

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: NA
 PH: 6.6
 %OM: 3.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/08/17	07/17/17	AME
TIME - BEGIN	09:30	09:30	24H
TIME - END	10:00	09:50	24H
AIR TEMPERATURE	72	88	F
% REL.HUMIDITY	37	65	
WIND DIRECTION	NORTH	WEST	
WIND SPEED	6.0	4.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	
DEW	NO	TO BE SEL	
SOIL MOISTURE	DRY/ DRY	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	70/4.00	86/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	2.500	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	TO BE SEL	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

09 = --- / PREEMERGENCE
 11 = --- / EPOST

TRIAL # US 264/17/01 003 01 : USDUPLL CLEM
DATA MEAN

TITLE: DuPont Weed Resistance Management Programs in LL Soybean. Clem
 CREATED: 05/05/2017 REVISED: 03/25/2018 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	TREATMENT	DOSAGE			GLXMA	GLXMA	ABUTH	GLXMA	AMATA	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/29/17	06/29/17	06/29/17	07/10/17	07/10/17	07/10/17
1A	TRIVENCE 61.3W	6.00	OMA	0	0	98	98	0	98	99
B	CLASSIC 25WG	0.0144	LAA	9						
C	METRIBUZIN 75D	0.168	LAA	9						
D	VALOR 51WG	0.048	LAA	9						
E	LIBERTY 2.34L	0.53	LAA	11						
F	CINCH	0.96	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
2A	TRIVENCE 61.3W	6.00	OMA	0	0	98	98	0	98	99
B	CLASSIC 25WG	0.0144	LAA	9						
C	METRIBUZIN 75D	0.168	LAA	9						
D	VALOR 51WG	0.048	LAA	9						
E	ZIDUA 85WG	0.08	LAA	9						
F	LIBERTY 2.34L	0.53	LAA	11						
G	CINCH	0.96	LAA	11						
H	LIQUID AMS	2.50	PMV	11						
3A	CANOPY 75WG	0.188	LAA	9	0	98	98	0	97	99
B	LIBERTY 2.34L	0.53	LAA	11						
C	CINCH	0.96	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	CANOPY 75WG	0.188	LAA	9	0	99	99	0	98	99
B	CINCH	0.96	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
5A	CANOPY 75WG	0.105	LAA	9	0	97	96	0	93	99
B	LIBERTY 2.34L	0.53	LAA	11						
C	CINCH	0.96	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
6A	CANOPY 75WG	0.105	LAA	9	0	97	98	0	97	99
B	CINCH	0.96	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
7A	CANOPY 75WG	0.105	LAA	9	0	99	99	0	98	99
B	BOUNDARY 6.5EC	1.22	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
8A	ENLITE 47.86WG	3.50	OMA	0	0	97	98	0	97	99
B	CLASSIC 25WG	0.0063	LAA	9						
C	HARMONY 50SG	0.019	LAA	9						
D	VALOR 51WG	0.079	LAA	9						
E	LIBERTY 2.34L	0.53	LAA	11						
F	CINCH	0.96	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
9A	ENLITE 47.86WG	3.50	OMA	0	0	99	99	0	98	99
B	CLASSIC 25WG	0.0063	LAA	9						
C	HARMONY 50SG	0.019	LAA	9						
D	VALOR 51WG	0.079	LAA	9						
E	ZIDUA 85WG	0.08	LAA	9						
F	LIBERTY 2.34L	0.53	LAA	11						
G	CINCH	0.96	LAA	11						
H	LIQUID AMS	2.50	PMV	11						
10A	ENLITE 47.86WG	3.50	OMA	0	0	99	99	0	99	99
B	CLASSIC 25WG	0.0063	LAA	9						
C	HARMONY 50SG	0.019	LAA	9						
D	VALOR 51WG	0.079	LAA	9						
E	METRIBUZIN 75D	0.28	LAA	9						
F	LIBERTY 2.34L	0.53	LAA	11						
G	CINCH	0.96	LAA	11						

TRIAL # US 264/17/01 003 01 : USDUPLL CLEM
DATA MEAN

TITLE: DuPont Weed Resistance Management Programs in LL Soybean. Clem

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	ABUTH	GLXMA	AMATA	GLXMA
		RATE	UNIT	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 07/10/17	CON % 07/10/17	CON % 07/10/17
	H»LIQUID AMS	2.50	PMV 11						
11A»	ENVIVE 41.3SG	2.50	OMA 0	0	99	99	0	98	99
	B CLASSIC 25WG	0.014	LAA 9						
	C»HARMONY 50SG	0.0044	LAA 9						
	D VALOR 51WG	0.078	LAA 9						
	E»METRIBUZIN 75D	0.188	LAA 9						
	F»LIBERTY 2.34L	0.53	LAA 11						
	G CINCH	0.96	LAA 11						
	H»LIQUID AMS	2.50	PMV 11						
12A»	VALOR XLT 40WG	2.50	OMA 0	0	98	98	0	96	99
	B VALOR 51WG	0.047	LAA 9						
	C CLASSIC 25WG	0.016	LAA 9						
	D»LIBERTY 2.34L	0.53	LAA 11						
	E CINCH	0.96	LAA 11						
	F»LIQUID AMS	2.50	PMV 11						
13A	BOUNDARY 6.5EC	1.22	LAA 9	0	98	98	0	98	98
	B»LIBERTY 2.34L	0.53	LAA 11						
	C CINCH	0.96	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
14A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	0.0	2.0	1.7	0.0	2.0	0.5
			STANDARD DEVIATION	0.0	0.9	0.8	0.0	1.0	0.3

TRIAL # US 264/17/01 003 01 : USDUPL L CLEM
DATA MEAN

TITLE: DuPont Weed Resistance Management Programs in LL Soybean. Clem
CREATED: 05/05/2017 **REVISED:** 03/25/2018 **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	TREATMENT	DOSAGE			GLXMA	AMATA	ABUTH	GLXMA	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					07/21/17	07/21/17	07/21/17	07/28/17	07/28/17	07/28/17
1A	TRIVENCE 61.3W	6.00	OMA	0	0	99	99	0	98	98
B	CLASSIC 25WG	0.0144	LAA	9						
C	METRIBUZIN 75D	0.168	LAA	9						
D	VALOR 51WG	0.048	LAA	9						
E	LIBERTY 2.34L	0.53	LAA	11						
F	CINCH	0.96	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
2A	TRIVENCE 61.3W	6.00	OMA	0	0	99	99	0	99	98
B	CLASSIC 25WG	0.0144	LAA	9						
C	METRIBUZIN 75D	0.168	LAA	9						
D	VALOR 51WG	0.048	LAA	9						
E	ZIDUA 85WG	0.08	LAA	9						
F	LIBERTY 2.34L	0.53	LAA	11						
G	CINCH	0.96	LAA	11						
H	LIQUID AMS	2.50	PMV	11						
3A	CANOPY 75WG	0.188	LAA	9	0	99	98	0	99	98
B	LIBERTY 2.34L	0.53	LAA	11						
C	CINCH	0.96	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	CANOPY 75WG	0.188	LAA	9	0	99	98	0	99	98
B	CINCH	0.96	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
5A	CANOPY 75WG	0.105	LAA	9	0	98	98	0	99	96
B	LIBERTY 2.34L	0.53	LAA	11						
C	CINCH	0.96	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
6A	CANOPY 75WG	0.105	LAA	9	0	99	98	0	99	96
B	CINCH	0.96	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
7A	CANOPY 75WG	0.105	LAA	9	0	99	99	0	99	96
B	BOUNDARY 6.5EC	1.22	LAA	9						
C	LIBERTY 2.34L	0.53	LAA	11						
D	CINCH	0.96	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
8A	ENLITE 47.86WG	3.50	OMA	0	0	99	99	0	99	99
B	CLASSIC 25WG	0.0063	LAA	9						
C	HARMONY 50SG	0.019	LAA	9						
D	VALOR 51WG	0.079	LAA	9						
E	LIBERTY 2.34L	0.53	LAA	11						
F	CINCH	0.96	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
9A	ENLITE 47.86WG	3.50	OMA	0	0	99	99	0	99	99
B	CLASSIC 25WG	0.0063	LAA	9						
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D	VALOR 51WG	0.079	LAA	9						
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F	LIBERTY 2.34L	0.53	LAA	11						
G	CINCH	0.96	LAA	11						
H	LIQUID AMS	2.50	PMV	11						
10A	ENLITE 47.86WG	3.50	OMA	0	0	99	99	0	99	99
B	CLASSIC 25WG	0.0063	LAA	9						
C	HARMONY 50SG	0.019	LAA	9						
D	VALOR 51WG	0.079	LAA	9						
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F	LIBERTY 2.34L	0.53	LAA	11						
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TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	AMATA	ABUTH	GLXMA	AMATA	ABUTH
		RATE	UNIT TM	CON % 07/21/17	CON % 07/21/17	CON % 07/21/17	CON % 07/28/17	CON % 07/28/17	CON % 07/28/17
	H»LIQUID AMS	2.50	PMV 11						
11A»	ENVIVE 41.3SG	2.50	OMA 0	0	99	99	0	99	99
	B CLASSIC 25WG	0.014	LAA 9						
	C»HARMONY 50SG	0.0044	LAA 9						
	D VALOR 51WG	0.078	LAA 9						
	E»METRIBUZIN 75D	0.188	LAA 9						
	F»LIBERTY 2.34L	0.53	LAA 11						
	G CINCH	0.96	LAA 11						
	H»LIQUID AMS	2.50	PMV 11						
12A»	VALOR XLT 40WG	2.50	OMA 0	0	99	98	0	99	97
	B VALOR 51WG	0.047	LAA 9						
	C CLASSIC 25WG	0.016	LAA 9						
	D»LIBERTY 2.34L	0.53	LAA 11						
	E CINCH	0.96	LAA 11						
	F»LIQUID AMS	2.50	PMV 11						
13A	BOUNDARY 6.5EC	1.22	LAA 9	0	99	98	0	99	99
	B»LIBERTY 2.34L	0.53	LAA 11						
	C CINCH	0.96	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
14A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	0.0	0.6	0.7	0.0	0.5	3.2
			STANDARD DEVIATION	0.0	0.3	0.3	0.0	0.3	1.6

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DATA MEAN

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CREATED: 05/05/2017 **REVISED:** 03/25/2018 **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	TREATMENT	DOSAGE			GLXMA	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17
1A	TRIVENCE 61.3W	6.00	OMA	0	0	99	99
	B CLASSIC 25WG	0.0144	LAA	9			
	C>METRIBUZIN 75D	0.168	LAA	9			
	D VALOR 51WG	0.048	LAA	9			
	E>LIBERTY 2.34L	0.53	LAA	11			
	F CINCH	0.96	LAA	11			
	G>LIQUID AMS	2.50	PMV	11			
2A	TRIVENCE 61.3W	6.00	OMA	0	0	99	98
	B CLASSIC 25WG	0.0144	LAA	9			
	C>METRIBUZIN 75D	0.168	LAA	9			
	D VALOR 51WG	0.048	LAA	9			
	E>ZIDUA 85WG	0.08	LAA	9			
	F>LIBERTY 2.34L	0.53	LAA	11			
	G CINCH	0.96	LAA	11			
	H>LIQUID AMS	2.50	PMV	11			
3A	CANOPY 75WG	0.188	LAA	9	0	99	98
	B>LIBERTY 2.34L	0.53	LAA	11			
	C CINCH	0.96	LAA	11			
	D>LIQUID AMS	2.50	PMV	11			
4A	CANOPY 75WG	0.188	LAA	9	0	99	98
	B CINCH	0.96	LAA	9			
	C>LIBERTY 2.34L	0.53	LAA	11			
	D CINCH	0.96	LAA	11			
	E>LIQUID AMS	2.50	PMV	11			
5A	CANOPY 75WG	0.105	LAA	9	0	99	96
	B>LIBERTY 2.34L	0.53	LAA	11			
	C CINCH	0.96	LAA	11			
	D>LIQUID AMS	2.50	PMV	11			
6A	CANOPY 75WG	0.105	LAA	9	0	99	96
	B CINCH	0.96	LAA	9			
	C>LIBERTY 2.34L	0.53	LAA	11			
	D CINCH	0.96	LAA	11			
	E>LIQUID AMS	2.50	PMV	11			
7A	CANOPY 75WG	0.105	LAA	9	0	99	96
	B BOUNDARY 6.5EC	1.22	LAA	9			
	C>LIBERTY 2.34L	0.53	LAA	11			
	D CINCH	0.96	LAA	11			
	E>LIQUID AMS	2.50	PMV	11			
8A	ENLITE 47.86WG	3.50	OMA	0	0	99	99
	B CLASSIC 25WG	0.0063	LAA	9			
	C>HARMONY 50SG	0.019	LAA	9			
	D VALOR 51WG	0.079	LAA	9			
	E>LIBERTY 2.34L	0.53	LAA	11			
	F CINCH	0.96	LAA	11			
	G>LIQUID AMS	2.50	PMV	11			
9A	ENLITE 47.86WG	3.50	OMA	0	0	99	99
	B CLASSIC 25WG	0.0063	LAA	9			
	C>HARMONY 50SG	0.019	LAA	9			
	D VALOR 51WG	0.079	LAA	9			
	E>ZIDUA 85WG	0.08	LAA	9			
	F>LIBERTY 2.34L	0.53	LAA	11			
	G CINCH	0.96	LAA	11			
	H>LIQUID AMS	2.50	PMV	11			
10A	ENLITE 47.86WG	3.50	OMA	0	0	99	99
	B CLASSIC 25WG	0.0063	LAA	9			
	C>HARMONY 50SG	0.019	LAA	9			
	D VALOR 51WG	0.079	LAA	9			
	E>METRIBUZIN 75D	0.28	LAA	9			
	F>LIBERTY 2.34L	0.53	LAA	11			
	G CINCH	0.96	LAA	11			

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TITLE: DuPont Weed Resistance Management Programs in LL Soybean. Clem

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	ABUTH
		RATE	UNIT		CON % 08/15/17	CON % 08/15/17	CON % 08/15/17
	H»LIQUID AMS	2.50	PMV	11			
11A»	ENVIVE 41.3SG	2.50	OMA	0	0	99	99
	B CLASSIC 25WG	0.014	LAA	9			
	C»HARMONY 50SG	0.0044	LAA	9			
	D VALOR 51WG	0.078	LAA	9			
	E»METRIBUZIN 75D	0.188	LAA	9			
	F»LIBERTY 2.34L	0.53	LAA	11			
	G CINCH	0.96	LAA	11			
	H»LIQUID AMS	2.50	PMV	11			
12A»	VALOR XLT 40WG	2.50	OMA	0	0	96	96
	B VALOR 51WG	0.047	LAA	9			
	C CLASSIC 25WG	0.016	LAA	9			
	D»LIBERTY 2.34L	0.53	LAA	11			
	E CINCH	0.96	LAA	11			
	F»LIQUID AMS	2.50	PMV	11			
13A	BOUNDARY 6.5EC	1.22	LAA	9	0	99	98
	B»LIBERTY 2.34L	0.53	LAA	11			
	C CINCH	0.96	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
14A	CHECK	0.00	NA	0	0	0	0
		LSD (0.05)			0.0	2.3	3.3
		STANDARD DEVIATION			0.0	1.1	1.6

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/08/2017(1)
11 = --- / EPOST 07/17/2017(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/29/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/29/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/29/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/10/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/10/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/10/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/21/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/21/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/21/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	CON %	07/28/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/28/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/28/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	08/15/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	CON %	08/15/2017	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	CON %	08/15/2017	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = CZ3737LL