APPLICATIONS

SOIL INFORMATION

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

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/28/06	05/17/06	06/05/06	AME
AIR TEMPERATURE	72	73	80	F
% REL.HUMIDITY	26	48	35	
WIND DIRECTION	SOUTHEAST	NORTHWEST	NORTHEAST	
WIND SPEED	6.0	6.0	1.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	YES	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
CORN, DENT ASGROW 752RR 04/27/2006		---/11 4.00/4.00	---/16 12.0/14.0	IN
*** PEST ***				
VELVETLEAF		---/10 0.50/0.50	---/16 2.00/6.00	IN
WATERHEMP, COMMO		---/00 0.00/0.00	---/19 3.00/6.00	IN
RAGWEED, COMMON		---/10 0.50/1.00	---/16 3.00/6.00	IN
LAMBSQUARTERS, C		---/11 0.25/0.50	---/19 2.00/6.00	IN
MORNINGGLORY, TA		---/10 0.50/1.00	---/18 1.00/4.00	IN
SMARTWEED, PENNS		---/11 0.50/0.50	---/19 2.00/6.00	IN
FOXTAIL, GIANT		---/11 0.50/0.50	---/16 2.00/8.00	IN

*** TIMING CODES**
09 = ------- / PREEMERGENCE
10 = ------- / VEPOST
12 = ------- / POST

*** STAGE CODE**
00 = DRY SEED; DORMANCY
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Roundup-Ready Corn 2 for Weed Control and Yield. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 RATE	UNIT	TM	ZEAMD CON % 05/26/06	SETFA CON % 05/26/06	CHEAL CON % 05/26/06	POLPY CON % 05/26/06	AMATA CON % 05/26/06	AMBEL CON % 05/26/06
1A	LUMAX	2.94	LAA	9	0	97	99	99	99	95
2A	»RADIUS 4SC	0.75	LAA	9	0	97	99	99	99	99
3A	HARNESS XTRA	1.80	LAA	9	0	97	99	99	99	96
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	DEGREE XTRA	2.02	LAA	9	0	92	97	99	98	84
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
5A	DEGREE XTRA	2.02	LAA	10	0	82	99	99	99	91
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
6A	LUMAX	1.97	LAA	10	0	97	99	99	99	97
	B»TOUCHDN TOTAL	0.78	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
7A	ATRAZINE DF	2.00	LAA	9	0	80	99	96	99	84
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.00	5.37	1.00	3.22	0.715	8.24
	STANDARD DEVIATION				0.00	2.50	0.488	1.50	0.333	3.84

DATA MEAN

TITLE: Roundup-Ready Corn 2 for Weed Control and Yield. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 RATE	UNIT	TM	ABUTH CON % 05/26/06	PHBPU CON % 05/26/06	ZEAMD CON % 06/14/06	SETFA CON % 06/14/06	CHEAL CON % 06/14/06	POLPY CON % 06/14/06
1A	LUMAX	2.94	LAA	9	97	90	0	92	99	95
2A	»RADIUS 4SC	0.75	LAA	9	99	90	0	96	98	94
3A	HARNESS XTRA	1.80	LAA	9	87	84	0	99	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	DEGREE XTRA	2.02	LAA	9	70	68	0	99	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
5A	DEGREE XTRA	2.02	LAA	10	89	86	0	84	91	97
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
6A	LUMAX	1.97	LAA	10	97	92	0	96	99	98
	B»TOUCHDN TOTAL	0.78	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
7A	ATRAZINE DF	2.00	LAA	9	78	78	0	96	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				7.29	8.56	0.00	3.59	5.00	5.84
	STANDARD DEVIATION				3.40	4.00	0.00	1.67	2.34	2.72

DATA MEAN

TITLE: Roundup-Ready Corn 2 for Weed Control and Yield. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 RATE	UNIT	TM	AMATA CON % 06/14/06	AMBEL CON % 06/14/06	ABUTH CON % 06/14/06	PHBPU CON % 06/14/06	ZEAMD CON % 07/03/06	SETFA CON % 07/03/06
1A	LUMAX	2.94	LAA	9	99	94	98	80	0	91
2A	»RADIUS 4SC	0.75	LAA	9	97	94	95	79	0	95
3A	HARNESS XTRA	1.80	LAA	9	99	99	99	97	0	98
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	DEGREE XTRA	2.02	LAA	9	99	99	99	96	0	98
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
5A	DEGREE XTRA	2.02	LAA	10	98	87	73	67	0	79
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
6A	LUMAX	1.97	LAA	10	99	99	98	90	0	85
	B»TOUCHDN TOTAL	0.78	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
7A	ATRAZINE DF	2.00	LAA	9	99	93	93	93	0	94
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				2.21	9.00	8.30	6.23	0.00	3.85
	STANDARD DEVIATION				1.00	4.18	3.87	2.91	0.00	1.80

DATA MEAN

TITLE: Roundup-Ready Corn 2 for Weed Control and Yield. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 RATE	UNIT	TM	CHEAL CON % 07/03/06	POLPY CON % 07/03/06	AMATA CON % 07/03/06	AMBEL CON % 07/03/06	ABUTH CON % 07/03/06	PHBPU CON % 07/03/06
1A	LUMAX	2.94	LAA	9	91	98	98	92	97	84
2A	»RADIUS 4SC	0.75	LAA	9	96	99	99	94	96	86
3A	HARNESS XTRA	1.80	LAA	9	99	99	99	99	97	96
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	DEGREE XTRA	2.02	LAA	9	98	99	99	96	96	96
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
5A	DEGREE XTRA	2.02	LAA	10	93	96	96	89	75	80
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
6A	LUMAX	1.97	LAA	10	97	99	98	94	93	87
	B»TOUCHDN TOTAL	0.78	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
7A	ATRAZINE DF	2.00	LAA	9	97	99	98	94	93	94
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				4.84	2.00	1.78	3.73	5.00	8.20
	STANDARD DEVIATION				2.26	0.934	0.829	1.74	2.35	3.82

DATA MEAN

TITLE: Roundup-Ready Corn 2 for Weed Control and Yield. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 RATE	UNIT	TM	YIELD BU/A 10/06/06
1A	LUMAX	2.94	LAA	9	145.1
2A	»RADIUS 4SC	0.75	LAA	9	125.1
3A	HARNESS XTRA	1.80	LAA	9	188.6
	B»RDUP ORIG MAX	0.75	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
4A	DEGREE XTRA	2.02	LAA	9	192.1
	B»RDUP ORIG MAX	0.75	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
5A	DEGREE XTRA	2.02	LAA	10	140.4
	B»RDUP ORIG MAX	0.75	LAA	10	
	C»LIQUID AMS	2.50	PMV	10	
6A	LUMAX	1.97	LAA	10	163.9
	B»TOUCHDN TOTAL	0.78	LAA	10	
	C»LIQUID AMS	2.50	PMV	10	
7A	ATRAZINE DF	2.00	LAA	9	203.7
	B»RDUP ORIG MAX	0.75	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
8A	CHECK	0.00	NA	0	9.4
		LSD (0.05)			23.65
		STANDARD DEVIATION			11.00

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = ------- / UNTREATED TIMING
09 = ------- / PREEMERGENCE 04/28/2006(1)
10 = ------- / VEPOST 05/17/2006(2)
12 = ------- / POST 06/05/2006(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/26/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/26/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/26/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/26/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/26/2006	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	05/26/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	05/26/2006	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	05/26/2006	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/14/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/14/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/14/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	06/14/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/14/2006	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/14/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	CON %	06/14/2006	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	06/14/2006	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	07/03/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	07/03/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	07/03/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	POLPY	CON %	07/03/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMATA	CON %	07/03/2006	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMBEL	CON %	07/03/2006	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ABUTH	CON %	07/03/2006	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PHBPU	CON %	07/03/2006	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	YIELD	BU/A	10/06/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)**
01 = ASGROW 752RR