

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 20 X 60 FEET
PLOT AREA: 1200 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/19/12	05/22/12	07/02/12	AME
AIR TEMPERATURE	73	76	77	F
% REL.HUMIDITY	30	38	69	
WIND DIRECTION	SOUTH	NORTH	---	
WIND SPEED	10.0	5.0	0.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	YES	
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
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY 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			
*** PEST ***				
VELVETLEAF		---/12 1.00/2.00		IN
WATERHEMP, COMMO		---/19 1.00/3.00		IN
LAMBSQUARTERS, C		---/19 1.00/3.00		IN
MORNINGGLORY, TA		---/12 1.00/2.00		IN
FOXTAIL, GIANT		---/14 1.00/5.00		IN
CORN, DENT 84U58 3122 04/19/2012		---/14 10.0/10.0	---/55 90.0/90.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
15 = ----- / PO.DIRECTED

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
55 = MIDDLE OF TASSEL EMERGENCE: MIDDLE OF TASSEL BEGINS TO SEPARATE

TITLE: Syngenta Integrated Crop Solutions in RR/LL Corn. AS-100
CREATED: 04/07/2012 **REVISED:** 11/29/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 1200.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/15/12	SETFA CON % 05/15/12	CHEAL CON % 05/15/12	AMATA CON % 05/15/12	ABUTH CON % 05/15/12	PHBPU CON % 05/15/12
1A»84U58 3122	0.00	NA	0	0	98	99	99	99	97
B»LEXAR EZ 3.7SC	2.08	LAA	9						
C»HALEX GT 4.38L	1.97	LAA	11						
D»QUILT EXCEL 2.	0.103	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
F»QUILT EXCEL 2.	0.18	LAA	15						
G»BESIEGE 1.25L	0.059	LAA	15						
2A»84U58 3122	0.00	NA	0	0	0	0	0	0	0
B»HALEX GT 4.38L	1.97	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
D»QUILT EXCEL 2.	0.18	LAA	15						
E»BESIEGE 1.25L	0.059	LAA	15						
3A»84U58 3000GT	0.00	NA	0	0	79	96	91	81	85
B ATRAZINE DF	1.00	LAA	9						
C»TOUCHDN TOTAL	1.04	LAA	11						
D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)			0.00	5.00	4.00	12.84	2.27	4.00
	STANDARD DEVIATION			0.00	1.82	1.44	4.63	0.817	1.45

TITLE: Syngenta Integrated Crop Solutions in RR/LL Corn. AS-100
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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 1200.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/31/12	SETFA CON % 05/31/12	CHEAL CON % 05/31/12	AMATA CON % 05/31/12	ABUTH CON % 05/31/12	PHBPU CON % 05/31/12
1A»84U58 3122	0.00	NA	0	0	99	99	99	99	96
B»LEXAR EZ 3.7SC	2.08	LAA	9						
C»HALEX GT 4.38L	1.97	LAA	11						
D»QUILT EXCEL 2.	0.103	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
F»QUILT EXCEL 2.	0.18	LAA	15						
G»BESIEGE 1.25L	0.059	LAA	15						
2A»84U58 3122	0.00	NA	0	0	99	81	98	99	80
B»HALEX GT 4.38L	1.97	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
D»QUILT EXCEL 2.	0.18	LAA	15						
E»BESIEGE 1.25L	0.059	LAA	15						
3A»84U58 3000GT	0.00	NA	0	0	98	99	98	96	94
B ATRAZINE DF	1.00	LAA	9						
C»TOUCHDN TOTAL	1.04	LAA	11						
D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)			0.00	1.51	8.58	3.78	1.51	7.00
	STANDARD DEVIATION			0.00	0.544	3.09	1.36	0.544	2.51

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 1200.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT TM	ZEAMD CON % 06/20/12	SETFA CON % 06/20/12	CHEAL CON % 06/20/12	AMATA CON % 06/20/12	ABUTH CON % 06/20/12	PHBPU CON % 06/20/12
1A»84U58 3122	0.00 NA 0	0	99	99	99	99	95
B»LEXAR EZ 3.7SC	2.08 LAA 9						
C»HALEX GT 4.38L	1.97 LAA 11						
D»QUILT EXCEL 2.	0.103 LAA 11						
E»LIQUID AMS	2.50 PMV 11						
F»QUILT EXCEL 2.	0.18 LAA 15						
G»BESIEGE 1.25L	0.059 LAA 15						
2A»84U58 3122	0.00 NA 0	0	93	85	99	99	76
B»HALEX GT 4.38L	1.97 LAA 11						
C»LIQUID AMS	2.50 PMV 11						
D»QUILT EXCEL 2.	0.18 LAA 15						
E»BESIEGE 1.25L	0.059 LAA 15						
3A»84U58 3000GT	0.00 NA 0	0	94	99	99	96	75
B ATRAZINE DF	1.00 LAA 9						
C»TOUCHDN TOTAL	1.04 LAA 11						
D»LIQUID AMS	2.50 PMV 11						
	LSD (0.05)	0.00	7.40	6.54	0.00	3.00	9.07
	STANDARD DEVIATION	0.00	2.67	2.36	0.00	1.09	3.27

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 1200.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	YIELD
				BU/A 10/16/12
1A»84U58 3122	0.00	NA	0	93.1
B»LEXAR EZ 3.7SC	2.08	LAA	9	
C»HALEX GT 4.38L	1.97	LAA	11	
D»QUILT EXCEL 2.	0.103	LAA	11	
E»LIQUID AMS	2.50	PMV	11	
F»QUILT EXCEL 2.	0.18	LAA	15	
G»BESIEGE 1.25L	0.059	LAA	15	
2A»84U58 3122	0.00	NA	0	77.5
B»HALEX GT 4.38L	1.97	LAA	11	
C»LIQUID AMS	2.50	PMV	11	
D»QUILT EXCEL 2.	0.18	LAA	15	
E»BESIEGE 1.25L	0.059	LAA	15	
3A»84U58 3000GT	0.00	NA	0	72.8
B ATRAZINE DF	1.00	LAA	9	
C»TOUCHDN TOTAL	1.04	LAA	11	
D»LIQUID AMS	2.50	PMV	11	
LSD (0.05)				43.73
STANDARD DEVIATION				15.75

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/19/2012(1)
 11 = ----- / EPOST 05/22/2012(2)
 15 = ----- / PO.DIRECTED 07/02/2012(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 %	05/15/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/15/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/15/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/15/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/15/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/15/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	05/31/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	05/31/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	05/31/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	05/31/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	05/31/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	05/31/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/20/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/20/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/20/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	06/20/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	06/20/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/20/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/16/2012	01	P	ZEAMD		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = 84U58 3122