

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  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQUID MI	
APPLICATION DATE	06/11/15	AME
AIR TEMPERATURE	70	F
% REL.HUMIDITY	34	
WIND DIRECTION	NORTHEAST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	TO BE SEL	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H

\* TIMING CODES

12 = --- / POST

**TITLE:** Armezon and Status Combinations for Weed Control Systems in RR/LL Corn. AS-400  
**CREATED:** 04/18/2015 **REVISED:** 10/28/2015 **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  
**PLOT AREA:** 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 06/11/15	CON % 06/11/15	CON % 06/11/15	CON % 06/11/15	CON % 06/11/15	CON % 06/11/15
1A»	ARMEZON 2.8SC	0.016	LAA	12	0	84	63	78	90	47
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	STATUS 56DG	0.175	LAA	12	0	98	96	98	90	90
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	ARMEZON 2.8SC	0.011	LAA	12	0	98	96	98	94	89
	B»STATUS 56DG	0.088	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	ARMEZON 2.8SC	0.014	LAA	12	0	99	97	98	96	93
	B»STATUS 56DG	0.114	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	ARMEZON 2.8SC	0.016	LAA	12	0	99	98	99	95	95
	B»STATUS 56DG	0.131	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	CALLISTO 4SC	0.094	LAA	12	0	86	53	80	91	53
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	DIFLEXX 4L	0.25	LAA	12	0	0	95	96	79	83
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	DIFLEXX 4L	0.375	LAA	12	0	0	98	99	98	97
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	DIFLEXX 4L	0.50	LAA	12	10	0	99	99	99	97
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	LAUDIS FLEXX 1	0.41	LAA	12	1	98	99	98	95	94
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	LAUDIS FLEXX 1	0.51	LAA	12	3	99	99	98	96	97
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				1.41	2.63	7.95	4.40	4.91	5.58
	STANDARD DEVIATION				0.682	1.27	3.83	2.12	2.37	2.69

**TITLE:** Armezon and Status Combinations for Weed Control Systems in RR/LL Corn. AS-400  
**CREATED:** 04/18/2015 **REVISED:** 10/28/2015 **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  
**PLOT AREA:** 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 06/11/15	CON % 06/16/15	CON % 06/16/15	CON % 06/16/15	CON % 06/16/15	CON % 06/16/15
1A»	ARMEZON 2.8SC	0.016	LAA	12	85	0	99	95	98	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	STATUS 56DG	0.175	LAA	12	98	0	99	99	99	99
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	ARMEZON 2.8SC	0.011	LAA	12	98	0	99	99	99	99
	B»STATUS 56DG	0.088	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	ARMEZON 2.8SC	0.014	LAA	12	98	0	99	99	99	95
	B»STATUS 56DG	0.114	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	ARMEZON 2.8SC	0.016	LAA	12	99	0	99	99	99	99
	B»STATUS 56DG	0.131	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	CALLISTO 4SC	0.094	LAA	12	86	0	93	88	99	99
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	DIFLEXX 4L	0.25	LAA	12	89	0	0	99	99	83
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	DIFLEXX 4L	0.375	LAA	12	98	0	0	99	99	95
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	DIFLEXX 4L	0.50	LAA	12	98	8	0	99	99	98
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	LAUDIS FLEXX 1	0.41	LAA	12	98	0	96	99	99	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	LAUDIS FLEXX 1	0.51	LAA	12	99	3	97	99	99	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			3.31	1.41	1.85	4.16	0.564	3.71
		STANDARD DEVIATION			1.59	0.682	0.89	2.00	0.272	1.79

**TITLE:** Armezon and Status Combinations for Weed Control Systems in RR/LL Corn. AS-400  
**CREATED:** 04/18/2015 **REVISED:** 10/28/2015 **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  
**PLOT AREA:** 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/16/15	CON % 06/16/15	CON % 06/23/15	CON % 06/23/15	CON % 06/23/15	CON % 06/23/15
1A»	ARMEZON 2.8SC	0.016	LAA	12	77	94	0	96	95	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	STATUS 56DG	0.175	LAA	12	97	99	0	92	99	99
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	ARMEZON 2.8SC	0.011	LAA	12	97	98	0	99	99	99
	B»STATUS 56DG	0.088	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	ARMEZON 2.8SC	0.014	LAA	12	97	98	0	99	99	99
	B»STATUS 56DG	0.114	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	ARMEZON 2.8SC	0.016	LAA	12	98	98	0	99	99	99
	B»STATUS 56DG	0.131	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	CALLISTO 4SC	0.094	LAA	12	93	96	0	87	91	99
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»	DIFLEXX 4L	0.25	LAA	12	96	97	0	0	99	99
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»	DIFLEXX 4L	0.375	LAA	12	97	99	0	0	99	99
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	DIFLEXX 4L	0.50	LAA	12	96	98	0	0	99	99
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	LAUDIS FLEXX 1	0.41	LAA	12	97	99	0	91	99	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	LAUDIS FLEXX 1	0.51	LAA	12	98	99	0	95	99	99
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				3.62	3.86	0.00	5.00	4.62	0.00
	STANDARD DEVIATION				1.75	1.86	0.00	2.41	2.23	0.00

**TITLE:** Armezon and Status Combinations for Weed Control Systems in RR/LL Corn. AS-400  
**CREATED:** 04/18/2015 **REVISED:** 10/28/2015 **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  
**PLOT AREA:** 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	PHBPU	XANST
		RATE	UNIT	TM	CON % 06/23/15	CON % 06/23/15	CON % 06/23/15
1A»	ARMEZON 2.8SC	0.016	LAA	12	99	65	78
B»	MISO	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
2A»	STATUS 56DG	0.175	LAA	12	99	94	97
B»	ACTIVATOR 90	0.25	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
3A»	ARMEZON 2.8SC	0.011	LAA	12	99	96	98
B»	STATUS 56DG	0.088	LAA	12			
C»	COC	1.00	PMV	12			
D»	LIQUID AMS	2.50	PMV	12			
4A»	ARMEZON 2.8SC	0.014	LAA	12	91	96	96
B»	STATUS 56DG	0.114	LAA	12			
C»	COC	1.00	PMV	12			
D»	LIQUID AMS	2.50	PMV	12			
5A»	ARMEZON 2.8SC	0.016	LAA	12	99	97	97
B»	STATUS 56DG	0.131	LAA	12			
C»	COC	1.00	PMV	12			
D»	LIQUID AMS	2.50	PMV	12			
6A	CALLISTO 4SC	0.094	LAA	12	99	85	93
B»	COC	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
7A»	DIFLEXX 4L	0.25	LAA	12	85	92	93
B»	COC	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
8A»	DIFLEXX 4L	0.375	LAA	12	92	95	97
B»	COC	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
9A	CHECK	0.00	NA	0	0	0	0
10A»	DIFLEXX 4L	0.50	LAA	12	93	96	98
B»	COC	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
11A»	LAUDIS FLEXX 1	0.41	LAA	12	98	95	96
B»	MISO	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
12A»	LAUDIS FLEXX 1	0.51	LAA	12	99	96	97
B»	MISO	1.00	PMV	12			
C»	LIQUID AMS	2.50	PMV	12			
LSD (0.05)					5.00	7.72	7.34
STANDARD DEVIATION					2.39	3.72	3.54

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
 12 = --- / POST 06/11/2015(1)

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 %	06/11/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/11/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/11/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Armezon and Status Combinations for Weed Control Systems in RR/LL Corn. AS-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
005	ABUTH	CON %	06/11/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/11/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/11/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/16/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/16/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/16/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/16/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/16/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/16/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/16/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/23/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/23/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/23/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/23/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/23/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	06/23/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	06/23/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = GH G10 D98-3122