCT 70SG	0.131	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	0.75	LAA	10						
	E>>ACTIVATOR 90	0.25	PMV	10						
	F>>LIQUID AMS	2.50	PMV	10						
14A>>	WEATHERMAX 4.5	0.56	LAA	10	84	68	0	50	96	88
	B PROWL H2O 3.8	1.19	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D>>LIQUID AMS	2.50	PMV	10						

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	PHBPU	ZEAMD	SETFA	POLPY	CHEAL
		RATE	UNIT	TM	CON % 06/09/05	CON % 06/09/05	CON % 07/01/05	CON % 07/01/05	CON % 07/01/05	CON % 07/01/05
15A	GUARDSMAN MAX	1.25	LAA	9	73	60	0	53	99	99
	B»WEATHERMAX 4.5	0.56	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
16A	KEYSTONE 5.25	1.97	LAA	9	97	93	0	96	98	98
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A»	WEATHERMAX 4.5	0.75	LAA	12	94	91	0	89	86	73
	B»LIQUID AMS	2.50	PMV	12						
18A»	WEATHERMAX 4.5	0.75	LAA	11	85	89	0	89	99	98
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A»	TOUCHDN TOTAL	0.75	LAA	11	78	84	0	86	99	96
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.75	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
21A	GUARDSMAN MAX	1.25	LAA	9	40	33	0	98	92	96
	B PROWL H2O 3.8	1.19	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
22A	GUARDSMAN MAX	1.25	LAA	9	50	37	0	96	86	91
	B PROWL H2O 3.8	2.38	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
23A	GUARDSMAN MAX	1.25	LAA	9	43	37	0	97	96	98
	B»PENDIMAX 3.3L	1.24	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
24A	GUARDSMAN MAX	1.25	LAA	9	43	40	0	98	98	99
	B»PENDIMAX 3.3L	2.48	LAA	13						
	C»WEATHERMAX 4.5	0.75	LAA	13						
	D»MSO	1.00	PMV	13						
	LSD (0.05)				8.23	7.52	0.00	9.64	5.48	5.32
	STANDARD DEVIATION				4.12	3.76	0.00	4.82	2.74	2.66

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200
CREATED: 04/18/2005 **REVISED:** 11/29/2005 **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	AMATA	ABUTH	PHBPU	YIELD
		RATE	UNIT		CON % 07/01/05	CON % 07/01/05	CON % 07/01/05	BU/A 10/05/05
1A	DEGREE XTRA	1.52	LAA	9	98	93	83	174.6
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
2A»	STALWART EXTRA	1.83	LAA	9	95	95	84	163.6
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
3A»	KIH-485 60WG	0.09	LAA	9	96	95	89	168.8
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
4A»	KIH-485 60WG	0.19	LAA	9	99	97	92	174.9
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
5A	HARNES (7EC)	1.00	LAA	12	97	89	83	168.3
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
6A»	KIH-485 60WG	0.19	LAA	12	98	98	93	167.0
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
7A	ATRAZINE DF	1.50	LAA	9	88	71	60	154.8
	B»WEATHERMAX 4.5	0.56	LAA	10				
	C CLARITY	0.25	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E»LIQUID AMS	2.50	PMV	10				
8A	ATRAZINE DF	1.50	LAA	9	89	77	65	151.8
	B»WEATHERMAX 4.5	0.56	LAA	10				
	C DISTINCT 70SG	0.131	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E»ACTIVATOR 90	0.25	PMV	10				
	F»LIQUID AMS	2.50	PMV	10				
9A	ATRAZINE DF	1.50	LAA	9	90	70	60	172.8
	B»WEATHERMAX 4.5	0.56	LAA	10				
	C PROWL H2O 3.8	1.19	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E»LIQUID AMS	2.50	PMV	10				
10A»	WEATHERMAX 4.5	0.56	LAA	10	76	68	50	147.2
	B CLARITY	0.25	LAA	10				
	C ATRAZINE DF	1.00	LAA	10				
	D»LIQUID AMS	2.50	PMV	10				
11A»	WEATHERMAX 4.5	0.56	LAA	10	95	71	60	131.9
	B MARKSMAN SC	1.20	LAA	10				
	C»LIQUID AMS	2.50	PMV	10				
12A»	WEATHERMAX 4.5	0.56	LAA	10	97	75	65	146.7
	B DISTINCT 70SG	0.131	LAA	10				
	C ATRAZINE DF	1.00	LAA	10				
	D»ACTIVATOR 90	0.25	PMV	10				
	E»LIQUID AMS	2.50	PMV	10				
13A»	WEATHERMAX 4.5	0.56	LAA	10	88	60	53	171.2
	B DISTINCT 70SG	0.131	LAA	10				
	C PROWL H2O 3.8	1.19	LAA	10				
	D ATRAZINE DF	0.75	LAA	10				
	E»ACTIVATOR 90	0.25	PMV	10				
	F»LIQUID AMS	2.50	PMV	10				
14A»	WEATHERMAX 4.5	0.56	LAA	10	83	62	50	162.2
	B PROWL H2O 3.8	1.19	LAA	10				
	C ATRAZINE DF	1.00	LAA	10				
	D»LIQUID AMS	2.50	PMV	10				

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	ABUTH	PHBPU	YIELD
		RATE	UNIT		CON % 07/01/05	CON % 07/01/05	CON % 07/01/05	BU/A 10/05/05
15A	GUARDSMAN MAX	1.25	LAA	9	99	78	60	156.2
	B>WEATHERMAX 4.5	0.56	LAA	10				
	C DISTINCT 70SG	0.131	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E>ACTIVATOR 90	0.25	PMV	10				
	F>LIQUID AMS	2.50	PMV	10				
16A	KEYSTONE 5.25	1.97	LAA	9	97	92	90	198.0
	B>GLYPHOMAX XRT	0.75	LAA	12				
	C>LIQUID AMS	2.50	PMV	12				
17A>	WEATHERMAX 4.5	0.75	LAA	12	70	72	72	168.1
	B>LIQUID AMS	2.50	PMV	12				
18A>	WEATHERMAX 4.5	0.75	LAA	11	99	98	87	179.3
	B>LIQUID AMS	2.50	PMV	11				
	C>WEATHERMAX 4.5	0.75	LAA	13				
	D>LIQUID AMS	2.50	PMV	13				
19A	CHECK	0.00	NA	0	0	0	0	103.0
20A>	TOUCHDN TOTAL	0.75	LAA	11	99	94	85	175.0
	B>LIQUID AMS	2.50	PMV	11				
	C>TOUCHDN TOTAL	0.75	LAA	13				
	D>LIQUID AMS	2.50	PMV	13				
21A	GUARDSMAN MAX	1.25	LAA	9	96	93	84	170.2
	B PROWL H2O 3.8	1.19	LAA	13				
	C>WEATHERMAX 4.5	0.75	LAA	13				
	D>MSO	1.00	PMV	13				
22A	GUARDSMAN MAX	1.25	LAA	9	94	90	85	166.5
	B PROWL H2O 3.8	2.38	LAA	13				
	C>WEATHERMAX 4.5	0.75	LAA	13				
	D>MSO	1.00	PMV	13				
23A	GUARDSMAN MAX	1.25	LAA	9	98	97	89	175.3
	B>PENDIMAX 3.3L	1.24	LAA	13				
	C>WEATHERMAX 4.5	0.75	LAA	13				
	D>MSO	1.00	PMV	13				
24A	GUARDSMAN MAX	1.25	LAA	9	99	96	92	170.9
	B>PENDIMAX 3.3L	2.48	LAA	13				
	C>WEATHERMAX 4.5	0.75	LAA	13				
	D>MSO	1.00	PMV	13				
		LSD (0.05)			5.94	8.00	12.24	25.06
		STANDARD DEVIATION			3.00	4.00	6.12	12.53

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/04/2005 (1)
- 10 = ----- / VEPOST 05/20/2005 (2)
- 11 = ----- / EPOST 05/27/2005 (3)
- 12 = ----- / POST 06/01/2005 (4)
- 13 = ----- / LPOST 06/09/2005 (5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	05/19/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/19/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY	CON %	05/19/2005	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/19/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/19/2005	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/19/2005	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/19/2005	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/09/2005	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/09/2005	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/09/2005	03	P	POLPY	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in Glyphosate Resistant Corn. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
011	CHEAL	CON %	06/09/2005	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/09/2005	05	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/09/2005	06	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/09/2005	07	P	PHBPU	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/01/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/01/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	POLPY	CON %	07/01/2005	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/01/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMATA	CON %	07/01/2005	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	07/01/2005	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/01/2005	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/05/2005	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR

* STAGE CODE

14 = 4 LEAVES UNFOLDED

15 = 5 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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