

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 4.7
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/17/04	05/17/04	05/26/04	AME
AIR TEMPERATURE	76	72	77	F
% REL. HUMIDITY	55	60	45	
WIND DIRECTION	SOUTH	SOUTHWEST	WEST	
WIND SPEED	8.0	12.0	3.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	42.00	42.00	42.00	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	---/11	---/11	---/14	
DEKALB 63-81	4.00/4.00	4.00/4.00	12.0/12.0	IN
04/29/2004				
*** PEST ***				
VELVETLEAF	---/10	---/10	---/12	
	0.50/0.50	0.50/0.50	1.00/2.00	IN
RAGWEED, COMMON	---/10	---/10	---/12	
	1.00/1.00	1.00/1.00	1.00/2.00	IN
LAMBSQUARTERS, C	---/13	---/13	---/18	
	0.50/0.50	0.50/0.50	1.00/2.00	IN
MORNINGGLORY, TA	---/10	---/10	---/12	
	0.50/0.50	0.50/0.50	1.00/2.00	IN
SMARTWEED, PENNS	---/14	---/14	---/18	
	1.00/1.00	1.00/1.00	1.00/3.00	IN
FOXTAIL, GIANT	---/11	---/11	---/13	
	1.00/2.00	1.00/2.00	2.00/4.00	IN
COCKLEBUR, COMMO	---/10	---/10	---/12	
	1.00/1.00	1.00/1.00	2.00/2.00	IN

* TIMING CODES

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

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

TITLE: Sequential weed control systems in corn. C-400
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	POLPY	AMBEL	ABUTH
		RATE	UNIT		CON % 05/17/04	CON % 05/17/04	CON % 05/17/04	CON % 05/17/04	CON % 05/17/04	CON % 05/17/04
1A	DUAL II MAGNUM	1.59	LAA	9	0	97	53	63	37	0
2A	OUTLOOK 6EC	0.98	LAA	9	0	99	88	88	68	33
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
3A	DUAL II MAGNUM	1.59	LAA	9	0	98	57	68	37	0
	B RIFLE PLUS 3.2	1.20	LAA	10						
4A	DUAL II MAGNUM	1.59	LAA	9	0	97	58	63	37	0
	B RIFLE 4L	0.50	LAA	10						
5A	CINCH 7.64L	0.96	LAA	9	0	88	43	50	17	0
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	CINCH 7.64L	0.96	LAA	9	0	84	33	33	13	0
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
7A	KIH-485 60WG	0.19	LAA	9	0	90	76	75	65	47
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
8A	KIH-485 60WG	0.19	LAA	9	0	90	82	83	63	52
	B STEADFAST ATZ	0.78	LAA	0						
	C STEADFAST 75DF	0.035	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	DEFINE 4SC	0.375	LAA	9	0	84	40	43	23	0
	B OPTION 35WDG	0.033	LAA	11						
	C DISTINCT 70WG	0.175	LAA	11						
	D MSO	0.94	PMV	11						
	E 28% UAN	1.88	PMV	11						
10A	DEFINE 4SC	0.375	LAA	9	0	80	57	50	33	7
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	0.94	PMV	11						
	D 28% UAN	1.88	PMV	11						
11A	BALANCE PRO 4S	0.07	LAA	9	0	62	97	98	95	98
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	DEFINE 4SC	0.68	LAA	9	0	86	86	85	57	30
	B BUCTRILL+ATRA	0.75	LAA	11						
13A	SURPASS 6.4	2.00	LAA	9	0	99	94	95	76	37
	B STARANE 1.5L	0.12	LAA	11						
14A	SURPASS 6.4	2.00	LAA	9	0	97	93	93	72	33
	B GF-1203 1.5L	0.24	LAA	11						
15A	DUAL II MAGNUM	1.59	LAA	9	0	95	72	70	53	0
	B CALLISTO 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Sequential weed control systems in corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD CON % 05/17/04	SETFA CON % 05/17/04	CHEAL CON % 05/17/04	POLPY CON % 05/17/04	AMBEL CON % 05/17/04	ABUTH CON % 05/17/04
		RATE	UNIT							
16A	DUAL II MAGNUM	1.59	LAA	9	0	94	55	50	33	7
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A	HARNESS (7EC)	1.97	LAA	9	0	99	99	99	97	73
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A	DEGREE 3.8SC	1.97	LAA	9	0	84	80	77	48	17
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A	DUAL II MAGNUM	1.59	LAA	9	0	96	63	65	37	0
	B»SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
21A	DUAL II MAGNUM	1.59	LAA	9	0	95	43	40	30	0
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
		LSD (0.05)			0.00	6.46	10.43	10.09	16.90	11.84
		STANDARD DEVIATION			0.00	3.20	5.16	5.00	8.36	5.86

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CREATED: 04/06/2004 **REVISED:** 10/20/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	PHBPU	ZEAMD	SETFA	CHEAL	POLPY
		RATE	UNIT		CON % 05/17/04	CON % 05/17/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04
1A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	92	50	23
2A	OUTLOOK 6EC	0.98	LAA	9	17	13	0	99	99	99
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
3A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	98	99	99
	B RIFLE PLUS 3.2	1.20	LAA	10						
4A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	88	99	99
	B RIFLE 4L	0.50	LAA	10						
5A	CINCH 7.64L	0.96	LAA	9	0	0	0	96	98	93
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	CINCH 7.64L	0.96	LAA	9	0	0	0	99	99	99
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
7A	KIH-485 60WG	0.19	LAA	9	20	20	0	99	99	99
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
8A	KIH-485 60WG	0.19	LAA	9	27	30	0	99	99	99
	B STEADFAST ATZ	0.78	LAA	0						
	C STEADFAST 75DF	0.035	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	DEFINE 4SC	0.375	LAA	9	0	0	0	99	95	99
	B OPTION 35WDG	0.033	LAA	11						
	C DISTINCT 70WG	0.175	LAA	11						
	D MSO	0.94	PMV	11						
	E 28% UAN	1.88	PMV	11						
10A	DEFINE 4SC	0.375	LAA	9	0	0	0	99	90	95
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	0.94	PMV	11						
	D 28% UAN	1.88	PMV	11						
11A	BALANCE PRO 4S	0.07	LAA	9	80	60	0	88	99	99
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	DEFINE 4SC	0.68	LAA	9	17	7	0	98	99	98
	B BUCTRILL+ATRA	0.75	LAA	11						
13A	SURPASS 6.4	2.00	LAA	9	7	7	0	98	99	96
	B STARANE 1.5L	0.12	LAA	11						
14A	SURPASS 6.4	2.00	LAA	9	0	0	0	98	98	99
	B GF-1203 1.5L	0.24	LAA	11						
15A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	85	99	99
	B CALLISTO 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Sequential weed control systems in corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	PHBPU	ZEAMD	SETFA	CHEAL	POLPY
		RATE	UNIT	TM	CON % 05/17/04	CON % 05/17/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04
16A	DUAL II MAGNUM	1.59	LAA	9	0	0	1	96	99	99
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A	HARNESS (7EC)	1.97	LAA	9	47	40	0	99	99	99
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A	DEGREE 3.8SC	1.97	LAA	9	13	13	0	87	96	97
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	99	99	99
	B»SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
21A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	80	77	94
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
		LSD (0.05)			11.00	9.89	0.624	6.22	4.40	5.00
		STANDARD DEVIATION			5.44	4.90	0.309	3.08	2.18	2.47

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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 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	ABUTH	XANST	PHBPU	ZEAMD	SETFA
		RATE	UNIT		CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/26/04	CON % 06/26/04
1A	DUAL II MAGNUM	1.59	LAA	9	0	0	0	0	0	92
2A	OUTLOOK 6EC	0.98	LAA	9	99	99	98	98	0	97
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
3A	DUAL II MAGNUM	1.59	LAA	9	99	98	98	98	0	85
	B RIFLE PLUS 3.2	1.20	LAA	10						
4A	DUAL II MAGNUM	1.59	LAA	9	99	33	33	77	0	91
	B RIFLE 4L	0.50	LAA	10						
5A	CINCH 7.64L	0.96	LAA	9	60	23	13	68	0	97
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	CINCH 7.64L	0.96	LAA	9	99	99	98	99	0	95
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
7A	KIH-485 60WG	0.19	LAA	9	99	99	98	99	0	99
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
8A	KIH-485 60WG	0.19	LAA	9	99	99	97	99	0	98
	B STEADFAST ATZ	0.78	LAA	0						
	C STEADFAST 75DF	0.035	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	DEFINE 4SC	0.375	LAA	9	91	93	95	90	0	90
	B OPTION 35WDG	0.033	LAA	11						
	C DISTINCT 70WG	0.175	LAA	11						
	D MSO	0.94	PMV	11						
	E 28% UAN	1.88	PMV	11						
10A	DEFINE 4SC	0.375	LAA	9	98	91	96	95	0	88
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	0.94	PMV	11						
	D 28% UAN	1.88	PMV	11						
11A	BALANCE PRO 4S	0.07	LAA	9	99	99	98	30	0	47
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	DEFINE 4SC	0.68	LAA	9	99	98	98	98	0	98
	B BUCTRIL+ATRA	0.75	LAA	11						
13A	SURPASS 6.4	2.00	LAA	9	99	99	96	96	0	98
	B STARANE 1.5L	0.12	LAA	11						
14A	SURPASS 6.4	2.00	LAA	9	99	99	96	96	0	99
	B GF-1203 1.5L	0.24	LAA	11						
15A	DUAL II MAGNUM	1.59	LAA	9	99	99	98	98	0	65
	B CALLISTO 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Sequential weed control systems in corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	ABUTH	XANST	PHBPU	ZEAMD	SETFA	
		RATE	UNIT	TM	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/06/04	CON % 06/26/04	CON % 06/26/04	
16A	DUAL II MAGNUM	1.59	LAA	9	99	99	99	99	0	87	
	B»CALLISTO 4SC	0.094	LAA	11							
	C ATRAZINE DF	0.25	LAA	11							
	D»COC	1.00	PMV	11							
	E 28% UAN	2.50	PMV	11							
17A	CHECK	0.00	NA	0	0	0	0	0	0	0	
18A	HARNES (7EC)	1.97	LAA	9	99	99	99	23	0	96	
	B»YUKON 67.5WG	0.169	LAA	11							
	C»ACTIVATOR 90	0.25	PMV	11							
	D 28% UAN	2.50	PMV	11							
19A	DEGREE 3.8SC	1.97	LAA	9	57	67	94	50	0	83	
	B»YUKON 67.5WG	0.169	LAA	11							
	C»ACTIVATOR 90	0.25	PMV	11							
	D 28% UAN	2.50	PMV	11							
20A	DUAL II MAGNUM	1.59	LAA	9	99	99	98	99	0	98	
	B»SPIRIT 57WG	0.036	LAA	11							
	C ATRAZINE DF	1.00	LAA	11							
	D»COC	1.00	PMV	11							
	E 28% UAN	2.50	PMV	11							
21A	DUAL II MAGNUM	1.59	LAA	9	99	98	95	82	0	82	
	B»NORTHSTAR 47.4	0.148	LAA	11							
	C»ACTIVATOR 90	0.25	PMV	11							
	D 28% UAN	2.50	PMV	11							
					LS (0.05)	5.00	8.92	6.32	9.42	0.00	12.15
					STANDARD DEVIATION	2.46	4.42	3.13	4.66	0.00	6.00

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	POLPY	AMBEL	ABUTH	XANST	PHBPU
		RATE	UNIT		CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04
1A	DUAL II MAGNUM	1.59	LAA	9	50	23	0	0	0	0
2A	OUTLOOK 6EC	0.98	LAA	9	99	99	99	99	73	83
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
3A	DUAL II MAGNUM	1.59	LAA	9	99	96	98	86	53	77
	B RIFLE PLUS 3.2	1.20	LAA	10						
4A	DUAL II MAGNUM	1.59	LAA	9	99	99	96	93	80	83
	B RIFLE 4L	0.50	LAA	10						
5A	CINCH 7.64L	0.96	LAA	9	97	99	96	99	65	87
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	CINCH 7.64L	0.96	LAA	9	99	99	99	99	83	93
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
7A	KIH-485 60WG	0.19	LAA	9	99	99	99	99	73	81
	B STEADFAST 75DF	0.035	LAA	11						
	C CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
8A	KIH-485 60WG	0.19	LAA	9	99	99	99	99	92	93
	B STEADFAST ATZ	0.78	LAA	0						
	C STEADFAST 75DF	0.035	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	DEFINE 4SC	0.375	LAA	9	99	93	99	92	92	90
	B OPTION 35WDG	0.033	LAA	11						
	C DISTINCT 70WG	0.175	LAA	11						
	D MSO	0.94	PMV	11						
	E 28% UAN	1.88	PMV	11						
10A	DEFINE 4SC	0.375	LAA	9	73	98	99	98	83	80
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	0.94	PMV	11						
	D 28% UAN	1.88	PMV	11						
11A	BALANCE PRO 4S	0.07	LAA	9	95	57	96	88	50	68
	B EQUIP 62WG	0.058	LAA	11						
	C MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	DEFINE 4SC	0.68	LAA	9	99	99	99	99	96	95
	B BUCTRIL+ATRA	0.75	LAA	11						
13A	SURPASS 6.4	2.00	LAA	9	90	98	99	95	90	88
	B STARANE 1.5L	0.12	LAA	11						
14A	SURPASS 6.4	2.00	LAA	9	97	99	99	88	94	88
	B GF-1203 1.5L	0.24	LAA	11						
15A	DUAL II MAGNUM	1.59	LAA	9	99	99	98	99	95	67
	B CALLISTO 4SC	0.094	LAA	11						
	C COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Sequential weed control systems in corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		CHEAL	POLPY	AMBEL	ABUTH	XANST	PHBPU
		RATE	UNIT TM	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04	CON % 06/26/04
16A	DUAL II MAGNUM	1.59	LAA 9	99	99	99	96	92	94
	B»CALLISTO 4SC	0.094	LAA 11						
	C ATRAZINE DF	0.25	LAA 11						
	D»COC	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
17A	CHECK	0.00	NA 0	0	0	0	0	0	0
18A	HARNESS (7EC)	1.97	LAA 9	99	90	99	98	96	25
	B»YUKON 67.5WG	0.169	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
19A	DEGREE 3.8SC	1.97	LAA 9	99	98	99	96	99	77
	B»YUKON 67.5WG	0.169	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
20A	DUAL II MAGNUM	1.59	LAA 9	99	99	99	99	93	92
	B»SPIRIT 57WG	0.036	LAA 11						
	C ATRAZINE DF	1.00	LAA 11						
	D»COC	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
21A	DUAL II MAGNUM	1.59	LAA 9	99	93	99	96	90	88
	B»NORTHSTAR 47.4	0.148	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
			LSL (0.05)	7.55	4.94	2.68	8.65	11.32	15.11
			STANDARD DEVIATION	3.74	2.44	1.33	4.28	5.60	7.48

TITLE: Sequential weed control systems in corn. C-400
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	YIELD
		RATE	UNIT		BU/A 09/23/04
1A	DUAL II MAGNUM	1.59	LAA	9	144.3
2A	OUTLOOK 6EC	0.98	LAA	9	213.0
	B MARKSMAN SC	1.20	LAA	10	
	C LIQUID AMS	3.67	PMV	10	
3A	DUAL II MAGNUM	1.59	LAA	9	212.4
	B RIFLE PLUS 3.2	1.20	LAA	10	
4A	DUAL II MAGNUM	1.59	LAA	9	199.5
	B RIFLE 4L	0.50	LAA	10	
5A	CINCH 7.64L	0.96	LAA	9	212.1
	B STEADFAST 75DF	0.035	LAA	11	
	C CALLISTO 4SC	0.047	LAA	11	
	D COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
6A	CINCH 7.64L	0.96	LAA	9	202.1
	B STEADFAST 75DF	0.035	LAA	11	
	C CALLISTO 4SC	0.047	LAA	11	
	D ATRAZINE DF	0.25	LAA	11	
	E COC	1.00	PMV	11	
	F 28% UAN	2.50	PMV	11	
7A	KIH-485 60WG	0.19	LAA	9	214.2
	B STEADFAST 75DF	0.035	LAA	11	
	C CALLISTO 4SC	0.047	LAA	11	
	D ATRAZINE DF	0.25	LAA	11	
	E COC	1.00	PMV	11	
	F 28% UAN	2.50	PMV	11	
8A	KIH-485 60WG	0.19	LAA	9	215.7
	B STEADFAST ATZ	0.78	LAA	0	
	C STEADFAST 75DF	0.035	LAA	11	
	D ATRAZINE DF	0.75	LAA	11	
	E COC	1.00	PMV	11	
	F 28% UAN	2.50	PMV	11	
9A	DEFINE 4SC	0.375	LAA	9	213.0
	B OPTION 35WDG	0.033	LAA	11	
	C DISTINCT 70WG	0.175	LAA	11	
	D MSO	0.94	PMV	11	
	E 28% UAN	1.88	PMV	11	
10A	DEFINE 4SC	0.375	LAA	9	207.0
	B EQUIP 62WG	0.058	LAA	11	
	C MSO	0.94	PMV	11	
	D 28% UAN	1.88	PMV	11	
11A	BALANCE PRO 4S	0.07	LAA	9	206.5
	B EQUIP 62WG	0.058	LAA	11	
	C MSO	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
12A	DEFINE 4SC	0.68	LAA	9	213.6
	B BUCTRIL+ATRA	0.75	LAA	11	
13A	SURPASS 6.4	2.00	LAA	9	215.8
	B STARANE 1.5L	0.12	LAA	11	
14A	SURPASS 6.4	2.00	LAA	9	217.0
	B GF-1203 1.5L	0.24	LAA	11	
15A	DUAL II MAGNUM	1.59	LAA	9	197.7
	B CALLISTO 4SC	0.094	LAA	11	
	C COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	

TITLE: Sequential weed control systems in corn. C-400

TRT	TREATMENT	DOSAGE	YIELD
NUM	COMPONENT	RATE UNIT TM	BU/A 09/23/04
16A	DUAL II MAGNUM	1.59 LAA 9	207.9
	B»CALLISTO 4SC	0.094 LAA 11	
	C ATRAZINE DF	0.25 LAA 11	
	D»COC	1.00 PMV 11	
	E 28% UAN	2.50 PMV 11	
17A	CHECK	0.00 NA 0	124.7
18A	HARNESS (7EC)	1.97 LAA 9	205.2
	B»YUKON 67.5WG	0.169 LAA 11	
	C»ACTIVATOR 90	0.25 PMV 11	
	D 28% UAN	2.50 PMV 11	
19A	DEGREE 3.8SC	1.97 LAA 9	203.7
	B»YUKON 67.5WG	0.169 LAA 11	
	C»ACTIVATOR 90	0.25 PMV 11	
	D 28% UAN	2.50 PMV 11	
20A	DUAL II MAGNUM	1.59 LAA 9	204.2
	B»SPIRIT 57WG	0.036 LAA 11	
	C ATRAZINE DF	1.00 LAA 11	
	D»COC	1.00 PMV 11	
	E 28% UAN	2.50 PMV 11	
21A	DUAL II MAGNUM	1.59 LAA 9	207.5
	B»NORTHSTAR 47.4	0.148 LAA 11	
	C»ACTIVATOR 90	0.25 PMV 11	
	D 28% UAN	2.50 PMV 11	
		LSD (0.05)	19.47
		STANDARD DEVIATION	9.63

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/17/2004(1)
 10 = ----- / VEPOST 05/17/2004(2)
 11 = ----- / EPOST 05/26/2004(3)

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 %	05/17/2004	01	P	ZEAMD	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/17/2004	02	P	SETFA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/17/2004	03	P	CHEAL	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/17/2004	04	P	POLPY	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	05/17/2004	05	P	AMBEL	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/17/2004	06	P	ABUTH	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/17/2004	07	P	XANST	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	05/17/2004	08	P	PHBPU	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/06/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/06/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/06/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	06/06/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	06/06/2004	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/06/2004	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/06/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	06/06/2004	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	06/26/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/26/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	06/26/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	POLPY	CON %	06/26/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMBEL	CON %	06/26/2004	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	06/26/2004	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	XANST	CON %	06/26/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PHBPU	CON %	06/26/2004	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	YIELD	BU/A	09/23/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 63-81

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED

* STAGE CODE

11 = FIRST LEAF UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED