

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	10	11	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/14/03	05/06/03	05/19/03	06/04/03	AME
AIR TEMPERATURE	84	70	74	68	F
% REL. HUMIDITY	40	50	73	40	
WIND DIRECTION	SOUTHWEST	NORTH	SOUTHEAST	NORTHWEST	
WIND SPEED	15.0	1.0	6.0	5.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	OVERCAST	PARTCLDY	
DEW	---	NO	NO	---	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/11			
DEKALB 6017 RR		4.00/4.00			IN
04/14/2003					
*** PEST ***					
VELVETLEAF		---/10			
		0.50/0.50			IN
RAGWEED, COMMON		---/11	---/14	---/16	
		0.50/1.50	5.00/5.00	2.00/10.0	IN
LAMBSQUARTERS, C		---/14	---/18	---/19	
		0.50/0.50	1.00/3.00	4.00/12.0	IN
MORNINGGLORY, TA		---/10	---/13	---/18	
		0.50/0.50	1.00/2.00	2.00/4.00	IN
SMARTWEED, PENNS		---/12	---/18	---/19	
		1.00/3.00	2.00/6.00	4.00/12.0	IN
FOXTAIL, GIANT		---/11	---/14	---/16	
		0.50/1.50	6.00/8.00	16.0/16.0	IN
COCKLEBUR, COMMO		---/10	---/12	---/16	
		1.00/1.00	2.00/4.00	4.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Roundup Ready and Conventional Systems in Corn I C-500
CREATED: 04/09/2003 **REVISED:** 11/10/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBEL	ABUTH	POLPY	CHEAL
		RATE	UNIT		CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03
1A	LUMAX 3.9L	2.46	LAA	9	0	95	96	99	99	99
2A	LUMAX 3.9L	2.46	LAA	9	0	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	LUMAX 3.9L	2.96	LAA	9	0	99	98	99	99	99
4A	LUMAX 3.9L	2.96	LAA	9	0	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
5A	BICEP II MAGNU	3.58	LAA	9	0	99	97	90	99	99
	B>>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DEGREE XTRA 4S	3.70	LAA	9	0	98	88	75	96	96
	B>>YUKON 67.5WG	0.169	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A	OUTLOOK 6EC	0.98	LAA	9	0	99	40	17	60	63
	B MARKSMAN SC	1.40	LAA	10						
	C>>ACTIVATOR 90	0.125	PMV	10						
8A	GUARDS MAX 5L	2.88	LAA	9	0	99	97	84	99	99
	B>>DISTINCT 70WG	0.175	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	KEYSTONE 5.25L	4.20	LAA	9	0	99	99	98	99	99
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	BICEP II MAGNU	1.03	LAA	11	0					
	B>>STEADFAST 75DF	0.035	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	HARNESS XTRA	1.40	LAA	9	0	99	90	77	98	99
	B>>WEATHERMAX 4.5	0.75	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
13A	BASIS GOLD 90D	0.79	LAA	11	0					
	B CLARITY	0.125	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
14A	CELEBRITY PLUS	0.21	LAA	11	0					
	B>>ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
15A	STEADFAST 75DF	0.035	LAA	11	0					
	B ATRAZINE DF	0.50	LAA	11						
	C>>CALLISTO 4SC	0.094	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	STEADFAST 75DF	0.035	LAA	11	0					
	B ATRAZINE DF	1.00	LAA	11						
	C CLARITY	0.063	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Roundup Ready and Conventional Systems in Corn I C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBEL	ABUTH	POLPY	CHEAL
		RATE	UNIT	TM	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03	CON % 05/07/03
17A	»OPTION 35WDG	0.033	LAA	11	0					
	B»HORNET 68.5WG	0.128	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	»KEYSTONE 5.25L	1.70	LAA	9	0	99	87	69	93	94
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	»FULTIME 4SC	1.70	LAA	9	0	98	80	63	90	89
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	»KEYSTONE 5.25L	1.70	LAA	9	0	99	90	77	97	98
	B»GLYPHOMAX HC 5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
21A	»WEATHERMAX 4.5	0.75	LAA	11	0					
	B»LIQUID AMS	2.50	PMV	11						
22A	»WEATHERMAX 4.5	0.75	LAA	11	0					
	B»AIM EW 1.9	0.008	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	»DISTINCT 70WG	0.175	LAA	11	0					
	B»ROUNDUP ORIGIN	0.375	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	3.67	PMV	11						
24A	»DEGREE XTRA 4S	1.89	LAA	9	0	90	83	73	94	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
25A	»DEGREE XTRA 4S	2.52	LAA	9	0	91	87	77	98	98
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
26A	»HARNESS EXTRA	1.89	LAA	9	0	96	90	81	99	98
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
27A	»HARNESS EXTRA	2.52	LAA	9	0	99	97	86	99	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
28A	»DEGREE XTRA 4S	1.89	LAA	11	0					
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
29A	»HARNESS EXTRA	1.89	LAA	11	0					
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
30A	»ATRAZINE DF	1.50	LAA	9	0	37	70	57	94	94
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
31A	»WEATHERMAX 4.5	0.75	LAA	10	0					
	B»LIQUID AMS	5.00	PMV	10						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
32A	»TOUCHDN KPMG 4	0.75	LAA	10	0					
	B»LIQUID AMS	5.00	PMV	10						
	C»TOUCHDN KPMG 4	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	2.88	5.63	4.93	3.58	3.15
		STANDARD DEVIATION			0.00	1.44	2.82	2.46	1.79	1.57

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CREATED: 04/09/2003 **REVISED:** 11/10/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	XANST	ZEAMD	SETFA	AMBEL	ABUTH
		RATE	UNIT		CON % 05/07/03	CON % 05/07/03	CON % 06/04/03	CON % 06/04/03	CON % 06/04/03	CON % 06/04/03
1A	LUMAX 3.9L	2.46	LAA	9	89	85	0	94	89	99
2A	LUMAX 3.9L	2.46	LAA	9	93	90	0	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	LUMAX 3.9L	2.96	LAA	9	93	88	0	97	95	99
4A	LUMAX 3.9L	2.96	LAA	9	96	94	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
5A	BICEP II MAGNU	3.58	LAA	9	89	81	0	99	99	99
	B>>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DEGREE XTRA 4S	3.70	LAA	9	78	74	0	98	99	99
	B>>YUKON 67.5WG	0.169	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A	OUTLOOK 6EC	0.98	LAA	9	17	10	0	99	99	99
	B MARKSMAN SC	1.40	LAA	10						
	C>>ACTIVATOR 90	0.125	PMV	10						
8A	GUARDS MAX 5L	2.88	LAA	9	90	84	0	99	98	96
	B>>DISTINCT 70WG	0.175	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	KEYSTONE 5.25L	4.20	LAA	9	97	95	0	99	98	99
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	BICEP II MAGNU	1.03	LAA	11			0	98	84	98
	B>>STEADFAST 75DF	0.035	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	HARNESS XTRA	1.40	LAA	9	92	87	0	95	96	91
	B>>WEATHERMAX 4.5	0.75	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
13A	BASIS GOLD 90D	0.79	LAA	11			0	98	96	98
	B CLARITY	0.125	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
14A	CELEBRITY PLUS	0.21	LAA	11						
	B>>ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
15A	STEADFAST 75DF	0.035	LAA	11			0	98	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C>>CALLISTO 4SC	0.094	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	STEADFAST 75DF	0.035	LAA	11			0	98	92	99
	B ATRAZINE DF	1.00	LAA	11						
	C CLARITY	0.063	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Roundup Ready and Conventional Systems in Corn I C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 05/07/03	XANST CON % 05/07/03	ZEAMD CON % 06/04/03	SETFA CON % 06/04/03	AMBEL CON % 06/04/03	ABUTH CON % 06/04/03
		RATE	UNIT	TM						
17A	»OPTION 35WDG	0.033	LAA	11		5	98	94	97	
	B»HORNET 68.5WG	0.128	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	»KEYSTONE 5.25L	1.70	LAA	9	68	60	0	96	95	90
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	»FULTIME 4SC	1.70	LAA	9	60	50	0	97	98	93
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	»KEYSTONE 5.25L	1.70	LAA	9	68	60	0	98	96	92
	B»GLYPHOMAX HC 5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
21A	»WEATHERMAX 4.5	0.75	LAA	11			0	98	98	99
	B»LIQUID AMS	2.50	PMV	11						
22A	»WEATHERMAX 4.5	0.75	LAA	11			5	99	93	99
	B»AIM EW 1.9	0.008	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	»DISTINCT 70WG	0.175	LAA	11			0	99	99	99
	B»ROUNDUP ORIGIN	0.375	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	3.67	PMV	11						
24A	»DEGREE XTRA 4S	1.89	LAA	9	75	70	0	95	95	90
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
25A	»DEGREE XTRA 4S	2.52	LAA	9	83	77	0	94	96	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
26A	»HARNESS EXTRA	1.89	LAA	9	91	83	0	97	96	94
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
27A	»HARNESS EXTRA	2.52	LAA	9	90	82	0	99	97	97
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
28A	»DEGREE XTRA 4S	1.89	LAA	11			0	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
29A	»HARNESS EXTRA	1.89	LAA	11			0	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
30A	»ATRAZINE DF	1.50	LAA	9	73	62	0	91	96	97
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
31A	»WEATHERMAX 4.5	0.75	LAA	10			0	68	63	60
	B»LIQUID AMS	5.00	PMV	10						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
32A	»TOUCHDN KPMG 4	0.75	LAA	10			0	73	67	53
	B»LIQUID AMS	5.00	PMV	10						
	C»TOUCHDN KPMG 4	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			9.57	8.18	1.47	6.63	4.24	5.25
		STANDARD DEVIATION			4.79	4.09	0.733	3.31	2.12	2.63

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

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		RATE	UNIT		CON % 06/04/03	CON % 06/04/03	CON % 06/04/03	CON % 06/04/03	CON % 06/19/03	CON % 06/19/03
1A	LUMAX 3.9L	2.46	LAA	9	99	99	83	70	0	92
2A	LUMAX 3.9L	2.46	LAA	9	99	99	90	78	0	97
	B ATRAZINE DF	1.00	LAA	9						
3A	LUMAX 3.9L	2.96	LAA	9	98	99	82	75	0	98
4A	LUMAX 3.9L	2.96	LAA	9	99	99	92	84	0	98
	B ATRAZINE DF	1.00	LAA	9						
5A	BICEP II MAGNU	3.58	LAA	9	99	99	97	93	0	96
	B>>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DEGREE XTRA 4S	3.70	LAA	9	99	99	96	94	0	96
	B>>YUKON 67.5WG	0.169	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A	OUTLOOK 6EC	0.98	LAA	9	99	99	93	84	0	96
	B MARKSMAN SC	1.40	LAA	10						
	C>>ACTIVATOR 90	0.125	PMV	10						
8A	GUARDS MAX 5L	2.88	LAA	9	99	99	97	91	0	98
	B>>DISTINCT 70WG	0.175	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	KEYSTONE 5.25L	4.20	LAA	9	99	99	96	90	0	98
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	BICEP II MAGNU	1.03	LAA	11	98	99	96	94	8	93
	B>>STEADFAST 75DF	0.035	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	HARNESS XTRA	1.40	LAA	9	99	99	94	89	0	89
	B>>WEATHERMAX 4.5	0.75	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
13A	BASIS GOLD 90D	0.79	LAA	11	99	99	96	94	12	72
	B CLARITY	0.125	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
14A	CELEBRITY PLUS	0.21	LAA	11						
	B>>ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
15A	STEADFAST 75DF	0.035	LAA	11	99	99	97	95	7	86
	B ATRAZINE DF	0.50	LAA	11						
	C>>CALLISTO 4SC	0.094	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	STEADFAST 75DF	0.035	LAA	11	99	99	96	94	7	88
	B ATRAZINE DF	1.00	LAA	11						
	C CLARITY	0.063	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Roundup Ready and Conventional Systems in Corn I C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	POLPY	CHEAL	PHBPU	XANST	ZEAMD	SETFA
		RATE	UNIT		CON % 06/04/03	CON % 06/04/03	CON % 06/04/03	CON % 06/04/03	CON % 06/19/03	CON % 06/19/03
17A	»OPTION 35WDG	0.033	LAA	11	99	99	90	92	15	85
	B»HORNET 68.5WG	0.128	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	»KEYSTONE 5.25L	1.70	LAA	9	99	99	93	86	0	92
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	»FULTIME 4SC	1.70	LAA	9	99	99	91	82	0	94
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	»KEYSTONE 5.25L	1.70	LAA	9	99	99	93	88	0	94
	B»GLYPHOMAX HC 5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
21A	»WEATHERMAX 4.5	0.75	LAA	11	99	99	82	89	0	89
	B»LIQUID AMS	2.50	PMV	11						
22A	»WEATHERMAX 4.5	0.75	LAA	11	99	99	99	97	2	90
	B»AIM EW 1.9	0.008	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	»DISTINCT 70WG	0.175	LAA	11	99	99	96	97	7	90
	B»ROUNDUP ORIGIN	0.375	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	3.67	PMV	11						
24A	»DEGREE XTRA 4S	1.89	LAA	9	99	99	92	84	0	92
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
25A	»DEGREE XTRA 4S	2.52	LAA	9	99	99	96	89	0	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
26A	»HARNESS EXTRA	1.89	LAA	9	99	99	95	87	0	91
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
27A	»HARNESS EXTRA	2.52	LAA	9	99	99	97	89	0	96
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
28A	»DEGREE XTRA 4S	1.89	LAA	11	99	99	97	96	5	98
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
29A	»HARNESS EXTRA	1.89	LAA	11	99	99	97	96	10	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
30A	»ATRAZINE DF	1.50	LAA	9	99	99	92	75	0	81
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
31A	»WEATHERMAX 4.5	0.75	LAA	10	85	88	50	43	0	92
	B»LIQUID AMS	5.00	PMV	10						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
32A	»TOUCHDN KPMG 4	0.75	LAA	10	87	85	50	37	0	92
	B»LIQUID AMS	5.00	PMV	10						
	C»TOUCHDN KPMG 4	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			2.28	2.85	5.43	6.67	4.72	3.93
		STANDARD DEVIATION			1.14	1.43	2.72	3.34	2.36	2.00

TITLE: Roundup Ready and Conventional Systems in Corn I C-500
CREATED: 04/09/2003 **REVISED:** 11/10/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	ABUTH	POLPY	CHEAL	PHBPU	XANST
		RATE	UNIT		CON % 06/19/03	CON % 06/19/03	CON % 06/19/03	CON % 06/19/03	CON % 06/19/03	CON % 06/19/03
1A	LUMAX 3.9L	2.46	LAA	9	78	99	99	99	76	65
2A	LUMAX 3.9L	2.46	LAA	9	98	99	99	99	84	70
	B ATRAZINE DF	1.00	LAA	9						
3A	LUMAX 3.9L	2.96	LAA	9	90	99	99	99	77	75
4A	LUMAX 3.9L	2.96	LAA	9	97	99	99	99	88	74
	B ATRAZINE DF	1.00	LAA	9						
5A	BICEP II MAGNU	3.58	LAA	9	98	99	99	99	90	85
	B>>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DEGREE XTRA 4S	3.70	LAA	9	99	99	99	99	92	88
	B>>YUKON 67.5WG	0.169	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A	OUTLOOK 6EC	0.98	LAA	9	99	99	99	99	92	88
	B MARKSMAN SC	1.40	LAA	10						
	C>>ACTIVATOR 90	0.125	PMV	10						
8A	GUARDS MAX 5L	2.88	LAA	9	99	98	99	99	93	85
	B>>DISTINCT 70WG	0.175	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	KEYSTONE 5.25L	4.20	LAA	9	99	93	99	99	95	88
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A	BICEP II MAGNU	1.03	LAA	11	58	95	99	99	97	81
	B>>STEADFAST 75DF	0.035	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	HARNESS XTRA	1.40	LAA	9	90	92	99	99	88	75
	B>>WEATHERMAX 4.5	0.75	LAA	11						
	C>>LIQUID AMS	2.50	PMV	11						
13A	BASIS GOLD 90D	0.79	LAA	11	96	96	99	99	91	88
	B CLARITY	0.125	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
14A	CELEBRITY PLUS	0.21	LAA	11						
	B>>ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
15A	STEADFAST 75DF	0.035	LAA	11	95	97	99	99	96	87
	B ATRAZINE DF	0.50	LAA	11						
	C>>CALLISTO 4SC	0.094	LAA	11						
	D>>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	STEADFAST 75DF	0.035	LAA	11	96	96	99	99	94	87
	B ATRAZINE DF	1.00	LAA	11						
	C CLARITY	0.063	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Roundup Ready and Conventional Systems in Corn I C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL CON % 06/19/03	ABUTH CON % 06/19/03	POLPY CON % 06/19/03	CHEAL CON % 06/19/03	PHBPU CON % 06/19/03	XANST CON % 06/19/03
		RATE	UNIT							
17A	»OPTION 35WDG	0.033	LAA	11	98	97	99	99	94	91
	B»HORNET 68.5WG	0.128	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	»KEYSTONE 5.25L	1.70	LAA	9	86	84	99	99	79	73
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
19A	»FULTIME 4SC	1.70	LAA	9	87	82	99	99	77	67
	B»GLYPHOMAX PLUS	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
20A	»KEYSTONE 5.25L	1.70	LAA	9	91	89	99	99	78	73
	B»GLYPHOMAX HC 5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
21A	»WEATHERMAX 4.5	0.75	LAA	11	92	84	98	97	68	63
	B»LIQUID AMS	2.50	PMV	11						
22A	»WEATHERMAX 4.5	0.75	LAA	11	84	90	99	99	91	83
	B»AIM EW 1.9	0.008	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	»DISTINCT 70WG	0.175	LAA	11	99	96	99	99	94	88
	B»ROUNDUP ORIGIN	0.375	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	3.67	PMV	11						
24A	»DEGREE XTRA 4S	1.89	LAA	9	88	88	99	99	81	70
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
25A	»DEGREE XTRA 4S	2.52	LAA	9	87	90	99	99	92	81
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
26A	»HARNESS EXTRA	1.89	LAA	9	91	89	99	99	89	84
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
27A	»HARNESS EXTRA	2.52	LAA	9	91	85	99	99	82	70
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
28A	»DEGREE XTRA 4S	1.89	LAA	11	93	96	99	99	97	90
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
29A	»HARNESS EXTRA	1.89	LAA	11	95	96	99	99	96	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
30A	»ATRAZINE DF	1.50	LAA	9	96	82	99	99	75	57
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
31A	»WEATHERMAX 4.5	0.75	LAA	10	95	88	99	95	87	87
	B»LIQUID AMS	5.00	PMV	10						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
32A	»TOUCHDN KPMG 4	0.75	LAA	10	98	93	98	96	92	88
	B»LIQUID AMS	5.00	PMV	10						
	C»TOUCHDN KPMG 4	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			5.40	3.55	0.738	1.72	7.00	10.48
		STANDARD DEVIATION			2.70	1.77	0.369	0.861	3.52	5.24

TITLE: Roundup Ready and Conventional Systems in Corn I C-500
CREATED: 04/09/2003 **REVISED:** 11/10/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/01/03
		RATE	UNIT	
1A	LUMAX 3.9L	2.46	LAA 9	198.5
2A	LUMAX 3.9L	2.46	LAA 9	196.1
	B ATRAZINE DF	1.00	LAA 9	
3A	LUMAX 3.9L	2.96	LAA 9	198.1
4A	LUMAX 3.9L	2.96	LAA 9	215.2
	B ATRAZINE DF	1.00	LAA 9	
5A	BICEP II MAGNU	3.58	LAA 9	216.6
	B>>CALLISTO 4SC	0.094	LAA 11	
	C ATRAZINE DF	0.50	LAA 11	
	D>>COC	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
6A	DEGREE XTRA 4S	3.70	LAA 9	204.2
	B>>YUKON 67.5WG	0.169	LAA 11	
	C>>COC	1.00	PMV 11	
	D 28% UAN	2.50	PMV 11	
7A	OUTLOOK 6EC	0.98	LAA 9	217.8
	B MARKSMAN SC	1.40	LAA 10	
	C>>ACTIVATOR 90	0.125	PMV 10	
8A	GUARDS MAX 5L	2.88	LAA 9	213.2
	B>>DISTINCT 70WG	0.175	LAA 11	
	C>>ACTIVATOR 90	0.25	PMV 11	
	D 28% UAN	2.50	PMV 11	
9A	CHECK	0.00	NA 0	8.3
10A	KEYSTONE 5.25L	4.20	LAA 9	206.0
	B>>HORNET 68.5WG	0.128	LAA 11	
	C>>ACTIVATOR 90	0.25	PMV 11	
	D 28% UAN	2.50	PMV 11	
11A	BICEP II MAGNU	1.03	LAA 11	190.2
	B>>STEADFAST 75DF	0.035	LAA 11	
	C ATRAZINE DF	1.00	LAA 11	
	D>>COC	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
12A	HARNESS XTRA	1.40	LAA 9	213.6
	B>>WEATHERMAX 4.5	0.75	LAA 11	
	C>>LIQUID AMS	2.50	PMV 11	
13A	BASIS GOLD 90D	0.79	LAA 11	172.3
	B CLARITY	0.125	LAA 11	
	C>>COC	1.00	PMV 11	
	D 28% UAN	2.50	PMV 11	
14A	CELEBRITY PLUS	0.21	LAA 11	37.6
	B>>ACTIVATOR 90	0.25	PMV 11	
	C 28% UAN	2.50	PMV 11	
15A	STEADFAST 75DF	0.035	LAA 11	191.1
	B ATRAZINE DF	0.50	LAA 11	
	C>>CALLISTO 4SC	0.094	LAA 11	
	D>>COC	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
16A	STEADFAST 75DF	0.035	LAA 11	191.0
	B ATRAZINE DF	1.00	LAA 11	
	C CLARITY	0.063	LAA 11	
	D>>ACTIVATOR 90	0.25	PMV 11	
	E 28% UAN	2.50	PMV 11	

TITLE: Roundup Ready and Conventional Systems in Corn I C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/01/03
		RATE	UNIT	TM	
17A	»OPTION 35WDG	0.033	LAA	11	173.6
	B»HORNET 68.5WG	0.128	LAA	11	
	C»MSO	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
18A	»KEYSTONE 5.25L	1.70	LAA	9	214.0
	B»GLYPHOMAX PLUS	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
19A	»FULTIME 4SC	1.70	LAA	9	202.4
	B»GLYPHOMAX PLUS	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
20A	»KEYSTONE 5.25L	1.70	LAA	9	213.8
	B»GLYPHOMAX HC 5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
21A	»WEATHERMAX 4.5	0.75	LAA	11	199.8
	B»LIQUID AMS	2.50	PMV	11	
22A	»WEATHERMAX 4.5	0.75	LAA	11	197.3
	B»AIM EW 1.9	0.008	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
23A	»DISTINCT 70WG	0.175	LAA	11	202.9
	B»ROUNDUP ORIGIN	0.375	LAA	11	
	C»ACTIVATOR 90	0.25	PMV	11	
	D»LIQUID AMS	3.67	PMV	11	
24A	»DEGREE XTRA 4S	1.89	LAA	9	213.2
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
25A	»DEGREE XTRA 4S	2.52	LAA	9	210.4
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
26A	»HARNESS EXTRA	1.89	LAA	9	198.1
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
27A	»HARNESS EXTRA	2.52	LAA	9	209.8
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
28A	»DEGREE XTRA 4S	1.89	LAA	11	209.8
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
29A	»HARNESS EXTRA	1.89	LAA	11	203.7
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
30A	»ATRAZINE DF	1.50	LAA	9	207.5
	B»WEATHERMAX 4.5	0.75	LAA	11	
	C»LIQUID AMS	2.50	PMV	11	
31A	»WEATHERMAX 4.5	0.75	LAA	10	204.5
	B»LIQUID AMS	5.00	PMV	10	
	C»WEATHERMAX 4.5	0.56	LAA	13	
	D»LIQUID AMS	2.50	PMV	13	
32A	»TOUCHDN KPMG 4	0.75	LAA	10	207.5
	B»LIQUID AMS	5.00	PMV	10	
	C»TOUCHDN KPMG 4	0.56	LAA	13	
	D»LIQUID AMS	2.50	PMV	13	
		LSD (0.05)			18.06
		STANDARD DEVIATION			9.12

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

* TIMING CODES

09 = ----- / PREEMERGENCE 04/14/2003(1)
 10 = ----- / VEPOST 05/06/2003(2)
 11 = ----- / EPOST 05/19/2003(3)
 13 = ----- / LPOST 06/04/2003(4)

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 %	05/07/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/07/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	05/07/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/07/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	05/07/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	05/07/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/07/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	CON %	05/07/2003	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/04/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/04/2003	02	P	SETFA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/04/2003	03	P	AMBEL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/04/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	06/04/2003	05	P	POLPY	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	06/04/2003	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/04/2003	07	P	PHBPU	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	XANST	CON %	06/04/2003	08	P	XANST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	06/19/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/19/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMBEL	CON %	06/19/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	06/19/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	POLPY	CON %	06/19/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	CHEAL	CON %	06/19/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	06/19/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	XANST	CON %	06/19/2003	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	YIELD	BU/A	10/01/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6017 RR

* STAGE CODE

16 = 6 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED