

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 70
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/15/03	06/12/03	AME
AIR TEMPERATURE	65	77	F
% REL.HUMIDITY	45	64	
WIND DIRECTION	NORTHWEST	WEST	
WIND SPEED	5.0	2.0	M/H
CLOUD COVER	CLEAR	OVERCAST	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF		HGH/15 3.00/3.00	IN
PIGWEEED, REDROOT		MED/15 3.00/3.00	IN
LAMBSQUARTERS, C		HGH/19 2.00/2.00	IN
JIMSONWEED		MED/13 3.00/3.00	IN
MORNINGGLORY, IV		HGH/15 3.00/3.00	IN
FOXTAIL, GIANT		HGH/13 2.00/2.00	IN
CORN, DENT DEKALB 6410 RR 05/13/2003	---/01 /		IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 13 = 3 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Sequential weed control systems in conventional corn - 2407
CREATED: 04/27/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	ABUTH	AMARE	DATST	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/12/03	06/12/03	06/12/03	06/12/03	06/12/03	
1A»	DUAL II MAGNUM	1.59	LAA	9	0	92	96	0	99	87
2A»	DUAL II MAGNUM	1.59	LAA	9	0	83	90	0	90	87
B»	CALLISTO 4SC	0.094	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	DUAL II MAGNUM	1.59	LAA	9	0	87	90	0	96	83
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						
5A»	DUAL II MAGNUM	1.59	LAA	9	0	94	88	0	96	93
B»	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
6A»	DUAL II MAGNUM	1.59	LAA	9	0	93	88	0	99	93
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.047	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
7A»	DUAL II MAGNUM	1.59	LAA	9	0	95	85	0	91	91
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.094	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
8A»	DUAL II MAGNUM	1.59	LAA	9	0	83	85	0	86	83
B»	CALLISTO 4SC	0.094	LAA	11						
C	SENCOR 75WG	0.141	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E	28% UAN	2.50	PMV	11						
9A»	DUAL II MAGNUM	1.59	LAA	9	0	93	91	0	90	87
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.125	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A»	DUAL II MAGNUM	1.59	LAA	9	0	93	98	0	95	96
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.25	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	DUAL II MAGNUM	1.59	LAA	9	0	92	95	0	93	96
B»	CALLISTO 4SC	0.047	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A»	DUAL II MAGNUM	1.59	LAA	9	0	82	93	0	99	86
B»	CALLISTO 4SC	0.031	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
13A»	DUAL II MAGNUM	1.59	LAA	9	0	96	98	0	98	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						

TITLE: Sequential weed control systems in conventional corn - 2407

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/12/03	SETFA CON % 06/12/03	CHEAL CON % 06/12/03	ABUTH CON % 06/12/03	AMARE CON % 06/12/03	DATST CON % 06/12/03
14A»	DUAL II MAGNUM	1.59	LAA	9	0	93	92	0	99	96
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CINCH 7.64L	0.96	LAA	9	0	85	68	0	73	62
	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						
16A»	CINCH 7.64L	0.96	LAA	9	0	73	53	0	65	58
	B»STEADFAST 75DF	0.035	LAA	11						
	C»CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
17A»	OUTLOOK 6EC	0.98	LAA	9	0	92	90	0	99	96
	B»DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
18A»	OUTLOOK 6EC	0.98	LAA	9	0	93	90	0	99	96
	B»DISTINCT 70WG	0.175	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	87	99	0	99	99
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A	HARNESS (7EC)	1.97	LAA	9	0	90	99	0	99	99
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
21A»	DEFINE 60DF	0.375	LAA	9	0	93	99	0	96	96
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A»	DEFINE 60DF	0.68	LAA	9	0	93	95	0	99	99
	B BUCTRIL+ATRA	0.75	LAA	11						
	C»COC	1.00	PMV	11						
23A»	BALANCE PRO 4S	0.07	LAA	9	0	89	99	99	99	96
	B»EQUIP 62WG	0.058	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	ATRAZINE DF	1.50	LAA	9	0	65	96	96	91	99
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.175	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
LSD (0.05)					0.00	11.19	9.92	1.73	11.00	10.94
STANDARD DEVIATION					0.00	5.60	5.00	0.866	5.50	5.47

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PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**

REPS: 03

TRT	TREATMENT	DOSAGE	ZEAMD	ZEAMD	SETFA	CHEAL	ABUTH	ABUTH		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/19/03	06/30/03	06/30/03	06/30/03		
1A»	DUAL II MAGNUM	1.59	LAA	9	0	0	80	93	0	91
2A»	DUAL II MAGNUM	1.59	LAA	9	7	0	70	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	DUAL II MAGNUM	1.59	LAA	9	5	0	83	99	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						
5A»	DUAL II MAGNUM	1.59	LAA	9	5	0	93	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
6A»	DUAL II MAGNUM	1.59	LAA	9	30	0	73	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.047	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
7A»	DUAL II MAGNUM	1.59	LAA	9	22	0	81	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.094	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
8A»	DUAL II MAGNUM	1.59	LAA	9	0	0	73	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	SENCOR 75WG	0.141	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E	28% UAN	2.50	PMV	11						
9A»	DUAL II MAGNUM	1.59	LAA	9	22	0	76	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.125	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A»	DUAL II MAGNUM	1.59	LAA	9	35	0	77	99	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.25	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	DUAL II MAGNUM	1.59	LAA	9	0	0	90	99	99	99
B»	CALLISTO 4SC	0.047	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A»	DUAL II MAGNUM	1.59	LAA	9	0	0	78	99	98	99
B»	CALLISTO 4SC	0.031	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
13A»	DUAL II MAGNUM	1.59	LAA	9	0	0	94	99	96	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						

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/19/03	ZEAMD CON % 06/30/03	SETFA CON % 06/30/03	CHEAL CON % 06/30/03	ABUTH CON % 06/30/03	ABUTH CON % 06/30/03
14A»	DUAL II MAGNUM	1.59	LAA	9	0	0	87	99	93	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CINCH 7.64L	0.96	LAA	9	7	0	99	99	99	99
	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						
16A»	CINCH 7.64L	0.96	LAA	9	0	0	99	99	99	99
	B»STEADFAST 75DF	0.035	LAA	11						
	C»CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
17A»	OUTLOOK 6EC	0.98	LAA	9	0	0	88	99	98	99
	B»DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
18A»	OUTLOOK 6EC	0.98	LAA	9	0	0	89	99	93	99
	B»DISTINCT 70WG	0.175	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	0	71	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						
20A	HARNESS (7EC)	1.97	LAA	9	17	0	75	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						
21A»	DEFINE 60DF	0.375	LAA	9	28	0	99	99	98	99
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A»	DEFINE 60DF	0.68	LAA	9	5	0	86	99	99	99
	B BUCTRIL+ATRA	0.75	LAA	11						
	C»COC	1.00	PMV	11						
23A»	BALANCE PRO 4S	0.07	LAA	9	27	0	96	99	98	99
	B»EQUIP 62WG	0.058	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	ATRAZINE DF	1.50	LAA	9	32	0	99	99	99	99
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.175	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
LSD (0.05)					4.14	0.00	8.88	1.73	2.87	3.34
STANDARD DEVIATION					2.07	0.00	4.44	0.866	1.44	1.67

TITLE: Sequential weed control systems in conventional corn - 2407
CREATED: 04/27/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**

REPS: 03

TRT	TREATMENT	DOSAGE	DATST	IPOHE	ZEAMD	SETFA	CHEAL	ABUTH		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/30/03	06/30/03	07/13/03	07/13/03		
1A»	DUAL II MAGNUM	1.59	LAA	9	93	0	0	77	93	0
2A»	DUAL II MAGNUM	1.59	LAA	9	99	82	0	67	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
3A	CHECK	0.00	NA	0	0	0	0	0	0	0
4A»	DUAL II MAGNUM	1.59	LAA	9	99	87	0	78	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						
5A»	DUAL II MAGNUM	1.59	LAA	9	99	87	0	88	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
6A»	DUAL II MAGNUM	1.59	LAA	9	99	83	0	67	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.047	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
7A»	DUAL II MAGNUM	1.59	LAA	9	99	85	0	72	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BUCTRIL 2EC	0.094	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
8A»	DUAL II MAGNUM	1.59	LAA	9	99	78	0	67	99	95
B»	CALLISTO 4SC	0.094	LAA	11						
C	SENCOR 75WG	0.141	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E	28% UAN	2.50	PMV	11						
9A»	DUAL II MAGNUM	1.59	LAA	9	99	91	0	73	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.125	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A»	DUAL II MAGNUM	1.59	LAA	9	99	96	0	72	99	99
B»	CALLISTO 4SC	0.094	LAA	11						
C	BASAGRAN 4SL	0.25	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	DUAL II MAGNUM	1.59	LAA	9	99	98	0	85	99	99
B»	CALLISTO 4SC	0.047	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A»	DUAL II MAGNUM	1.59	LAA	9	99	95	0	73	99	98
B»	CALLISTO 4SC	0.031	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
13A»	DUAL II MAGNUM	1.59	LAA	9	99	95	0	92	99	93
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						

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	DATST CON % 06/30/03	IPOHE CON % 06/30/03	ZEAMD CON % 07/13/03	SETFA CON % 07/13/03	CHEAL CON % 07/13/03	ABUTH CON % 07/13/03
14A»	DUAL II MAGNUM	1.59	LAA	9	99	96	0	86	99	88
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CINCH 7.64L	0.96	LAA	9	99	96	0	93	99	96
	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						
16A»	CINCH 7.64L	0.96	LAA	9	99	97	0	95	99	98
	B»STEADFAST 75DF	0.035	LAA	11						
	C»CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
17A»	OUTLOOK 6EC	0.98	LAA	9	99	94	0	87	99	93
	B»DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
18A»	OUTLOOK 6EC	0.98	LAA	9	99	88	0	82	99	85
	B»DISTINCT 70WG	0.175	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	93	0	68	99	99
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A	HARNESS (7EC)	1.97	LAA	9	99	98	0	70	99	99
	B»YUKON 67.5WG	0.169	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
21A»	DEFINE 60DF	0.375	LAA	9	99	98	0	93	99	92
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.088	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A»	DEFINE 60DF	0.68	LAA	9	99	88	0	82	99	95
	B BUCTRIL+ATRA	0.75	LAA	11						
	C»COC	1.00	PMV	11						
23A»	BALANCE PRO 4S	0.07	LAA	9	99	98	0	84	99	90
	B»EQUIP 62WG	0.058	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	ATRAZINE DF	1.50	LAA	9	99	99	0	95	99	95
	B»OPTION 35WDG	0.033	LAA	11						
	C»DISTINCT 70WG	0.175	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
LSD (0.05)					1.73	9.28	0.00	7.76	1.73	6.11
STANDARD DEVIATION					0.866	4.64	0.00	3.88	0.866	3.05

TITLE: Sequential weed control systems in conventional corn - 2407
CREATED: 04/27/2003 **REVISED:** 11/06/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		AMARE	DATST	IPOHE	YIELD	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/A
					07/13/03	07/13/03	07/13/03	10/17/03
1A»	DUAL II MAGNUM	1.59	LAA	9	99	99	0	185.2
2A»	DUAL II MAGNUM	1.59	LAA	9	99	99	78	232.1
B»	CALLISTO 4SC	0.094	LAA	11				
C»	COC	1.00	PMV	11				
D	28% UAN	2.50	PMV	11				
3A	CHECK	0.00	NA	0	0	0	0	142.9
4A»	DUAL II MAGNUM	1.59	LAA	9	99	99	82	242.9
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				
5A»	DUAL II MAGNUM	1.59	LAA	9	99	99	89	242.0
B»	CALLISTO 4SC	0.094	LAA	11				
C	ATRAZINE DF	1.00	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
6A»	DUAL II MAGNUM	1.59	LAA	9	99	99	85	221.1
B»	CALLISTO 4SC	0.094	LAA	11				
C	BUCTRIL 2EC	0.047	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
7A»	DUAL II MAGNUM	1.59	LAA	9	99	99	83	225.7
B»	CALLISTO 4SC	0.094	LAA	11				
C	BUCTRIL 2EC	0.094	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
8A»	DUAL II MAGNUM	1.59	LAA	9	99	99	78	231.0
B»	CALLISTO 4SC	0.094	LAA	11				
C	SENCOR 75WG	0.141	LAA	11				
D»	ACTIVATOR 90	0.25	PMV	11				
E	28% UAN	2.50	PMV	11				
9A»	DUAL II MAGNUM	1.59	LAA	9	99	99	83	235.6
B»	CALLISTO 4SC	0.094	LAA	11				
C	BASAGRAN 4SL	0.125	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
10A»	DUAL II MAGNUM	1.59	LAA	9	99	99	95	234.4
B»	CALLISTO 4SC	0.094	LAA	11				
C	BASAGRAN 4SL	0.25	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
11A»	DUAL II MAGNUM	1.59	LAA	9	99	99	95	248.1
B»	CALLISTO 4SC	0.047	LAA	11				
C	ATRAZINE DF	1.00	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
12A»	DUAL II MAGNUM	1.59	LAA	9	99	99	93	222.8
B»	CALLISTO 4SC	0.031	LAA	11				
C	ATRAZINE DF	1.00	LAA	11				
D»	COC	1.00	PMV	11				
E	28% UAN	2.50	PMV	11				
13A»	DUAL II MAGNUM	1.59	LAA	9	99	99	92	217.1
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				

TITLE: Sequential weed control systems in conventional corn - 2407

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMARE CON % 07/13/03	DATST CON % 07/13/03	IPOHE CON % 07/13/03	YIELD BU/A 10/17/03
14A»	DUAL II MAGNUM	1.59	LAA	9	99	99	82	227.0
	B»NORTHSTAR 47.4	0.148	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	PMV	11				
15A»	CINCH 7.64L	0.96	LAA	9	99	99	85	250.9
	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				
16A»	CINCH 7.64L	0.96	LAA	9	99	99	89	243.0
	B»STEADFAST 75DF	0.035	LAA	11				
	C»CALLISTO 4SC	0.047	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»COC	1.00	PMV	11				
	F 28% UAN	2.50	PMV	11				
17A»	OUTLOOK 6EC	0.98	LAA	9	99	99	83	240.0
	B»DISTINCT 70WG	0.175	LAA	11				
	C ATRAZINE DF	1.00	LAA	11				
	D»ACTIVATOR 90	0.25	PMV	11				
	E 28% UAN	2.50	PMV	11				
18A»	OUTLOOK 6EC	0.98	LAA	9	99	99	78	229.1
	B»DISTINCT 70WG	0.175	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	99	77	220.3
	B»YUKON 67.5WG	0.169	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	PMV	11				
20A	HARNESS (7EC)	1.97	LAA	9	99	99	78	227.5
	B»YUKON 67.5WG	0.169	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D 28% UAN	2.50	PMV	11				
21A»	DEFINE 60DF	0.375	LAA	9	99	99	93	240.6
	B»OPTION 35WDG	0.033	LAA	11				
	C»DISTINCT 70WG	0.088	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
22A»	DEFINE 60DF	0.68	LAA	9	99	99	83	228.7
	B BUCTRIL+ATRA	0.75	LAA	11				
	C»COC	1.00	PMV	11				
23A»	BALANCE PRO 4S	0.07	LAA	9	99	99	91	236.7
	B»EQUIP 62WG	0.058	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
24A	ATRAZINE DF	1.50	LAA	9	99	99	96	242.3
	B»OPTION 35WDG	0.033	LAA	11				
	C»DISTINCT 70WG	0.175	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
LSD (0.05)					0.00	0.00	13.60	29.00
STANDARD DEVIATION					0.00	0.00	6.80	14.51

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/15/2003(1)

11 = ----- / EPOST 06/12/2003(2)

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 %	06/12/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Sequential weed control systems in conventional corn - 2407

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	SETFA	CON %	06/12/2003	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2003	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/12/2003	04	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMARE	CON %	06/12/2003	05	P	AMARE	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	DATST	CON %	06/12/2003	06	P	DATST	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/19/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/30/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/30/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/30/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/30/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/30/2003	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	DATST	CON %	06/30/2003	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	IPOHE	CON %	06/30/2003	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/13/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/13/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/13/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ABUTH	CON %	07/13/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMARE	CON %	07/13/2003	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	DATST	CON %	07/13/2003	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	IPOHE	CON %	07/13/2003	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/17/2003	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6410 RR

* STAGE CODE

13 = 3 LEAVES UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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