

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 20 X 90 FEET
 PLOT AREA: 1800 FEET

DESIGN: RCB
 REPS: 1

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	11	12	13	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/15/12	06/07/12	06/10/12	06/26/12	07/20/12	AME
AIR TEMPERATURE	85	79	74	74	72	F
% REL.HUMIDITY	24	20	58	40	68	
WIND DIRECTION	WEST	NORTH	SOUTH	SOUTHEAST	NORTHEAST	
WIND SPEED	15.0	4.0	6.0	5.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	CLEAR	CLOUDY	
DEW	---	NO	NO	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/DRY	MOIST/MOI	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SCREEN SIZE						
SCREEN SZ DESC	NA	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN		---/13	---/14	---/18	---/67	
NK S28-K1		3.00/5.00	4.00/6.00	12.0/15.0	/	IN
05/14/2012						
*** PEST ***						
VELVETLEAF		---/14	---/15	---/14		
		1.00/3.00	1.00/4.00	2.00/3.00		IN
RAGWEED, GIANT		---/16	---/18	---/16		
		3.00/5.00	4.00/9.00	2.00/5.00		IN
LAMBSQUARTERS, C		---/18	---/19	---/18		
		1.00/2.00	1.00/3.00	1.50/3.00		IN
FOXTAIL, GIANT		---/15	---/16	---/16		
		3.00/6.00	2.00/6.00	3.00/7.00		IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH LEAF (6TH TRIFOLIATE LEAF) UNFOLDED, 7 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

67 = FLOWERING DECLINING

TITLE: Syngenta Integrated Crop Solutions in Glyph. Resis. Soybean. SW-1600W
CREATED: 04/22/2012 **REVISED:** 12/06/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 90.00 FT LONG
PLOT AREA: 1800.00 SFT

REPS: 01

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMBTR	ABUTH	CHEAL	GLXMA
		RATE	UNIT	TM	PRE 06/10/12	PRE 06/10/12	PRE 06/10/12	PRE 06/10/12	PRE 06/10/12	10 DAT 06/19/12
1A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	0
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	ENDIGO ZC 2.76	0.075	LAA	15						
H»	COC	1.00	PMV	15						
2A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	ENDIGO ZC 2.76	0.075	LAA	15						
H»	BLACK JACK ZN	0.50	QMA	15						
I»	COC	1.00	PMV	15						
3A»	S34-N3 RR1 TRT	0.00	NA	0	0	50	30	40	40	0
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	ENDIGO ZC 2.76	0.075	LAA	15						
G»	COC	1.00	PMV	15						
4A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	ENDIGO ZC 2.76	0.075	LAA	15						
G»	BLACK JACK ZN	0.50	QMA	15						
H»	COC	1.00	PMV	15						
5A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
6A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	WARRIOR II 2.0	0.024	LAA	15						
H»	COC	1.00	PMV	15						
7A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
8A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	WARRIOR II 2.0	0.024	LAA	15						
G»	COC	1.00	PMV	15						

LSD (0.05)
STANDARD DEVIATION

TITLE: Syngenta Integrated Crop Solutions in Glyph. Resis. Soybean. SW-1600W
CREATED: 04/22/2012 **REVISED:** 12/06/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 90.00 FT LONG
PLOT AREA: 1800.00 SFT

REPS: 01

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMBTR	ABUTH	CHEAL	GLXMA	SETFA	
		RATE	UNIT	10 DAT 06/19/12	10 DAT 06/19/12	10 DAT 06/19/12	10 DAT 06/19/12	30 DAT 07/10/12	30 DAT 07/10/12	
1A»	S34-N3 RR1 UNT	0.00	NA	0	95	93	95	87	0	87
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	ENDIGO ZC 2.76	0.075	LAA	15						
H»	COC	1.00	PMV	15						
2A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	ENDIGO ZC 2.76	0.075	LAA	15						
H»	BLACK JACK ZN	0.50	QMA	15						
I»	COC	1.00	PMV	15						
3A»	S34-N3 RR1 TRT	0.00	NA	0	99	90	97	98	0	90
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	ENDIGO ZC 2.76	0.075	LAA	15						
G»	COC	1.00	PMV	15						
4A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	ENDIGO ZC 2.76	0.075	LAA	15						
G»	BLACK JACK ZN	0.50	QMA	15						
H»	COC	1.00	PMV	15						
5A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
6A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	C	C	C
B»	TOUCHDN TOTAL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	TOUCHDN TOTAL	0.78	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	WARRIOR II 2.0	0.024	LAA	15						
H»	COC	1.00	PMV	15						
7A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
8A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	C	C	C
B	BOUNDARY 6.5EC	1.22	LAA	9						
C»	FLEXSTAR GT 3.	1.23	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
E»	QUILT EXCEL 2.	0.18	LAA	15						
F»	WARRIOR II 2.0	0.024	LAA	15						
G»	COC	1.00	PMV	15						

LSD (0.05)
STANDARD DEVIATION

TITLE: Syngenta Integrated Crop Solutions in Glyph. Resis. Soybean. SW-1600W
CREATED: 04/22/2012 **REVISED:** 12/06/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 20.00 FT WIDE X 90.00 FT LONG
PLOT AREA: 1800.00 SFT

REPS: 01

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	ABUTH	CHEAL	GLXMA
		RATE	UNIT	TM	30 DAT 07/10/12	30 DAT 07/10/12	30 DAT 07/10/12	CON % 10/09/12
1A»	S34-N3 RR1 UNT	0.00	NA	0	95	93	93	56.0
B»	TOUCHDN TOTAL	0.78	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	TOUCHDN TOTAL	0.78	LAA	13				
E»	LIQUID AMS	2.50	PMV	13				
F»	QUILT EXCEL 2.	0.18	LAA	15				
G»	ENDIGO ZC 2.76	0.075	LAA	15				
H»	COC	1.00	PMV	15				
2A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	60.5
B»	TOUCHDN TOTAL	0.78	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	TOUCHDN TOTAL	0.78	LAA	13				
E»	LIQUID AMS	2.50	PMV	13				
F»	QUILT EXCEL 2.	0.18	LAA	15				
G»	ENDIGO ZC 2.76	0.075	LAA	15				
H»	BLACK JACK ZN	0.50	QMA	15				
I»	COC	1.00	PMV	15				
3A»	S34-N3 RR1 TRT	0.00	NA	0	80	80	95	57.5
B	BOUNDARY 6.5EC	1.22	LAA	9				
C»	FLEXSTAR GT 3.	1.23	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	QUILT EXCEL 2.	0.18	LAA	15				
F»	ENDIGO ZC 2.76	0.075	LAA	15				
G»	COC	1.00	PMV	15				
4A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	54.2
B	BOUNDARY 6.5EC	1.22	LAA	9				
C»	FLEXSTAR GT 3.	1.23	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	QUILT EXCEL 2.	0.18	LAA	15				
F»	ENDIGO ZC 2.76	0.075	LAA	15				
G»	BLACK JACK ZN	0.50	QMA	15				
H»	COC	1.00	PMV	15				
5A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	57.6
B»	TOUCHDN TOTAL	0.78	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	TOUCHDN TOTAL	0.78	LAA	13				
E»	LIQUID AMS	2.50	PMV	13				
6A»	S34-N3 RR1 UNT	0.00	NA	0	C	C	C	57.4
B»	TOUCHDN TOTAL	0.78	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	TOUCHDN TOTAL	0.78	LAA	13				
E»	LIQUID AMS	2.50	PMV	13				
F»	QUILT EXCEL 2.	0.18	LAA	15				
G»	WARRIOR II 2.0	0.024	LAA	15				
H»	COC	1.00	PMV	15				
7A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	53.6
B	BOUNDARY 6.5EC	1.22	LAA	9				
C»	FLEXSTAR GT 3.	1.23	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
8A»	S34-N3 RR1 TRT	0.00	NA	0	C	C	C	42.9
B	BOUNDARY 6.5EC	1.22	LAA	9				
C»	FLEXSTAR GT 3.	1.23	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	QUILT EXCEL 2.	0.18	LAA	15				
F»	WARRIOR II 2.0	0.024	LAA	15				
G»	COC	1.00	PMV	15				

LSD (0.05)
STANDARD DEVIATION

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/15/2012(1)
 11 = ----- / EPOST 06/07/2012(2)
 12 = ----- / POST 06/10/2012(3)
 13 = ----- / LPOST 06/26/2012(4)
 15 = ----- / PO.DIRECTED 07/20/2012(5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	PRE	06/10/2012	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	06/10/2012	02	P	SETFA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	06/10/2012	03	P	AMBTR	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	06/10/2012	04	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	PRE	06/10/2012	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	10 DAT	06/19/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	06/19/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	10 DAT	06/19/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	10 DAT	06/19/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/19/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	30 DAT	07/10/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	07/10/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	30 DAT	07/10/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	30 DAT	07/10/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	30 DAT	07/10/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	10/09/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = NK S28-K1

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 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