

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.1  
 %OM: 5.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/18/03	05/06/03	06/02/03	AME
AIR TEMPERATURE	62	73	67	F
% REL.HUMIDITY	70	50	40	
WIND DIRECTION	---	---	SOUTHEAST	
WIND SPEED	0.0	0.0	7.0	M/H
CLOUD COVER	CLOUDY	CLEAR	CLOUDY	
DEW	NO	NO	---	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	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	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	30.00	30.00	30.00	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 G8523IT 04/18/2003		---/11 4.00/4.00	---/16 15.0/15.0	IN
*** PEST *** VELVETLEAF		---/10 0.50/0.50	---/15 3.00/6.00	IN
WATERHEMP, COMMO		---/12 0.50/0.50	---/18 1.00/4.00	IN
LAMBSQUARTERS, C		---/12 0.50/0.50	---/19 2.00/4.00	IN
MORNINGGLORY, TA		---/12 0.50/0.50	---/15 1.00/3.00	IN
SMARTWEED, PENNS		---/11 0.50/0.50	---/18 2.00/4.00	IN
FOXTAIL, GIANT		---/11 1.00/1.00	---/12 1.00/4.00	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  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03
1A	BICEP II MAGNU	3.30	LAA	9	0	98	99	99	75	68
2A	LUMAX 3.9L	2.96	LAA	9	0	96	99	99	84	81
3A	GUARDS MAX 5L	2.50	LAA	9	0	98	99	99	73	67
	B>>BALANCE PRO 4S	0.047	LAA	9						
4A	KEYSTONE 5.25L	3.50	LAA	9	0	98	99	99	97	89
	B>>HORNET 68.5WG	0.128	LAA	9						
5A	BICEP II MAGNU	3.30	LAA	9	0	81	99	98	72	70
	B>>CALLISTO 4SC	0.094	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	BICEP II MAGNU	3.30	LAA	9	0	98	99	99	68	67
	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						
7A	CINCH ATZ 5.5L	1.03	LAA	9	0	87	95	98	65	57
	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						
8A	CINCH ATZ 5.5L	1.03	LAA	9	0	90	93	96	50	50
	B>>STEADFAST 75DF	0.035	LAA	11						
	C>>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	FULTIME 4SC	3.30	LAA	9	0	97	99	99	67	67
	B>>HORNET 68.5WG	0.128	LAA	11						
	C CLARITY	0.125	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	3.67	PMV	11						
10A	ATRAZINE DF	2.00	LAA	9	0	91	96	96	77	74
	B>>LIGHTNING 70DG	0.056	LAA	11						
	C>>DISTINCT 70WG	0.175	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	2.50	PMV	11						
11A	GUARDS MAX 5L	1.25	LAA	9	0	95	99	99	63	58
	B>>LIGHTNING 70DG	0.056	LAA	11						
	C>>DISTINCT 70WG	0.175	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25L	3.50	LAA	9	0	99	99	99	75	76
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>CALLISTO 4SC	0.023	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E>>COC	1.00	PMV	11						
	F>>LIQUID AMS	3.67	PMV	11						
13A	FULTIME 4SC	3.30	LAA	9	0	95	99	99	67	65
	B>>HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>>COC	1.00	PMV	11						
	E>>LIQUID AMS	3.67	PMV	11						
14A	ATRAZINE DF	2.00	LAA	9	0	85	99	99	97	87
	B>>LIGHTNING 70DG	0.056	LAA	10						
	C MARKSMAN SC	1.00	LAA	10						
	D>>ACTIVATOR 90	0.25	PMV	10						
	E>>LIQUID AMS	2.50	PMV	10						

## TITLE: Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03	CON % 05/08/03
15A	GUARDS MAX 5L	2.50	LAA	9	0	98	99	99	80	77
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
16A	GUARDS MAX 5L	2.50	LAA	9	0	97	99	99	75	73
	B DISTINCT 70WG	0.175	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
17A	HARNESS XTRA	2.70	LAA	9	0	99	99	99	92	77
	B YUKON 67.5WG	0.169	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
18A	DEGREE XTRA 4S	3.00	LAA	9	0	86	98	98	57	47
	B YUKON 67.5WG	0.169	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
19A	HARNESS XTRA	2.70	LAA	9	0	98	99	99	76	75
	B PERMIT (75WG)	0.031	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
20A	DEGREE XTRA 4S	3.00	LAA	9	0	95	98	99	60	60
	B PERMIT (75WG)	0.031	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
21A	BALANCE PRO 4S	0.047	LAA	9	0	86	99	99	88	82
	B ATRAZINE DF	1.50	LAA	9						
	C EQUIP 62WG	0.058	LAA	11						
	D MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A	LUMAX 3.9L	1.48	LAA	9	0	96	99	99	93	81
	B LUMAX 3.9L	1.48	LAA	10						
	C COC	1.00	PMV	10						
23A	CHECK	0.00	NA	0	0	0	0	0	0	0
24A	BICEP II MAGNU	2.20	LAA	9	0	96	99	99	72	75
	B BICEP II MAGNU	1.38	LAA	10						
	C COC	1.00	PMV	10						
25A	BICEP II MAGNU	2.20	LAA	9	0	95	99	99	78	77
	B LUMAX 3.9L	1.48	LAA	10						
	C COC	1.00	PMV	10						
26A	GUARDS MAX 5L	1.25	LAA	9	0	90	99	99	68	80
	B GUARDS MAX 5L	1.25	LAA	10						
	C COC	1.00	PMV	10						
27A	GUARDS MAX 5L	1.25	LAA	9	0	91	90	93	63	60
	B GUARDS MAX 5L	1.25	LAA	10						
	C MARKSMAN SC	1.20	LAA	10						
	D LIQUID AMS	3.67	PMV	10						
28A	KEYSTONE 5.25L	2.33	LAA	9	0	98	99	99	67	77
	B KEYSTONE 5.25L	1.17	LAA	10						
	C HORNET 68.5WG	0.128	LAA	10						
	D ACTIVATOR 90	0.25	PMV	10						
	E LIQUID AMS	3.67	PMV	10						
		LSD (0.05)			0.00	7.12	3.00	2.00	10.61	12.14
		STANDARD DEVIATION			0.00	3.56	1.52	1.00	5.31	6.07

**TITLE:** Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **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	POLPY	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT		CON % 05/08/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03
1A	BICEP II MAGNU	3.30	LAA	9	99	0	73	99	99	52
2A	LUMAX 3.9L	2.96	LAA	9	99	0	80	82	99	95
3A	GUARDS MAX 5L	2.50	LAA	9	99	0	83	98	99	99
	B>>BALANCE PRO 4S	0.047	LAA	9						
4A	KEYSTONE 5.25L	3.50	LAA	9	99	0	91	99	99	50
	B>>HORNET 68.5WG	0.128	LAA	9						
5A	BICEP II MAGNU	3.30	LAA	9	99	0	68	90	99	53
	B>>CALLISTO 4SC	0.094	LAA	11						
	C>>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	BICEP II MAGNU	3.30	LAA	9	99	11	77	99	99	57
	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						
7A	CINCH ATZ 5.5L	1.03	LAA	9	98	0	70	70	99	43
	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						
8A	CINCH ATZ 5.5L	1.03	LAA	9	96	0	73	78	99	40
	B>>STEADFAST 75DF	0.035	LAA	11						
	C>>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	FULTIME 4SC	3.30	LAA	9	99	0	94	99	99	60
	B>>HORNET 68.5WG	0.128	LAA	11						
	C CLARITY	0.125	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	3.67	PMV	11						
10A	ATRAZINE DF	2.00	LAA	9	97	3	73	99	99	43
	B>>LIGHTNING 70DG	0.056	LAA	11						
	C>>DISTINCT 70WG	0.175	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	2.50	PMV	11						
11A	GUARDS MAX 5L	1.25	LAA	9	99	0	87	89	99	67
	B>>LIGHTNING 70DG	0.056	LAA	11						
	C>>DISTINCT 70WG	0.175	LAA	11						
	D>>ACTIVATOR 90	0.25	PMV	11						
	E>>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25L	3.50	LAA	9	99	0	96	99	99	82
	B>>HORNET 68.5WG	0.128	LAA	11						
	C>>CALLISTO 4SC	0.023	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E>>COC	1.00	PMV	11						
	F>>LIQUID AMS	3.67	PMV	11						
13A	FULTIME 4SC	3.30	LAA	9	99	7	90	99	99	75
	B>>HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>>COC	1.00	PMV	11						
	E>>LIQUID AMS	3.67	PMV	11						
14A	ATRAZINE DF	2.00	LAA	9	98	0	84	99	93	91
	B>>LIGHTNING 70DG	0.056	LAA	10						
	C MARKSMAN SC	1.00	LAA	10						
	D>>ACTIVATOR 90	0.25	PMV	10						
	E>>LIQUID AMS	2.50	PMV	10						

## TITLE: Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			POLPY	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/08/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03
15A	»GUARDS MAX 5L	2.50	LAA	9	98	2	96	99	99	98
	B »MARKSMAN SC	1.20	LAA	10						
	C »LIQUID AMS	3.67	PMV	10						
16A	»GUARDS MAX 5L	2.50	LAA	9	99	0	86	99	99	72
	B »DISTINCT 70WG	0.175	LAA	11						
	C »ACTIVATOR 90	0.25	PMV	11						
	D »LIQUID AMS	3.67	PMV	11						
17A	HARNESS XTRA	2.70	LAA	9	99	0	90	99	99	73
	B »YUKON 67.5WG	0.169	LAA	11						
	C »ACTIVATOR 90	0.25	PMV	11						
	D »LIQUID AMS	3.67	PMV	11						
18A	»DEGREE XTRA 4S	3.00	LAA	9	95	0	72	90	99	57
	B »YUKON 67.5WG	0.169	LAA	11						
	C »ACTIVATOR 90	0.25	PMV	11						
	D »LIQUID AMS	3.67	PMV	11						
19A	HARNESS XTRA	2.70	LAA	9	99	4	78	99	99	58
	B PERMIT (75WG)	0.031	LAA	11						
	C »ACTIVATOR 90	0.25	PMV	11						
	D »LIQUID AMS	3.67	PMV	11						
20A	»DEGREE XTRA 4S	3.00	LAA	9	97	0	85	89	99	57
	B PERMIT (75WG)	0.031	LAA	11						
	C »ACTIVATOR 90	0.25	PMV	11						
	D »LIQUID AMS	3.67	PMV	11						
21A	»BALANCE PRO 4S	0.047	LAA	9	99	3	78	94	99	98
	B ATRAZINE DF	1.50	LAA	9						
	C »EQUIP 62WG	0.058	LAA	11						
	D »MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A	»LUMAX 3.9L	1.48	LAA	9	99	0	85	99	99	99
	B »LUMAX 3.9L	1.48	LAA	10						
	C »COC	1.00	PMV	10						
23A	CHECK	0.00	NA	0	0	0	0	0	0	0
24A	»BICEP II MAGNU	2.20	LAA	9	99	0	92	96	99	73
	B »BICEP II MAGNU	1.38	LAA	10						
	C »COC	1.00	PMV	10						
25A	»BICEP II MAGNU	2.20	LAA	9	99	0	85	99	93	96
	B »LUMAX 3.9L	1.48	LAA	10						
	C »COC	1.00	PMV	10						
26A	»GUARDS MAX 5L	1.25	LAA	9	99	0	88	93	99	99
	B »GUARDS MAX 5L	1.25	LAA	10						
	C »COC	1.00	PMV	10						
27A	»GUARDS MAX 5L	1.25	LAA	9	97	2	87	83	99	90
	B »GUARDS MAX 5L	1.25	LAA	10						
	C MARKSMAN SC	1.20	LAA	10						
	D »LIQUID AMS	3.67	PMV	10						
28A	»KEYSTONE 5.25L	2.33	LAA	9	99	0	87	99	99	90
	B »KEYSTONE 5.25L	1.17	LAA	10						
	C »HORNET 68.5WG	0.128	LAA	10						
	D »ACTIVATOR 90	0.25	PMV	10						
	E »LIQUID AMS	3.67	PMV	10						
		LSD (0.05)			2.00	3.92	15.58	10.15	3.72	11.00
		STANDARD DEVIATION			1.00	2.00	7.79	5.07	1.86	5.51

**TITLE:** Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **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	POLPY	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT		CON % 05/16/03	CON % 05/16/03	CON % 07/05/03	CON % 07/05/03	CON % 07/05/03	CON % 07/05/03
1A	BICEP II MAGNU	3.30	LAA	9	72	99	0	58	85	99
2A	LUMAX 3.9L	2.96	LAA	9	77	90	0	63	73	99
3A	GUARDS MAX 5L	2.50	LAA	9	67	87	0	77	94	99
	B>BALANCE PRO 4S	0.047	LAA	9						
4A	KEYSTONE 5.25L	3.50	LAA	9	63	99	0	83	99	99
	B>HORNET 68.5WG	0.128	LAA	9						
5A	BICEP II MAGNU	3.30	LAA	9	83	99	0	62	99	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	BICEP II MAGNU	3.30	LAA	9	85	99	0	63	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						
7A	CINCH ATZ 5.5L	1.03	LAA	9	62	89	0	70	55	90
	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						
8A	CINCH ATZ 5.5L	1.03	LAA	9	75	99	0	70	85	99
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.75	LAA	11						
	E>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
9A	FULTIME 4SC	3.30	LAA	9	78	99	0	88	99	99
	B>HORNET 68.5WG	0.128	LAA	11						
	C CLARITY	0.125	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E>LIQUID AMS	3.67	PMV	11						
10A	ATRAZINE DF	2.00	LAA	9	77	99	0	73	99	99
	B>LIGHTNING 70DG	0.056	LAA	11						
	C>DISTINCT 70WG	0.175	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E>LIQUID AMS	2.50	PMV	11						
11A	GUARDS MAX 5L	1.25	LAA	9	78	93	0	90	99	99
	B>LIGHTNING 70DG	0.056	LAA	11						
	C>DISTINCT 70WG	0.175	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E>LIQUID AMS	2.50	PMV	11						
12A	KEYSTONE 5.25L	3.50	LAA	9	81	99	0	85	99	99
	B>HORNET 68.5WG	0.128	LAA	11						
	C>CALLISTO 4SC	0.023	LAA	11						
	D ATRAZINE DF	0.25	LAA	11						
	E>COC	1.00	PMV	11						
	F>LIQUID AMS	3.67	PMV	11						
13A	FULTIME 4SC	3.30	LAA	9	88	94	0	91	99	99
	B>HORNET 68.5WG	0.128	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D>COC	1.00	PMV	11						
	E>LIQUID AMS	3.67	PMV	11						
14A	ATRAZINE DF	2.00	LAA	9	84	99	0	67	99	89
	B>LIGHTNING 70DG	0.056	LAA	10						
	C MARKSMAN SC	1.00	LAA	10						
	D>ACTIVATOR 90	0.25	PMV	10						
	E>LIQUID AMS	2.50	PMV	10						

## TITLE: Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 05/16/03	POLPY CON % 05/16/03	ZEAMD CON % 07/05/03	SETFA CON % 07/05/03	CHEAL CON % 07/05/03	AMATA CON % 07/05/03
		RATE	UNIT	TM						
15A	GUARDS MAX 5L	2.50	LAA	9	84	99	0	94	93	94
	B MARKSMAN SC	1.20	LAA	10						
	C LIQUID AMS	3.67	PMV	10						
16A	GUARDS MAX 5L	2.50	LAA	9	85	99	0	75	99	99
	B DISTINCT 70WG	0.175	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
17A	HARNESS XTRA	2.70	LAA	9	79	99	0	86	99	99
	B YUKON 67.5WG	0.169	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
18A	DEGREE XTRA 4S	3.00	LAA	9	60	99	0	77	99	99
	B YUKON 67.5WG	0.169	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
19A	HARNESS XTRA	2.70	LAA	9	75	99	0	73	93	99
	B PERMIT (75WG)	0.031	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
20A	DEGREE XTRA 4S	3.00	LAA	9	55	99	0	76	83	99
	B PERMIT (75WG)	0.031	LAA	11						
	C ACTIVATOR 90	0.25	PMV	11						
	D LIQUID AMS	3.67	PMV	11						
21A	BALANCE PRO 4S	0.047	LAA	9	81	99	0	73	99	88
	B ATRAZINE DF	1.50	LAA	9						
	C EQUIP 62WG	0.058	LAA	11						
	D MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A	LUMAX 3.9L	1.48	LAA	9	75	99	0	78	99	99
	B LUMAX 3.9L	1.48	LAA	10						
	C COC	1.00	PMV	10						
23A	CHECK	0.00	NA	0	0	0	0	0	0	0
24A	BICEP II MAGNU	2.20	LAA	9	83	99	0	89	89	99
	B BICEP II MAGNU	1.38	LAA	10						
	C COC	1.00	PMV	10						
25A	BICEP II MAGNU	2.20	LAA	9	88	99	0	90	96	99
	B LUMAX 3.9L	1.48	LAA	10						
	C COC	1.00	PMV	10						
26A	GUARDS MAX 5L	1.25	LAA	9	91	99	0	92	96	99
	B GUARDS MAX 5L	1.25	LAA	10						
	C COC	1.00	PMV	10						
27A	GUARDS MAX 5L	1.25	LAA	9	70	94	0	88	99	99
	B GUARDS MAX 5L	1.25	LAA	10						
	C MARKSMAN SC	1.20	LAA	10						
	D LIQUID AMS	3.67	PMV	10						
28A	KEYSTONE 5.25L	2.33	LAA	9	72	99	0	94	99	99
	B KEYSTONE 5.25L	1.17	LAA	10						
	C HORNET 68.5WG	0.128	LAA	10						
	D ACTIVATOR 90	0.25	PMV	10						
	E LIQUID AMS	3.67	PMV	10						
		LSD (0.05)			15.90	7.59	0.00	14.34	9.51	5.81
		STANDARD DEVIATION			7.95	3.80	0.00	7.17	4.76	2.91

**TITLE:** Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **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	POLPY
		RATE	UNIT		CON % 07/05/03	CON % 07/05/03	CON % 07/05/03
1A	BICEP II MAGNU	3.30	LAA	9	50	50	99
2A	LUMAX 3.9L	2.96	LAA	9	99	58	99
3A	GUARDS MAX 5L	2.50	LAA	9	99	52	90
	B>>BALANCE PRO 4S	0.047	LAA	9			
4A	KEYSTONE 5.25L	3.50	LAA	9	52	57	99
	B>>HORNET 68.5WG	0.128	LAA	9			
5A	BICEP II MAGNU	3.30	LAA	9	96	63	99
	B>>CALLISTO 4SC	0.094	LAA	11			
	C>>COC	1.00	PMV	11			
	D 28% UAN	2.50	PMV	11			
6A	BICEP II MAGNU	3.30	LAA	9	98	58	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			
7A	CINCH ATZ 5.5L	1.03	LAA	9	97	38	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			
8A	CINCH ATZ 5.5L	1.03	LAA	9	98	65	90
	B>>STEADFAST 75DF	0.035	LAA	11			
	C>>CALLISTO 4SC	0.047	LAA	11			
	D ATRAZINE DF	0.75	LAA	11			
	E>>COC	1.00	PMV	11			
	F 28% UAN	2.50	PMV	11			
9A	FULTIME 4SC	3.30	LAA	9	97	87	99
	B>>HORNET 68.5WG	0.128	LAA	11			
	C CLARITY	0.125	LAA	11			
	D>>ACTIVATOR 90	0.25	PMV	11			
	E>>LIQUID AMS	3.67	PMV	11			
10A	ATRAZINE DF	2.00	LAA	9	99	87	99
	B>>LIGHTNING 70DG	0.056	LAA	11			
	C>>DISTINCT 70WG	0.175	LAA	11			
	D>>ACTIVATOR 90	0.25	PMV	11			
	E>>LIQUID AMS	2.50	PMV	11			
11A	GUARDS MAX 5L	1.25	LAA	9	87	72	99
	B>>LIGHTNING 70DG	0.056	LAA	11			
	C>>DISTINCT 70WG	0.175	LAA	11			
	D>>ACTIVATOR 90	0.25	PMV	11			
	E>>LIQUID AMS	2.50	PMV	11			
12A	KEYSTONE 5.25L	3.50	LAA	9	99	78	99
	B>>HORNET 68.5WG	0.128	LAA	11			
	C>>CALLISTO 4SC	0.023	LAA	11			
	D ATRAZINE DF	0.25	LAA	11			
	E>>COC	1.00	PMV	11			
	F>>LIQUID AMS	3.67	PMV	11			
13A	FULTIME 4SC	3.30	LAA	9	93	84	99
	B>>HORNET 68.5WG	0.128	LAA	11			
	C ATRAZINE DF	0.75	LAA	11			
	D>>COC	1.00	PMV	11			
	E>>LIQUID AMS	3.67	PMV	11			
14A	ATRAZINE DF	2.00	LAA	9	99	72	99
	B>>LIGHTNING 70DG	0.056	LAA	10			
	C MARKSMAN SC	1.00	LAA	10			
	D>>ACTIVATOR 90	0.25	PMV	10			
	E>>LIQUID AMS	2.50	PMV	10			



## TITLE: Sequential Systems with Atrazine Premixes in Clearfield Corn AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/05/03	PHBPU CON % 07/05/03	POLPY CON % 07/05/03
		RATE	UNIT	TM			
15A	»GUARDS MAX 5L	2.50	LAA	9	99	68	99
	B »MARKSMAN SC	1.20	LAA	10			
	C »LIQUID AMS	3.67	PMV	10			
16A	»GUARDS MAX 5L	2.50	LAA	9	94	85	99
	B »DISTINCT 70WG	0.175	LAA	11			
	C »ACTIVATOR 90	0.25	PMV	11			
	D »LIQUID AMS	3.67	PMV	11			
17A	HARNESS XTRA	2.70	LAA	9	99	86	99
	B »YUKON 67.5WG	0.169	LAA	11			
	C »ACTIVATOR 90	0.25	PMV	11			
	D »LIQUID AMS	3.67	PMV	11			
18A	»DEGREE XTRA 4S	3.00	LAA	9	99	82	99
	B »YUKON 67.5WG	0.169	LAA	11			
	C »ACTIVATOR 90	0.25	PMV	11			
	D »LIQUID AMS	3.67	PMV	11			
19A	HARNESS XTRA	2.70	LAA	9	99	67	99
	B PERMIT (75WG)	0.031	LAA	11			
	C »ACTIVATOR 90	0.25	PMV	11			
	D »LIQUID AMS	3.67	PMV	11			
20A	»DEGREE XTRA 4S	3.00	LAA	9	99	50	99
	B PERMIT (75WG)	0.031	LAA	11			
	C »ACTIVATOR 90	0.25	PMV	11			
	D »LIQUID AMS	3.67	PMV	11			
21A	»BALANCE PRO 4S	0.047	LAA	9	99	77	99
	B ATRAZINE DF	1.50	LAA	9			
	C »EQUIP 62WG	0.058	LAA	11			
	D »MSO	1.00	PMV	11			
	E 28% UAN	2.50	PMV	11			
22A	»LUMAX 3.9L	1.48	LAA	9	99	68	99
	B »LUMAX 3.9L	1.48	LAA	10			
	C »COC	1.00	PMV	10			
23A	CHECK	0.00	NA	0	0	0	0
24A	»BICEP II MAGNU	2.20	LAA	9	83	72	99
	B »BICEP II MAGNU	1.38	LAA	10			
	C »COC	1.00	PMV	10			
25A	»BICEP II MAGNU	2.20	LAA	9	96	70	99
	B »LUMAX 3.9L	1.48	LAA	10			
	C »COC	1.00	PMV	10			
26A	»GUARDS MAX 5L	1.25	LAA	9	87	82	99
	B »GUARDS MAX 5L	1.25	LAA	10			
	C »COC	1.00	PMV	10			
27A	»GUARDS MAX 5L	1.25	LAA	9	90	65	99
	B »GUARDS MAX 5L	1.25	LAA	10			
	C MARKSMAN SC	1.20	LAA	10			
	D »LIQUID AMS	3.67	PMV	10			
28A	»KEYSTONE 5.25L	2.33	LAA	9	94	65	99
	B »KEYSTONE 5.25L	1.17	LAA	10			
	C »HORNET 68.5WG	0.128	LAA	10			
	D »ACTIVATOR 90	0.25	PMV	10			
	E »LIQUID AMS	3.67	PMV	10			
		LSD (0.05)			8.73	20.37	4.70
		STANDARD DEVIATION			4.36	10.18	2.35

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/18/2003(1)

10 = ----- / VEPOST 05/06/2003(2)

## \* TIMING CODES

11 = ----- / EPOST 06/02/2003(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	05/08/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/08/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/08/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/08/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/08/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/08/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	POLPY	CON %	05/08/2003	07	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	05/16/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	05/16/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	05/16/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	05/16/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	05/16/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	05/16/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	POLPY	CON %	05/16/2003	07	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/05/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/05/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/05/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/05/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/05/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/05/2003	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	POLPY	CON %	07/05/2003	07	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = G85231T