

SOIL INFORMATIONTRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/18/12	06/19/12	AME
AIR TEMPERATURE	77	80	F
% REL.HUMIDITY	26	67	
WIND DIRECTION	SOUTHEAST	SOUTHWEST	
WIND SPEED	4.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
SOYBEAN		---/16	
BECK 306LL		10.0/10.0	IN
05/17/2012			
*** PEST ***			
WATERHEMP, COMMO		---/19	
		1.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glufos. Tol. Soybean Systems for Control of Gylph.-Resis. WH. DOCO
CREATED: 04/29/2012 **REVISED:** 09/07/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/06/12	06/06/12	06/21/12	06/21/12	06/30/12	06/30/12
1A»	ENVIVE 41.3SG	0.09	LAA 0	1	96	3	68	2	92
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY 50SG	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E CINCH	0.96	LAA 12						
	F SYNCHRONY XP	0.0067	LAA 12						
	G»LIBERTY 2.34L	0.40	LAA 12						
	H»N-PAK AMS	2.50	PMV 12						
2A»	ENVIVE 41.3SG	0.09	LAA 0	1	98	3	62	1	96
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY 50SG	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E CINCH	0.96	LAA 12						
	F CLASSIC 25WG	0.005	LAA 12						
	G»LIBERTY 2.34L	0.40	LAA 12						
	H»N-PAK AMS	2.50	PMV 12						
3A»	ENVIVE 41.3SG	0.09	LAA 0	1	99	3	85	2	99
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY 50SG	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E CINCH	0.96	LAA 12						
	F CLASSIC 25WG	0.0078	LAA 12						
	G»LIBERTY 2.34L	0.40	LAA 12						
	H»N-PAK AMS	2.50	PMV 12						
4A»	ENVIVE 41.3SG	0.09	LAA 0	2	98	3	78	1	97
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY 50SG	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E CINCH	0.96	LAA 12						
	F»LIBERTY 2.34L	0.40	LAA 12						
	G»N-PAK AMS	2.50	PMV 12						
5A»	ENVIVE 41.3SG	0.09	LAA 0	1	98	1	77	0	97
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY 50SG	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E»LIBERTY 2.34L	0.40	LAA 12						
	F»N-PAK AMS	2.50	PMV 12						
6A	CANOPY 75WG	0.188	LAA 9	1	92	2	67	2	89
	B CINCH	0.96	LAA 12						
	C SYNCHRONY XP	0.0067	LAA 12						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E»N-PAK AMS	2.50	PMV 12						
7A	CANOPY 75WG	0.188	LAA 9	0	97	3	63	1	93
	B CINCH	0.96	LAA 12						
	C CLASSIC 25WG	0.005	LAA 12						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E»N-PAK AMS	2.50	PMV 12						
8A	CANOPY 75WG	0.188	LAA 9	1	93	2	63	1	92
	B CINCH	0.96	LAA 12						
	C CLASSIC 25WG	0.0078	LAA 12						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E»N-PAK AMS	2.50	PMV 12						
9A	CANOPY 75WG	0.188	LAA 9	0	92	18	84	12	94
	B CINCH	0.96	LAA 12						
	C»LIBERTY 2.34L	0.40	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						

TITLE: Glufos. Tol. Soybean Systems for Control of Gylph.-Resis. WH. DOCO

TRT	TREATMENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/06/12	06/06/12	06/21/12	06/21/12	06/30/12	06/30/12
10A	CANOPY 75WG	0.188	LAA 9	0	93	2	68	1	97
	B»LIBERTY 2.34L	0.40	LAA 12						
	C»N-PAK AMS	2.50	PMV 12						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A	TRICOR 75DF	0.188	LAA 9	1	93	11	82	9	95
	B»LIBERTY 2.34L	0.55	LAA 12						
	C ULTRA BLAZER	0.188	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						
13A	TRICOR 75DF	0.188	LAA 9	1	94	14	85	11	97
	B»LIBERTY 2.34L	0.55	LAA 12						
	C STORM 4SL	0.375	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						
14A	TRICOR 75DF	0.188	LAA 9	0	95	11	84	10	98
	B»LIBERTY 2.34L	0.55	LAA 12						
	C ULTRA BLAZER	0.375	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						
15A	TRICOR 75DF	0.188	LAA 9	0	91	14	85	12	96
	B»LIBERTY 2.34L	0.55	LAA 12						
	C STORM 4SL	0.75	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						
16A	PREFIX 5.32SL	1.66	LAA 9	0	99	3	83	1	98
	B»LIBERTY 2.34L	0.55	LAA 12						
	C DUAL MAGNUM	0.96	LAA 12						
	D»N-PAK AMS	2.50	PMV 12						
LSD (0.05)				1.61	5.69	1.90	11.84	1.06	6.76
STANDARD DEVIATION				0.788	2.79	0.932	5.80	0.521	3.31

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PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %
				07/06/12	07/06/12	07/13/12	07/13/12
1A»	ENVIVE 41.3SG	0.09	LAA 0	4	93	0	92
	B CLASSIC 25WG	0.02	LAA 9				
	C»HARMONY 50SG	0.006	LAA 9				
	D VALOR 51WG	0.064	LAA 9				
	E CINCH	0.96	LAA 12				
	F SYNCHRONY XP	0.0067	LAA 12				
	G»LIBERTY 2.34L	0.40	LAA 12				
	H»N-PAK AMS	2.50	PMV 12				
2A»	ENVIVE 41.3SG	0.09	LAA 0	0	99	0	96
	B CLASSIC 25WG	0.02	LAA 9				
	C»HARMONY 50SG	0.006	LAA 9				
	D VALOR 51WG	0.064	LAA 9				
	E CINCH	0.96	LAA 12				
	F CLASSIC 25WG	0.005	LAA 12				
	G»LIBERTY 2.34L	0.40	LAA 12				
	H»N-PAK AMS	2.50	PMV 12				
3A»	ENVIVE 41.3SG	0.09	LAA 0	1	99	0	99
	B CLASSIC 25WG	0.02	LAA 9				
	C»HARMONY 50SG	0.006	LAA 9				
	D VALOR 51WG	0.064	LAA 9				
	E CINCH	0.96	LAA 12				
	F CLASSIC 25WG	0.0078	LAA 12				
	G»LIBERTY 2.34L	0.40	LAA 12				
	H»N-PAK AMS	2.50	PMV 12				
4A»	ENVIVE 41.3SG	0.09	LAA 0	1	99	0	97
	B CLASSIC 25WG	0.02	LAA 9				
	C»HARMONY 50SG	0.006	LAA 9				
	D VALOR 51WG	0.064	LAA 9				
	E CINCH	0.96	LAA 12				
	F»LIBERTY 2.34L	0.40	LAA 12				
	G»N-PAK AMS	2.50	PMV 12				
5A»	ENVIVE 41.3SG	0.09	LAA 0	0	99	0	97
	B CLASSIC 25WG	0.02	LAA 9				
	C»HARMONY 50SG	0.006	LAA 9				
	D VALOR 51WG	0.064	LAA 9				
	E»LIBERTY 2.34L	0.40	LAA 12				
	F»N-PAK AMS	2.50	PMV 12				
6A	CANOPY 75WG	0.188	LAA 9	6	91	0	87
	B CINCH	0.96	LAA 12				
	C SYNCHRONY XP	0.0067	LAA 12				
	D»LIBERTY 2.34L	0.40	LAA 12				
	E»N-PAK AMS	2.50	PMV 12				
7A	CANOPY 75WG	0.188	LAA 9	1	96	0	93
	B CINCH	0.96	LAA 12				
	C CLASSIC 25WG	0.005	LAA 12				
	D»LIBERTY 2.34L	0.40	LAA 12				
	E»N-PAK AMS	2.50	PMV 12				
8A	CANOPY 75WG	0.188	LAA 9	4	94	0	92
	B CINCH	0.96	LAA 12				
	C CLASSIC 25WG	0.0078	LAA 12				
	D»LIBERTY 2.34L	0.40	LAA 12				
	E»N-PAK AMS	2.50	PMV 12				
9A	CANOPY 75WG	0.188	LAA 9	5	95	0	94
	B CINCH	0.96	LAA 12				
	C»LIBERTY 2.34L	0.40	LAA 12				
	D»N-PAK AMS	2.50	PMV 12				

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/06/12	AMATA CON % 07/06/12	GLXMA CON % 07/13/12	AMATA CON % 07/13/12
10A CANOPY 75WG	0.188	LAA	9	0	99	0	97
B»LIBERTY 2.34L	0.40	LAA	12				
C»N-PAK AMS	2.50	PMV	12				
11A CHECK	0.00	NA	0	0	0	0	0
12A»TRICOR 75DF	0.188	LAA	9	3	98	0	95
B»LIBERTY 2.34L	0.55	LAA	12				
C ULTRA BLAZER	0.188	LAA	12				
D»N-PAK AMS	2.50	PMV	12				
13A»TRICOR 75DF	0.188	LAA	9	4	98	0	97
B»LIBERTY 2.34L	0.55	LAA	12				
C STORM 4SL	0.375	LAA	12				
D»N-PAK AMS	2.50	PMV	12				
14A»TRICOR 75DF	0.188	LAA	9	3	99	0	98
B»LIBERTY 2.34L	0.55	LAA	12				
C ULTRA BLAZER	0.375	LAA	12				
D»N-PAK AMS	2.50	PMV	12				
15A»TRICOR 75DF	0.188	LAA	9	3	98	0	96
B»LIBERTY 2.34L	0.55	LAA	12				
C STORM 4SL	0.75	LAA	12				
D»N-PAK AMS	2.50	PMV	12				
16A»PREFIX 5.32SL	1.66	LAA	9	1	99	0	97
B»LIBERTY 2.34L	0.55	LAA	12				
C DUAL MAGNUM	0.96	LAA	12				
D»N-PAK AMS	2.50	PMV	12				
LSD (0.05)				2.88	5.93	0.00	6.30
STANDARD DEVIATION				1.41	2.90	0.00	3.09

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/18/2012(1)

12 = ----- / POST 06/19/2012(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/21/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/21/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/30/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/30/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/13/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/13/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = BECK 306LL