

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/03/05	AME
AIR TEMPERATURE	62	F
% REL.HUMIDITY	29	
WIND DIRECTION	WEST	
WIND SPEED	7.5	M/H
CLOUD COVER	PARTCLDY	
DEW	NA/UNKNOW	
SOIL MOISTURE	DRY/DRY	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	SPECIAL	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
VELVETLEAF	MED/01 /	IN
LAMBSQUARTERS, C	MED/01 /	IN
JIMSONWEED	MED/01 /	IN
MORNINGGLORY, IV	LOW/01 /	IN
FOXTAIL, GIANT	MED/01 /	IN
COCKLEBUR, COMMO	MED/01 /	IN
CORN, DENT BURRUS 484 S 05/03/2005	HGH/00 /	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

01 = BEGINNING OF IMIBIBITION

TITLE: Preemergence Herbicides for Weed Control in Corn.

CREATED: 04/23/2005 REVISED: 11/19/2005

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY: MAXWELL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		SETFA	DATST	ABUTH	IPOHE	CHEAL	ZEAMD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/31/05	05/31/05	05/31/05	05/31/05	05/31/05
1A»	RADIUS 4SC	0.50	LAA	9	70	98	99	90	99
B	ATRAZINE DF	1.50	LAA	9					0
2A»	LUMAX 3.9L	2.44	LAA	9	62	90	99	88	96
3A»	LEXAR 3.7L	2.32	LAA	9	65	99	99	83	96
4A»	LUMAX 3.9L	2.44	LAA	9	65	98	99	86	99
B	ATRAZINE DF	1.00	LAA	9					0
5A»	LEXAR 3.7L	2.32	LAA	9	62	99	99	83	96
B	PRINCEP 4L	1.00	LAA	9					0
6A	GUARDSMAN MAX	1.88	LAA	9	72	98	95	96	99
B	BALANCE PRO 4	0.047	LAA	9					0
7A	KEYSTONE 5.25	2.63	LAA	9	90	99	99	85	99
B	HORNET 68.5WG	0.128	LAA	9					0
8A	FULTIME 4SC	2.50	LAA	9	82	99	96	96	99
B	HORNET 68.5WG	0.128	LAA	9					0
9A	BICEP II MAG	2.89	LAA	9	78	95	99	85	99
10A	BICEP II MAG	2.89	LAA	9	73	98	99	90	98
B	BALANCE PRO 4	0.063	LAA	9					0
11A»	STALWART EXTRA	2.89	LAA	9	75	99	98	93	99
12A»	STALWART EXTRA	2.89	LAA	9	73	98	99	90	98
B	BALANCE PRO 4	0.063	LAA	9					0
13A»	STALWART C 7.8	1.63	LAA	9	77	99	99	85	96
B	ATRAZINE DF	1.50	LAA	9					0
C	BALANCE PRO 4	0.094	LAA	9					0
14A	CHECK	0.00	NA	0	0	0	0	0	0
15A	HARNESS XTRA	2.80	LAA	9	90	99	98	93	99
B	BALANCE PRO 4	0.063	LAA	9					0
16A»	KIH-485 60WG	0.19	LAA	9	33	82	96	80	99
B	ATRAZINE DF	1.00	LAA	9					0
LSD (0.05)					22.09	24.39	24.63	25.55	0.00
STANDARD DEVIATION					10.80	11.92	12.00	12.49	0.00

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COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY: MAXWELL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		SETFA	DATST	ABUTH	IPOHE	CHEAL	XANST
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/05/05	07/05/05	07/05/05	07/05/05	07/05/05	07/05/05
1A»	RADIUS 4SC	0.50	LAA	9	62	96	99	88	99
B	ATRAZINE DF	1.50	LAA	9					
2A»	LUMAX 3.9L	2.44	LAA	9	60	93	99	77	99
3A»	LEXAR 3.7L	2.32	LAA	9	50	98	99	75	99
4A»	LUMAX 3.9L	2.44	LAA	9	58	98	99	91	99
B	ATRAZINE DF	1.00	LAA	9					
5A»	LEXAR 3.7L	2.32	LAA	9	55	99	99	90	99
B	PRINCEP 4L	1.00	LAA	9					
6A	GUARDSMAN MAX	1.88	LAA	9	58	96	98	96	99
B	BALANCE PRO 4	0.047	LAA	9					
7A	KEYSTONE 5.25	2.63	LAA	9	63	93	98	93	99
B	HORNET 68.5WG	0.128	LAA	9					
8A	FULTIME 4SC	2.50	LAA	9	60	99	96	95	99
B	HORNET 68.5WG	0.128	LAA	9					
9A	BICEP II MAG	2.89	LAA	9	55	99	99	95	99
10A	BICEP II MAG	2.89	LAA	9	55	99	96	90	98
B	BALANCE PRO 4	0.063	LAA	9					
11A»	STALWART EXTRA	2.89	LAA	9	48	99	95	91	99
12A»	STALWART EXTRA	2.89	LAA	9	63	99	98	93	99
B	BALANCE PRO 4	0.063	LAA	9					
13A»	STALWART C 7.8	1.63	LAA	9	72	96	99	91	98
B	ATRAZINE DF	1.50	LAA	9					
C	BALANCE PRO 4	0.094	LAA	9					
14A	CHECK	0.00	NA	0	0	0	0	0	0
15A	HARNESS XTRA	2.80	LAA	9	67	99	95	85	99
B	BALANCE PRO 4	0.063	LAA	9					
16A»	KIH-485 60WG	0.19	LAA	9	53	98	96	71	99
B	ATRAZINE DF	1.00	LAA	9					
LSD (0.05)				15.61	24.70	24.72	32.44	24.37	23.83
STANDARD DEVIATION				7.63	12.08	12.09	15.86	11.92	11.65

TITLE: Preemergence Herbicides for Weed Control in Corn.
CREATED: 04/23/2005 **REVISED:** 11/19/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	ZEAMD	YIELD	
NUM	COMPONENT	RATE	UNIT	CON %	BU/A
			TM	07/05/05	10/20/05
1A»	RADIUS 4SC	0.50	LAA	9	0
B	ATRAZINE DF	1.50	LAA	9	106.3
2A»	LUMAX 3.9L	2.44	LAA	9	0
3A»	LEXAR 3.7L	2.32	LAA	9	0
4A»	LUMAX 3.9L	2.44	LAA	9	0
B	ATRAZINE DF	1.00	LAA	9	92.2
5A»	LEXAR 3.7L	2.32	LAA	9	0
B	PRINCEP 4L	1.00	LAA	9	81.6
6A	GUARDSMAN MAX	1.88	LAA	9	0
B	BALANCE PRO 4	0.047	LAA	9	96.1
7A	KEYSTONE 5.25	2.63	LAA	9	0
B	HORNET 68.5WG	0.128	LAA	9	109.9
8A	FULTIME 4SC	2.50	LAA	9	0
B	HORNET 68.5WG	0.128	LAA	9	86.2
9A	BICEP II MAG	2.89	LAA	9	0
10A	BICEP II MAG	2.89	LAA	9	0
B	BALANCE PRO 4	0.063	LAA	9	110.4
11A»	STALWART EXTRA	2.89	LAA	9	0
12A»	STALWART EXTRA	2.89	LAA	9	0
B	BALANCE PRO 4	0.063	LAA	9	87.3
13A»	STALWART C 7.8	1.63	LAA	9	0
B	ATRAZINE DF	1.50	LAA	9	107.6
C	BALANCE PRO 4	0.094	LAA	9	
14A	CHECK	0.00	NA	0	0
15A	HARNESS XTRA	2.80	LAA	9	0
B	BALANCE PRO 4	0.063	LAA	9	118.1
16A»	KIH-485 60WG	0.19	LAA	9	0
B	ATRAZINE DF	1.00	LAA	9	72.7
		LSD (0.05)		0.00	28.51
		STANDARD DEVIATION		0.00	14.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/03/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	SETFA	CON %	05/31/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	DATST	CON %	05/31/2005	02	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	05/31/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	05/31/2005	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/31/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	05/31/2005	07	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/05/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	DATST	CON %	07/05/2005	02	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/05/2005	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOHE	CON %	07/05/2005	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/05/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Preemergence Herbicides for Weed Control in Corn.

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
012	XANST	CON %	07/05/2005	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/05/2005	07	P	ZEAMD		RAW	ALL	PHY	%	---	1.00 PL	NO	0001	0	N
014	YIELD	BU/A	10/20/2005	07	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

07 = BURRUS 484 S