

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/06/13	06/28/13	07/27/13	AME
AIR TEMPERATURE	70	83	65	F
% REL.HUMIDITY	50	47	74	
WIND DIRECTION	NORTHEAST	NORTHWEST	NORTHWEST	
WIND SPEED	3.0	8.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
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
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, SOYBEAN		---/14	---/65	
N-74R		7.00/7.00	28.0/30.0	IN
(PLANTED) 06/05/2013		23 DAP	52 DAP	
PEST *				
P, VELVETLEAF		---/13		
		1.00/4.00		IN
P, WATERHEMP, COMMO		---/19		
		2.00/5.00		IN
P, LAMBSQUARTERS, C		---/19		
		1.00/3.00		IN
P, MORNINGGLORY, TA		---/16		
		1.00/3.00		IN
P, FOXTAIL, GIANT		---/15		
		3.00/6.00		IN

* TIMING CODES

09 = ----- / PREEMERGENCE

*** TIMING CODES**

12 = ----- / POST
15 = ----- / PO.DIRECTED

*** STAGE CODE**

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
65 = 50% OF FLOWERS OPEN (DETERMINATE); MAIN FLOWERING PERIOD (INDETERM.)

TITLE: DuPont Products for Weed Control and Yield in RR Soybean. AS-100
CREATED: 05/03/2013 **REVISED:** 11/04/2013 **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	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/28/13	06/28/13	06/28/13	06/28/13	06/28/13	06/28/13
1A	CANOPY 75WG	0.105	LAA 9	0	62	57	65	50	57
	B CINCH	1.19	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
	E»APROACH 2.08L	0.098	LAA 15						
	F ASANA XL .66	0.041	LAA 15						
2A	CANOPY 75WG	0.105	LAA 9	0	57	64	73	50	62
	B CINCH	1.19	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
3A»	ENVIVE 41.3SG	3.50	OMA 0	0	37	88	90	72	68
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY GT 50W	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
	G»APROACH 2.08L	0.098	LAA 15						
	H ASANA XL .66	0.041	LAA 15						
4A»	ENVIVE 41.3SG	3.50	OMA 0	0	45	91	93	75	72
	B CLASSIC 25WG	0.02	LAA 9						
	C»HARMONY GT 50W	0.006	LAA 9						
	D VALOR 51WG	0.064	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
5A»	ENLITE 47.86WG	2.80	OMA 0	0	55	89	92	60	67
	B CLASSIC 25WG	0.005	LAA 9						
	C»HARMONY GT 50W	0.0155	LAA 9						
	D VALOR 51WG	0.0635	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F SYNCHRONY XP	0.0044	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
	H»APROACH 2.08L	0.098	LAA 15						
	I ASANA XL .66	0.041	LAA 15						
6A»	ENLITE 47.86WG	2.80	OMA 0	0	67	84	89	63	63
	B CLASSIC 25WG	0.005	LAA 9						
	C»HARMONY GT 50W	0.0155	LAA 9						
	D VALOR 51WG	0.0635	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F SYNCHRONY XP	0.0044	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	18.47	17.81	16.50	11.14	16.24
STANDARD DEVIATION				0.00	8.29	8.00	7.41	5.00	7.29

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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	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/08/13	07/08/13	07/08/13	07/08/13
1A	CANOPY 75WG	0.105	LAA	9	0	99	99	99
B	CINCH	1.19	LAA	9				
C»	ABUNDIT EXTRA	0.75	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	APROACH 2.08L	0.098	LAA	15				
F	ASANA XL .66	0.041	LAA	15				
2A	CANOPY 75WG	0.105	LAA	9	0	99	99	99
B	CINCH	1.19	LAA	9				
C»	ABUNDIT EXTRA	0.75	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
3A»	ENVIVE 41.3SG	3.50	OMA	0	0	98	98	99
B	CLASSIC 25WG	0.02	LAA	9				
C»	HARMONY GT 50W	0.006	LAA	9				
D	VALOR 51WG	0.064	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
G»	APROACH 2.08L	0.098	LAA	15				
H	ASANA XL .66	0.041	LAA	15				
4A»	ENVIVE 41.3SG	3.50	OMA	0	0	98	99	99
B	CLASSIC 25WG	0.02	LAA	9				
C»	HARMONY GT 50W	0.006	LAA	9				
D	VALOR 51WG	0.064	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
5A»	ENLITE 47.86WG	2.80	OMA	0	4	96	99	99
B	CLASSIC 25WG	0.005	LAA	9				
C»	HARMONY GT 50W	0.0155	LAA	9				
D	VALOR 51WG	0.0635	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F	SYNCHRONY XP	0.0044	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
H»	APROACH 2.08L	0.098	LAA	15				
I	ASANA XL .66	0.041	LAA	15				
6A»	ENLITE 47.86WG	2.80	OMA	0	5	99	98	99
B	CLASSIC 25WG	0.005	LAA	9				
C»	HARMONY GT 50W	0.0155	LAA	9				
D	VALOR 51WG	0.0635	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F	SYNCHRONY XP	0.0044	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					2.07	2.81	1.84	0.00
STANDARD DEVIATION					0.931	1.26	0.826	0.00
								0.00
								0.00
								3.85
								1.73

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PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/30/13	07/30/13	07/30/13	07/30/13
1A	CANOPY 75WG	0.105	LAA	9	0	95	99	99
B	CINCH	1.19	LAA	9				
C»	ABUNDIT EXTRA	0.75	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	APROACH 2.08L	0.098	LAA	15				
F	ASANA XL .66	0.041	LAA	15				
2A	CANOPY 75WG	0.105	LAA	9	0	94	99	99
B	CINCH	1.19	LAA	9				
C»	ABUNDIT EXTRA	0.75	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
3A»	ENVIVE 41.3SG	3.50	OMA	0	0	88	99	99
B	CLASSIC 25WG	0.02	LAA	9				
C»	HARMONY GT 50W	0.006	LAA	9				
D	VALOR 51WG	0.064	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
G»	APROACH 2.08L	0.098	LAA	15				
H	ASANA XL .66	0.041	LAA	15				
4A»	ENVIVE 41.3SG	3.50	OMA	0	0	89	99	99
B	CLASSIC 25WG	0.02	LAA	9				
C»	HARMONY GT 50W	0.006	LAA	9				
D	VALOR 51WG	0.064	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
5A»	ENLITE 47.86WG	2.80	OMA	0	0	89	99	99
B	CLASSIC 25WG	0.005	LAA	9				
C»	HARMONY GT 50W	0.0155	LAA	9				
D	VALOR 51WG	0.0635	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F	SYNCHRONY XP	0.0044	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
H»	APROACH 2.08L	0.098	LAA	15				
I	ASANA XL .66	0.041	LAA	15				
6A»	ENLITE 47.86WG	2.80	OMA	0	0	93	99	99
B	CLASSIC 25WG	0.005	LAA	9				
C»	HARMONY GT 50W	0.0155	LAA	9				
D	VALOR 51WG	0.0635	LAA	9				
E»	ABUNDIT EXTRA	0.75	LAA	12				
F	SYNCHRONY XP	0.0044	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					0.00	6.19	0.00	0.00
STANDARD DEVIATION					0.00	2.78	0.00	0.00
							5.00	2.25

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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		YIELD BU/A 10/21/13
		RATE	UNIT TM	
1A	CANOPY 75WG	0.105	LAA 9	62.6
B	CINCH	1.19	LAA 9	
C»	ABUNDIT EXTRA	0.75	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
E»	APPROACH 2.08L	0.098	LAA 15	
F	ASANA XL .66	0.041	LAA 15	
2A	CANOPY 75WG	0.105	LAA 9	64.6
B	CINCH	1.19	LAA 9	
C»	ABUNDIT EXTRA	0.75	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
3A»	ENVIVE 41.3SG	3.50	OMA 0	63.0
B	CLASSIC 25WG	0.02	LAA 9	
C»	HARMONY GT 50W	0.006	LAA 9	
D	VALOR 51WG	0.064	LAA 9	
E»	ABUNDIT EXTRA	0.75	LAA 12	
F»	LIQUID AMS	2.50	PMV 12	
G»	APPROACH 2.08L	0.098	LAA 15	
H	ASANA XL .66	0.041	LAA 15	
4A»	ENVIVE 41.3SG	3.50	OMA 0	61.7
B	CLASSIC 25WG	0.02	LAA 9	
C»	HARMONY GT 50W	0.006	LAA 9	
D	VALOR 51WG	0.064	LAA 9	
E»	ABUNDIT EXTRA	0.75	LAA 12	
F»	LIQUID AMS	2.50	PMV 12	
5A»	ENLITE 47.86WG	2.80	OMA 0	64.6
B	CLASSIC 25WG	0.005	LAA 9	
C»	HARMONY GT 50W	0.0155	LAA 9	
D	VALOR 51WG	0.0635	LAA 9	
E»	ABUNDIT EXTRA	0.75	LAA 12	
F	SYNCHRONY XP	0.0044	LAA 12	
G»	LIQUID AMS	2.50	PMV 12	
H»	APPROACH 2.08L	0.098	LAA 15	
I	ASANA XL .66	0.041	LAA 15	
6A»	ENLITE 47.86WG	2.80	OMA 0	65.2
B	CLASSIC 25WG	0.005	LAA 9	
C»	HARMONY GT 50W	0.0155	LAA 9	
D	VALOR 51WG	0.0635	LAA 9	
E»	ABUNDIT EXTRA	0.75	LAA 12	
F	SYNCHRONY XP	0.0044	LAA 12	
G»	LIQUID AMS	2.50	PMV 12	
LSD (0.05)				7.67
STANDARD DEVIATION				3.44

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/06/2013(1)
 12 = ----- / POST 06/28/2013(2)
 15 = ----- / PO.DIRECTED 07/27/2013(3)

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 %	06/28/2013	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/28/2013	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/28/2013	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/28/2013	04	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/28/2013	05	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: DuPont Products for Weed Control and Yield in RR Soybean. AS-100

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
006	PHBPU	CON %	06/28/2013	06	P	PHBPU	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/08/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/08/2013	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/08/2013	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/08/2013	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/08/2013	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/08/2013	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/30/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/30/2013	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/30/2013	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/30/2013	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/30/2013	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/30/2013	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/21/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N-74R

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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

15 = 5 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED