

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/16/01	06/14/01	06/19/01	AME
AIR TEMPERATURE	87	88	84	F
% REL.HUMIDITY	44	42	52	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	WEST	
WIND SPEED	6.0	8.0	4.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLOUDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
VELVETLEAF		HGH/14 3.00/3.00	LOW/14 3.00/3.00	IN
PIGWEEED, REDROOT		MED/14 2.00/4.00	LOW/14 3.00/3.00	IN
LAMBSQUARTERS, C		HGH/16 2.00/3.00	LOW/16 3.00/3.00	IN
JIMSONWEED		HGH/14 2.00/4.00	LOW/14 3.00/3.00	IN
MORNINGGLORY, IV		HGH/18 3.00/5.00	MED/18 4.00/4.00	IN
FOXTAIL, GIANT		HGH/16 5.00/5.00	LOW/14 3.00/3.00	IN
CORN, DENT BURRUS 663 05/15/2001		NA/14 8.00/8.00	NA/19 14.0/14.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

CREATED: 05/04/2001 REVISED: 11/17/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	ABUTH	DATST	IPOHE	ZEAMD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/19/01	06/19/01	06/19/01	06/19/01	06/28/01
1A	ACCENT 75WG	0.031	LAA 11	0				0
	B»COC	1.00	PMV 11					
	C 28% UAN	2.50	PMV 11					
2A»	AEF 130360-1 7	0.066	LAA 11	7				0
	B»MSO	1.00	PMV 11					
	C 28% UAN	2.50	PMV 11					
3A»	AEF 130360-2 6	0.067	LAA 11	5				0
	B»MSO	1.00	PMV 11					
	C 28% UAN	2.50	PMV 11					
4A»	BASIS GOLD 90D	0.79	LAA 11	0				0
	B»COC	1.00	PMV 11					
	C 28% UAN	2.50	PMV 11					
5A	CHECK	0.00	NA 0	0				0
6A»	AEF 130360-1 7	0.066	LAA 11	8				0
	B ATRAZINE DF	1.00	LAA 11					
	C»MSO	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
7A»	AEF 130360-1 7	0.066	LAA 11	8				0
	B ATRAZINE DF	1.00	LAA 11					
	C»COC	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
8A»	AEF 130360-1 7	0.066	LAA 11	14				0
	B CLARITY	0.188	LAA 11					
	C»ACTIVATOR 90	0.25	PMV 11					
	D 28% UAN	2.50	PMV 11					
9A»	AEF 130360-1 7	0.066	LAA 11	18				3
	B»DISTINCT 70WG	0.175	LAA 11					
	C»ACTIVATOR 90	0.25	PMV 11					
	D 28% UAN	2.50	PMV 11					
10A»	AEF 130360-1 7	0.066	LAA 11	19				5
	B»AIM 40 DF	0.008	LAA 11					
	C»ACTIVATOR 90	0.25	PMV 11					
	D 28% UAN	2.50	PMV 11					
11A»	LEADOFF 5SE	0.94	LAA 9	0	99	99	99	12
	B»BASIS GOLD 90D	0.79	LAA 12					
	C»COC	1.00	PMV 12					
	D 28% UAN	2.50	PMV 12					
12A	ATRAZINE DF	2.00	LAA 9	0	96	99	99	28
	B»AEF 130360-1 7	0.066	LAA 12					
	C»MSO	1.00	PMV 12					
	D 28% UAN	2.50	PMV 12					
13A»	BALANCE PRO 4S	0.07	LAA 9	0	99	99	99	30
	B»AEF 130360-1 7	0.066	LAA 12					
	C»MSO	1.00	PMV 12					
	D 28% UAN	2.50	PMV 12					
14A»	DUAL II MAGNUM	1.60	LAA 9	0	99	99	99	25
	B»AEF 130360-1 7	0.066	LAA 12					
	C»MSO	1.00	PMV 12					
	D 28% UAN	2.50	PMV 12					
15A»	AEF 130360-2 6	0.067	LAA 11	16				0
	B CLARITY	0.188	LAA 11					
	C»ACTIVATOR 90	0.25	PMV 11					
	D 28% UAN	2.50	PMV 11					

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	ABUTH	DATST	IPOHE	ZEAMD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/19/01	06/19/01	06/19/01	06/19/01	06/19/01	06/28/01
16A»	AEF 130360-2 6	0.067	LAA 11	13					0
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
17A»	AEF 130360-2 6	0.067	LAA 11	19					5
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
18A»	AEF 130360-2 6	0.067	LAA 11	7					0
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
19A»	AEF 130360-2 6	0.067	LAA 11	9					0
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
20A	ATRAZINE DF	2.00	LAA 9	0	90	99	99	98	18
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
21A»	BALANCE PRO 4S	0.07	LAA 9	0	99	99	99	84	28
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
22A»	DUAL II MAGNUM	1.60	LAA 9	0	99	96	94	73	20
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
23A»	IL 0300	0.033	LAA 11	10					2
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
24A»	HAND WEEDED	0.00	NA 0	0	99	99	99	99	0
	B»BICEP II MAGNU	2.89	LAA 9						
25A»	AEF 130360-1 7	0.066	LAA 11	10					0
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
26A»	AEF 130360-2 6	0.067	LAA 11	12					0
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
LSD (0.05)				4.39	4.35	0.754	1.50	5.16	5.47
STANDARD DEVIATION				2.20	2.18	0.377	0.748	2.58	2.73

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COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		SETFA	ABUTH	DATST	CHEAL	IPOHE	AMARE
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/28/01	06/28/01	06/28/01	06/28/01	06/28/01	06/28/01
1A	ACCENT 75WG	0.031	LAA 11	82	85	98	33	65	99
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
2A»	AEF 130360-1 7	0.066	LAA 11	91	93	98	86	73	99
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
3A»	AEF 130360-2 6	0.067	LAA 11	87	96	98	87	73	96
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
4A»	BASIS GOLD 90D	0.79	LAA 11	88	90	99	99	80	98
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
5A	CHECK	0.00	NA 0	0	0	0	0	0	0
6A»	AEF 130360-1 7	0.066	LAA 11	78	93	99	99	95	99
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
7A»	AEF 130360-1 7	0.066	LAA 11	77	91	99	99	94	99
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
8A»	AEF 130360-1 7	0.066	LAA 11	85	88	96	94	77	96
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
9A»	AEF 130360-1 7	0.066	LAA 11	94	93	91	94	78	95
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
10A»	AEF 130360-1 7	0.066	LAA 11	91	98	99	96	85	99
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
11A»	LEADOFF 5SE	0.94	LAA 9	99	99	99	99	99	99
	B»BASIS GOLD 90D	0.79	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
12A	ATRAZINE DF	2.00	LAA 9	99	99	99	99	99	99
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
13A»	BALANCE PRO 4S	0.07	LAA 9	99	99	99	99	93	99
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
14A»	DUAL II MAGNUM	1.60	LAA 9	99	99	99	99	70	99
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
15A»	AEF 130360-2 6	0.067	LAA 11	89	94	94	90	80	99
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

TRT	TREATMENT	DOSAGE		SETFA	ABUTH	DATST	CHEAL	IPOHE	AMARE
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/28/01	06/28/01	06/28/01	06/28/01	06/28/01	06/28/01
16A»	AEF 130360-2 6	0.067	LAA 11	92	93	99	91	82	91
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
17A»	AEF 130360-2 6	0.067	LAA 11	92	99	99	99	92	99
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
18A»	AEF 130360-2 6	0.067	LAA 11	85	96	99	99	98	99
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
19A»	AEF 130360-2 6	0.067	LAA 11	86	98	99	99	99	99
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
20A	ATRAZINE DF	2.00	LAA 9	96	99	99	99	98	99
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
21A»	BALANCE PRO 4S	0.07	LAA 9	99	96	99	99	81	99
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
22A»	DUAL II MAGNUM	1.60	LAA 9	99	99	99	99	67	99
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
23A»	IL 0300	0.033	LAA 11	92	98	99	93	68	95
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
24A»	HAND WEEDED	0.00	NA 0	98	99	99	99	99	99
	B»BICEP II MAGNU	2.89	LAA 9						
25A»	AEF 130360-1 7	0.066	LAA 11	85	99	99	99	85	99
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
26A»	AEF 130360-2 6	0.067	LAA 11	83	99	99	99	83	98
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
LSD (0.05)				11.89	9.70	4.07	9.14	13.72	4.28
STANDARD DEVIATION				5.94	4.85	2.00	4.57	6.86	2.14

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COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Perry

RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	ABUTH	DATST	CHEAL	IPOHE
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/07/01	07/07/01	07/07/01	07/07/01	07/07/01	07/07/01
1A	ACCENT 75WG	0.031	LAA 11	0	88	83	99	60	70
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
2A»	AEF 130360-1 7	0.066	LAA 11	0	92	98	99	94	75
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
3A»	AEF 130360-2 6	0.067	LAA 11	0	93	99	99	95	77
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
4A»	BASIS GOLD 90D	0.79	LAA 11	0	88	93	99	97	96
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
5A	CHECK	0.00	NA 0	0	0	0	0	0	0
6A»	AEF 130360-1 7	0.066	LAA 11	0	82	94	99	99	97
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
7A»	AEF 130360-1 7	0.066	LAA 11	0	74	92	99	99	95
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
8A»	AEF 130360-1 7	0.066	LAA 11	0	87	96	99	96	89
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
9A»	AEF 130360-1 7	0.066	LAA 11	0	93	98	99	99	96
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
10A»	AEF 130360-1 7	0.066	LAA 11	0	95	96	99	98	89
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
11A»	LEADOFF 5SE	0.94	LAA 9	0	99	99	99	99	99
	B»BASIS GOLD 90D	0.79	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
12A	ATRAZINE DF	2.00	LAA 9	0	99	99	99	99	99
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
13A»	BALANCE PRO 4S	0.07	LAA 9	0	99	99	99	99	96
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
14A»	DUAL II MAGNUM	1.60	LAA 9	0	99	99	99	99	87
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
15A»	AEF 130360-2 6	0.067	LAA 11	0	95	98	99	99	92
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						

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TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	ABUTH	DATST	CHEAL	IPOHE
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/07/01	07/07/01	07/07/01	07/07/01	07/07/01	07/07/01
16A»	AEF 130360-2 6	0.067	LAA 11	0	94	98	99	99	90
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
17A»	AEF 130360-2 6	0.067	LAA 11	0	93	98	99	98	93
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
18A»	AEF 130360-2 6	0.067	LAA 11	0	90	98	99	99	98
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
19A»	AEF 130360-2 6	0.067	LAA 11	0	86	98	99	99	99
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
20A	ATRAZINE DF	2.00	LAA 9	0	97	99	99	99	99
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
21A»	BALANCE PRO 4S	0.07	LAA 9	0	99	99	99	99	96
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
22A»	DUAL II MAGNUM	1.60	LAA 9	0	99	99	99	94	94
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
23A»	IL 0300	0.033	LAA 11	0	98	99	99	96	76
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
24A»	HAND WEEDED	0.00	NA 0	0	99	99	99	99	99
	B»BICEP II MAGNU	2.89	LAA 9						
25A»	AEF 130360-1 7	0.066	LAA 11	0	87	99	94	99	94
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
26A»	AEF 130360-2 6	0.067	LAA 11	0	86	99	99	99	96
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
LSD (0.05)				0.00	10.65	5.69	2.59	6.87	6.32
STANDARD DEVIATION				0.00	5.32	2.84	1.29	3.43	3.16

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RESEARCHED BY:

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		AMARE	ZEAMD	SETFA	CHEAL	ABUTH	IPOHE
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/07/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01
1A	ACCENT 75WG	0.031	LAA 11	99	0	91	99	23	18
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
2A»	AEF 130360-1 7	0.066	LAA 11	96	0	94	99	88	55
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
3A»	AEF 130360-2 6	0.067	LAA 11	98	0	91	99	91	70
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
4A»	BASIS GOLD 90D	0.79	LAA 11	98	0	92	99	94	89
	B»COC	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
5A	CHECK	0.00	NA 0	0	0	0	0	0	0
6A»	AEF 130360-1 7	0.066	LAA 11	99	0	77	99	85	93
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
7A»	AEF 130360-1 7	0.066	LAA 11	98	0	63	99	86	88
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
8A»	AEF 130360-1 7	0.066	LAA 11	99	0	81	99	96	83
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
9A»	AEF 130360-1 7	0.066	LAA 11	99	0	95	99	99	91
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
10A»	AEF 130360-1 7	0.066	LAA 11	99	0	87	99	99	60
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
11A»	LEADOFF 5SE	0.94	LAA 9	99	0	99	99	99	99
	B»BASIS GOLD 90D	0.79	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
12A	ATRAZINE DF	2.00	LAA 9	99	0	99	99	99	99
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
13A»	BALANCE PRO 4S	0.07	LAA 9	99	0	99	99	98	98
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
14A»	DUAL II MAGNUM	1.60	LAA 9	99	0	99	99	99	85
	B»AEF 130360-1 7	0.066	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
15A»	AEF 130360-2 6	0.067	LAA 11	99	0	91	99	99	81
	B CLARITY	0.188	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

TRT	TREATMENT	DOSAGE		AMARE	ZEAMD	SETFA	CHEAL	ABUTH	IPOHE
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/07/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01
16A»	AEF 130360-2 6	0.067	LAA 11	99	0	95	99	99	86
	B»DISTINCT 70WG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
17A»	AEF 130360-2 6	0.067	LAA 11	99	0	96	99	99	89
	B»AIM 40 DF	0.008	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D 28% UAN	2.50	PMV 11						
18A»	AEF 130360-2 6	0.067	LAA 11	99	0	91	99	99	93
	B ATRAZINE DF	1.00	LAA 11						
	C»MSO	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
19A»	AEF 130360-2 6	0.067	LAA 11	99	0	72	99	99	99
	B ATRAZINE DF	1.00	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
20A	ATRAZINE DF	2.00	LAA 9	99	0	93	99	99	99
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
21A»	BALANCE PRO 4S	0.07	LAA 9	99	0	99	99	99	83
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
22A»	DUAL II MAGNUM	1.60	LAA 9	99	0	99	99	99	82
	B»AEF 130360-2 6	0.067	LAA 12						
	C»MSO	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
23A»	IL 0300	0.033	LAA 11	99	0	94	99	96	70
	B»MSO	1.00	PMV 11						
	C 28% UAN	2.50	PMV 11						
24A»	HAND WEEDED	0.00	NA 0	99	0	99	99	99	99
	B»BICEP II MAGNU	2.89	LAA 9						
25A»	AEF 130360-1 7	0.066	LAA 11	99	0	85	99	99	83
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
26A»	AEF 130360-2 6	0.067	LAA 11	98	0	89	99	99	91
	B»CALLISTO 4SC	0.094	LAA 11						
	C»COC	1.00	PMV 11						
	D 28% UAN	2.50	PMV 11						
LSD (0.05)				1.61	0.00	14.75	0.00	11.32	22.00
STANDARD DEVIATION				0.803	0.00	7.37	0.00	5.66	11.00

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405
CREATED: 05/04/2001 **REVISED:** 11/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	AMARE	CHEAL	ZEAMD
NUM	COMPONENT	RATE	CON %	CON %	BU/ACREW
		UNIT	TM	07/19/01	07/19/01
					10/25/01
1A	ACCENT 75WG	0.031	LAA 11	73	18
	B»COC	1.00	PMV 11		
	C 28% UAN	2.50	PMV 11		141.0
2A»	AEF 130360-1 7	0.066	LAA 11	99	91
	B»MSO	1.00	PMV 11		
	C 28% UAN	2.50	PMV 11		152.3
3A»	AEF 130360-2 6	0.067	LAA 11	99	96
	B»MSO	1.00	PMV 11		
	C 28% UAN	2.50	PMV 11		163.3
4A»	BASIS GOLD 90D	0.79	LAA 11	92	90
	B»COC	1.00	PMV 11		
	C 28% UAN	2.50	PMV 11		167.9
5A	CHECK	0.00	NA 0	0	0
					124.6
6A»	AEF 130360-1 7	0.066	LAA 11	99	99
	B ATRAZINE DF	1.00	LAA 11		
	C»MSO	1.00	PMV 11		
	D 28% UAN	2.50	PMV 11		141.1
7A»	AEF 130360-1 7	0.066	LAA 11	99	99
	B ATRAZINE DF	1.00	LAA 11		
	C»COC	1.00	PMV 11		
	D 28% UAN	2.50	PMV 11		144.8
8A»	AEF 130360-1 7	0.066	LAA 11	99	99
	B CLARITY	0.188	LAA 11		
	C»ACTIVATOR 90	0.25	PMV 11		
	D 28% UAN	2.50	PMV 11		141.4
9A»	AEF 130360-1 7	0.066	LAA 11	99	99
	B»DISTINCT 70WG	0.175	LAA 11		
	C»ACTIVATOR 90	0.25	PMV 11		
	D 28% UAN	2.50	PMV 11		147.5
10A»	AEF 130360-1 7	0.066	LAA 11	99	94
	B»AIM 40 DF	0.008	LAA 11		
	C»ACTIVATOR 90	0.25	PMV 11		
	D 28% UAN	2.50	PMV 11		159.1
11A»	LEADOFF 5SE	0.94	LAA 9	99	99
	B»BASIS GOLD 90D	0.79	LAA 12		
	C»COC	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		180.4
12A	ATRAZINE DF	2.00	LAA 9	99	98
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		147.3
13A»	BALANCE PRO 4S	0.07	LAA 9	99	99
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		152.8
14A»	DUAL II MAGNUM	1.60	LAA 9	99	99
	B»AEF 130360-1 7	0.066	LAA 12		
	C»MSO	1.00	PMV 12		
	D 28% UAN	2.50	PMV 12		162.3
15A»	AEF 130360-2 6	0.067	LAA 11	99	93
	B CLARITY	0.188	LAA 11		
	C»ACTIVATOR 90	0.25	PMV 11		
	D 28% UAN	2.50	PMV 11		155.6

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

TRT	TREATMENT	DOSAGE	AMARE	CHEAL	ZEAMD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	BU/ACREW
					07/19/01	07/19/01	10/25/01
16A	AEF 130360-2 6	0.067	LAA	11	99	97	160.4
	B»DISTINCT 70WG	0.175	LAA	11			
	C»ACTIVATOR 90	0.25	PMV	11			
	D 28% UAN	2.50	PMV	11			
17A	AEF 130360-2 6	0.067	LAA	11	99	99	161.5
	B»AIM 40 DF	0.008	LAA	11			
	C»ACTIVATOR 90	0.25	PMV	11			
	D 28% UAN	2.50	PMV	11			
18A	AEF 130360-2 6	0.067	LAA	11	96	99	169.9
	B ATRAZINE DF	1.00	LAA	11			
	C»MSO	1.00	PMV	11			
	D 28% UAN	2.50	PMV	11			
19A	AEF 130360-2 6	0.067	LAA	11	99	99	149.9
	B ATRAZINE DF	1.00	LAA	11			
	C»COC	1.00	PMV	11			
	D 28% UAN	2.50	PMV	11			
20A	ATRAZINE DF	2.00	LAA	9	99	99	151.5
	B»AEF 130360-2 6	0.067	LAA	12			
	C»MSO	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			
21A	BALANCE PRO 4S	0.07	LAA	9	99	99	149.8
	B»AEF 130360-2 6	0.067	LAA	12			
	C»MSO	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			
22A	DUAL II MAGNUM	1.60	LAA	9	99	99	166.4
	B»AEF 130360-2 6	0.067	LAA	12			
	C»MSO	1.00	PMV	12			
	D 28% UAN	2.50	PMV	12			
23A	IL 0300	0.033	LAA	11	86	93	161.7
	B»MSO	1.00	PMV	11			
	C 28% UAN	2.50	PMV	11			
24A	HAND WEEDED	0.00	NA	0	99	99	156.7
	B»BICEP II MAGNU	2.89	LAA	9			
25A	AEF 130360-1 7	0.066	LAA	11	99	99	172.6
	B»CALLISTO 4SC	0.094	LAA	11			
	C»COC	1.00	PMV	11			
	D 28% UAN	2.50	PMV	11			
26A	AEF 130360-2 6	0.067	LAA	11	99	97	145.4
	B»CALLISTO 4SC	0.094	LAA	11			
	C»COC	1.00	PMV	11			
	D 28% UAN	2.50	PMV	11			
LSD (0.05)					17.00	7.71	25.74
STANDARD DEVIATION					8.50	3.85	12.87

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/16/2001(1)

11 = ----- / EPOST 06/14/2001(2)

12 = ----- / POST 06/19/2001(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	06/19/2001	01	P	ZEAMD	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/19/2001	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/19/2001	03	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	DATST	CON %	06/19/2001	04	P	DATST	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	IPOHE	CON %	06/19/2001	06	P	IPOHE	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: PCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN - 2405

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
06	ZEAMD	CON %	06/28/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	06/28/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ABUTH	CON %	06/28/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	DATST	CON %	06/28/2001	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	CHEAL	CON %	06/28/2001	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	IPOHE	CON %	06/28/2001	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMARE	CON %	06/28/2001	07	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	ZEAMD	CON %	07/07/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	SETFA	CON %	07/07/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	ABUTH	CON %	07/07/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	DATST	CON %	07/07/2001	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	CHEAL	CON %	07/07/2001	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	IPOHE	CON %	07/07/2001	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	AMARE	CON %	07/07/2001	07	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
20	ZEAMD	CON %	07/19/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
21	SETFA	CON %	07/19/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
22	CHEAL	CON %	07/19/2001	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
23	ABUTH	CON %	07/19/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
24	IPOHE	CON %	07/19/2001	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
25	AMARE	CON %	07/19/2001	07	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
26	CHEAL	CON %	07/19/2001	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
27	ZEAMD	BU/ACREW	10/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = BURRUS 663

* STAGE CODE

14 = 4 LEAVES UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = 9 OR MORE LEAVES UNFOLDED