

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/13/10	04/22/10	AME
AIR TEMPERATURE	79	70	F
% REL.HUMIDITY	47	55	
WIND DIRECTION	SOUTHWEST	SOUTH	
WIND SPEED	5.0	4.0	M/H
CLOUD COVER	CLEAR	HAZY SUN	
DEW	---	---	
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 ***			
CORN, DENT		---/00	
BURRUS 5R68		/	IN
04/22/2010			

* TIMING CODES

05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

TITLE: Preemergence Herbicide Systems for Weed Control in RR/LL Corn. 3105N
CREATED: 04/09/2010 **REVISED:** 11/12/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
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		ZEAMD	ZEAMD	SETFA	XANST	IPOHE	CHEAL
NUM	COMPONENT	RATE	UNIT TM	7 DAE	14 DAE	14 DAE	14 DAE	14 DAE	14 DAE
				05/06/10	05/14/10	05/14/10	05/14/10	05/14/10	05/14/10
1A»	FIERCE 76WG	0.14	LAA 5	0	0	97	96	96	99
B	ATRAZINE DF	1.00	LAA 5						
2A	LUMAX	2.46	LAA 9	0	0	99	92	98	99
3A»	LEXAR 3.7L	2.78	LAA 9	0	0	99	94	98	99
4A»	CORVUS 2.6SC	0.091	LAA 9	0	0	99	92	97	99
B	ATRAZINE DF	1.00	LAA 9						
5A»	VERDICT 5.57L	0.696	LAA 9	0	0	99	95	98	99
6A»	SHARPEN 2.85L	0.045	LAA 9	0	0	99	95	99	99
B»	GUARDS MAX 5L	2.50	LAA 9						
7A	CHECK	0.00	NA 0	0	0	0	0	0	0
8A»	PREQUEL 45WG	0.047	LAA 0	0	0	99	91	98	99
B	RESOLVE 25DF	0.016	LAA 9						
C»	ISOXAFLOTOLE 7	0.031	LAA 9						
D	CINCH ATZ	1.375	LAA 9						
LSD (0.05)				0.00	0.00	0.00	7.36	1.65	0.00
STANDARD DEVIATION				0.00	0.00	0.00	3.43	0.769	0.00

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PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	XANST	IPOHE	CHEAL	ZEAMD
NUM	COMPONENT	RATE	UNIT TM	28 DAE	28 DAE	28 DAE	28 DAE	28 DAE	56 DAE
				05/26/10	05/26/10	05/26/10	05/26/10	05/26/10	06/24/10
1A»	FIERCE 76WG	0.14	LAA 5	0	95	87	89	98	0
B	ATRAZINE DF	1.00	LAA 5						
2A	LUMAX	2.46	LAA 9	0	99	80	94	99	0
3A»	LEXAR 3.7L	2.78	LAA 9	0	99	85	97	99	0
4A»	CORVUS 2.6SC	0.091	LAA 9	0	95	81	93	99	0
B	ATRAZINE DF	1.00	LAA 9						
5A»	VERDICT 5.57L	0.696	LAA 9	0	99	83	96	99	0
6A»	SHARPEN 2.85L	0.045	LAA 9	0	99	82	96	99	0
B»	GUARDS MAX 5L	2.50	LAA 9						
7A	CHECK	0.00	NA 0	0	0	0	0	0	0
8A»	PREQUEL 45WG	0.047	LAA 0	0	99	77	84	99	0
B	RESOLVE 25DF	0.016	LAA 9						
C»	ISOXAFLUTOLE 7	0.031	LAA 9						
D	CINCH ATZ	1.375	LAA 9						
LSD (0.05)				0.00	2.50	7.67	6.65	0.715	0.00
STANDARD DEVIATION				0.00	1.17	3.58	3.10	0.333	0.00

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	SETFA 56 DAE 06/24/10	XANST 56 DAE 06/24/10	IPOHE 56 DAE 06/24/10	CHEAL 56 DAE 06/24/10	YIELD BU/A 09/09/10
1A»FIERCE 76WG B ATRAZINE DF	0.14 1.00	LAA LAA	5 5	77	50	67	93	79.2
2A LUMAX	2.46	LAA	9	97	60	63	99	147.4
3A»LEXAR 3.7L	2.78	LAA	9	96	60	63	99	137.9
4A»CORVUS 2.6SC B ATRAZINE DF	0.091 1.00	LAA LAA	9 9	68	57	62	99	145.7
5A»VERDICT 5.57L	0.696	LAA	9	83	43	72	91	148.9
6A»SHARPEN 2.85L B»GUARDS MAX 5L	0.045 2.50	LAA LAA	9 9	91	43	62	94	158.5
7A CHECK	0.00	NA	0	0	0	0	0	96.3
8A»PREQUEL 45WG B RESOLVE 25DF C»ISOXAFLUTOLE 7 D CINCH ATZ	0.047 0.016 0.031 1.375	LAA LAA LAA LAA	0 9 9 9	90	43	43	98	151.8
LSD (0.05)				6.62	31.86	18.37	5.77	33.57
STANDARD DEVIATION				3.09	14.85	8.56	2.69	15.65

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15DBP 04/13/2010(1)
09 = ----- / PREEMERGENCE 04/22/2010(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	7 DAE	05/06/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	14 DAE	05/14/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	14 DAE	05/14/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	14 DAE	05/14/2010	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE	14 DAE	05/14/2010	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	14 DAE	05/14/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	28 DAE	05/26/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	28 DAE	05/26/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	28 DAE	05/26/2010	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOHE	28 DAE	05/26/2010	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	28 DAE	05/26/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	56 DAE	06/24/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	56 DAE	06/24/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	56 DAE	06/24/2010	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	IPOHE	56 DAE	06/24/2010	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	56 DAE	06/24/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	YIELD	BU/A	09/09/2010	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = BURRUS 5R68