

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/01	06/07/01	06/19/01	AME
AIR TEMPERATURE	87	81	85	F
% REL.HUMIDITY	33	80	55	
WIND DIRECTION	SOUTH	NORTH	SOUTH	
WIND SPEED	6.0	3.0	5.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	COMPACT	COMPACT	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 *** WATERHEMP, COMMO		HGH/15 2.00/6.00		IN
PANICUM, FALL		MED/15 2.00/8.00		IN
CORN, DENT ASGROW RX770RR 05/02/2001		NA/16 10.0/10.0		IN

* TIMING CODES

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

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED

DATA MEAN

TITLE: BCAFESYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN BROWNSTOWN - 200
CREATED: 05/02/2001 **REVISED:** 09/04/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	PANDI	AMATA	ZEAMD	PANDI	AMATA
		RATE	UNIT		CON % 06/14/01	CON % 06/14/01	CON % 06/14/01	CON % 06/25/01	CON % 06/25/01	CON % 06/25/01
1A	ACCENT 75WG	0.031	LAA	11	0			0	99	47
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
2A»	AEF 130360-1 7	0.066	LAA	11	0			0	99	12
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
3A»	AEF 130360-2 6	0.067	LAA	11	0			0	99	20
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
4A»	BASIS GOLD 90D	0.79	LAA	11	0			0	99	95
	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			0	99	98
	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			0	91	90
	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			0	99	79
	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			0	98	92
	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			0	96	62
	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	76	86	0	93	96
	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	78	98	0	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	98	81	0	99	62
	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	72	79	0	99	77
	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			0	95	85
	B CLARITY	0.188	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						

DATA MEAN

TITLE: BCAFESYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN BROWNSTOWN - 200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	PANDI	AMATA	ZEAMD	PANDI	AMATA
		RATE	UNIT		CON % 06/14/01	CON % 06/14/01	CON % 06/14/01	CON % 06/25/01	CON % 06/25/01	CON % 06/25/01
16A	»AEF 130360-2 6	0.067	LAA	11	0			0	93	80
	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	2			0	92	10
	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			0	99	70
	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			0	96	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	47	82	0	89	98
	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	94	80	0	99	77
	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	95	93	0	99	95
	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	86	65	0	99	48
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
24A	»HAND WEDED	0.00	NA	0	0	99	99	0	99	98
	B»BICEP II MAGNU	2.89	LAA	9						
25A	»AEF 130360-1 7	0.066	LAA	11	0			0	92	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	0			0	96	99
	B»CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
		LSD (0.05)			0.925	19.25	14.92	0.00	9.34	26.11
		STANDARD DEVIATION			0.462	9.63	7.46	0.00	4.67	13.06

DATA MEAN

TITLE: BCAFESYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN BROWNSTOWN - 200
CREATED: 05/02/2001 **REVISED:** 09/04/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	PANDI	AMATA	ZEAMD	PANDI	AMATA
		RATE	UNIT	TM	CON % 07/13/01	CON % 07/13/01	CON % 07/13/01	CON % 07/26/01	CON % 07/26/01	CON % 07/26/01
1A	ACCENT 75WG	0.031	LAA	11	0	99	23	0	93	40
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
2A»	AEF 130360-1 7	0.066	LAA	11	0	98	23	0	95	23
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
3A»	AEF 130360-2 6	0.067	LAA	11	0	98	0	0	94	23
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
4A»	BASIS GOLD 90D	0.79	LAA	11	0	99	95	0	95	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	98	98	0	97	98
	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	75	98	0	65	92
	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	85	87	0	84	82
	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	94	90	0	91	94
	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	85	72	0	92	80
	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	91	90	0	90	89
	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	98	98	0	98	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	40	0	94	77
	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	96	91	0	98	88
	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	84	93	0	96	65
	B CLARITY	0.188	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						

DATA MEAN

TITLE: BCAFESYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN BROWNSTOWN - 200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	PANDI	AMATA	ZEAMD	PANDI	AMATA
		RATE	UNIT		CON % 07/13/01	CON % 07/13/01	CON % 07/13/01	CON % 07/26/01	CON % 07/26/01	CON % 07/26/01
16A	AEF 130360-2 6	0.067	LAA	11	0	67	83	0	67	76
	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	63	10	0	85	3
	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	96	75	0	78	80
	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	84	96	0	82	98
	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	88	98	0	95	96
	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	50	0	95	32
	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	98	96	0	94	98
	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	33	0	97	33
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
24A	HAND WEEDED	0.00	NA	0	0	80	99	0	91	98
	B»BICEP II MAGNU	2.89	LAA	9						
25A	AEF 130360-1 7	0.066	LAA	11	0	67	98	0	67	95
	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	83	98	0	85	99
	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	17.62	25.56	0.00	20.30	34.52
		STANDARD DEVIATION			0.00	8.81	12.78	0.00	10.15	17.26

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2001(1)
 11 = ----- / EPOST 06/07/2001(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 %	06/14/2001	01	P	ZEAMD	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	PANDI	CON %	06/14/2001	02	P	PANDI	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMATA	CON %	06/14/2001	03	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	06/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	PANDI	CON %	06/25/2001	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: BCAEFSYS AEF EXP SYSTEMS FOR WEED CONTROL IN CORN BROWNSTOWN - 200

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
06	AMATA	CON %	06/25/2001	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ZEAMD	CON %	07/13/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	PANDI	CON %	07/13/2001	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	AMATA	CON %	07/13/2001	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ZEAMD	CON %	07/26/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	PANDI	CON %	07/26/2001	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMATA	CON %	07/26/2001	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX770RR

* STAGE CODE

16 = 6 LEAVES UNFOLDED

18 = 8 LEAVES UNFOLDED