

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/16/01	AME
AIR TEMPERATURE	84	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/13	
05/09/2001	6.00/6.00	IN
*** PEST ***		
VELVETLEAF	---/15	
	2.00/4.00	IN
RAGWEED, COMMON	---/15	
	2.00/4.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/6.00	IN
MORNINGGLORY, TA	---/18	
	1.00/3.00	IN
SMARTWEED, PENNS	---/18	
	3.00/6.00	IN
FOXTAIL, GIANT	---/13	
	4.00/8.00	IN
COCKLEBUR, COMMO	---/15	
	2.00/4.00	IN

* TIMING CODES
 12 = ----- / POST

* STAGE CODE
 13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: V-10086 for postemergence broadleaf weed control in Soybean C-400

CREATED: 05/04/2001 REVISED: 08/17/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMBEL	XANST	POLPY	
		RATE	UNIT		CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	CON % 06/21/01	
1A	SELECT (2EC)	0.094	LAA	12	0	30	0	0	0	0	
	B»COC	0.63	PMV	12							
2A	SELECT (2EC)	0.094	LAA	12	17	43	40	83	85	70	
	B COBRA 2EC	0.125	LAA	12							
	C»COC	0.63	PMV	12							
	D»LIQUID AMS	3.67	PMV	12							
3A	SELECT (2EC)	0.094	LAA	12	8	37	33	67	77	55	
	B»V-10086 2EC	0.125	LAA	12							
	C»LIQUID AMS	3.67	PMV	12							
4A	SELECT (2EC)	0.125	LAA	12	10	40	33	63	75	58	
	B»V-10086 2EC	0.125	LAA	12							
	C»LIQUID AMS	3.67	PMV	12							
5A»	V-10086 2EC	0.15	LAA	12	17	40	40	70	75	63	
	B SELECT (2EC)	0.094	LAA	12							
	C»LIQUID AMS	3.67	PMV	12							
6A»	V-10086 2EC	0.15	LAA	12	12	43	30	68	73	57	
	B SELECT (2EC)	0.125	LAA	12							
	C»LIQUID AMS	3.67	PMV	12							
7A»	V-10086 2EC	0.15	LAA	12	7	37	33	63	72	58	
	B SELECT (2EC)	0.094	LAA	12							
	C»PR0-X	0.67	PMV	12							
8A»	V-10086 2EC	0.15	LAA	12	8	40	37	67	73	53	
	B SELECT (2EC)	0.125	LAA	12							
	C»PR0-X	0.67	PMV	12							
9A»	V-10086 2EC	0.15	LAA	12	12	43	40	70	77	60	
	B SELECT (2EC)	0.094	LAA	12							
	C»ACTIVATOR 90	0.125	PMV	12							
10A»	V-10086 2EC	0.15	LAA	12	12	47	43	67	73	63	
	B SELECT (2EC)	0.125	LAA	12							
	C»ACTIVATOR 90	0.125	PMV	12							
11A	COBRA 2EC	0.15	LAA	12	17	47	53	78	88	72	
	B SELECT (2EC)	0.125	LAA	12							
	C»COC	0.63	PMV	12							
	D»LIQUID AMS	3.67	PMV	12							
12A»	FLEXSTAR 1.88M	0.19	LAA	12	10	70	75	99	99	96	
	B FUSION	0.16	LAA	12							
	C»COC	0.63	PMV	12							
	D»LIQUID AMS	3.67	PMV	12							
13A	CHECK	0.00	NA	0	0	0	0	0	0	0	
14A»	RAPTOR 1AS	0.031	LAA	12	22	72	83	99	99	99	
	B»ULTRA BLAZER	0.125	LAA	12							
	C»MSO	1.00	PMV	12							
	D»LIQUID AMS	3.67	PMV	12							
15A»	ULTRA BLAZER	0.16	LAA	12	22	85	87	99	99	99	
	B BASAGRAN 4SL	1.00	LAA	12							
	C POAST + 1EC	0.20	LAA	12							
	D 28% UAN	1.25	PMV	12							
					LSLSD (0.05)	6.00	9.37	8.35	13.61	9.68	14.05
					STANDARD DEVIATION	3.00	4.57	4.08	6.65	4.73	6.86

DATA MEAN

TITLE: V-10086 for postemergence broadleaf weed control in Soybean C-400

CREATED: 05/04/2001 REVISED: 08/17/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	GLXMA	SETFA	CHEAL	AMBEL
		RATE	UNIT		CON % 06/21/01	CON % 06/21/01	CON % 06/29/01	CON % 06/29/01	CON % 06/29/01	CON % 06/29/01
1A	SELECT (2EC)	0.094	LAA	12	0	0	0	99	0	0
	B»COC	0.63	PMV	12						
2A	SELECT (2EC)	0.094	LAA	12	77	60	7	99	52	75
	B COBRA 2EC	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
3A	SELECT (2EC)	0.094	LAA	12	63	50	5	99	53	63
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
4A	SELECT (2EC)	0.125	LAA	12	67	53	7	99	50	60
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
5A»	V-10086 2EC	0.15	LAA	12	67	60	12	99	43	63
	B SELECT (2EC)	0.094	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
6A»	V-10086 2EC	0.15	LAA	12	62	53	8	99	43	60
	B SELECT (2EC)	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
7A»	V-10086 2EC	0.15	LAA	12	63	50	7	99	40	58
	B SELECT (2EC)	0.094	LAA	12						
	C»PR0-X	0.67	PMV	12						
8A»	V-10086 2EC	0.15	LAA	12	63	53	5	99	37	60
	B SELECT (2EC)	0.125	LAA	12						
	C»PR0-X	0.67	PMV	12						
9A»	V-10086 2EC	0.15	LAA	12	70	60	8	99	47	67
	B SELECT (2EC)	0.094	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
10A»	V-10086 2EC	0.15	LAA	12	67	60	12	99	62	78
	B SELECT (2EC)	0.125	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
11A	COBRA 2EC	0.15	LAA	12	75	63	10	99	57	80
	B SELECT (2EC)	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
12A»	FLEXSTAR 1.88M	0.19	LAA	12	99	85	3	99	72	87
	B FUSION	0.16	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	RAPTOR 1AS	0.031	LAA	12	99	93	13	99	95	99
	B»ULTRA BLAZER	0.125	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
15A»	ULTRA BLAZER	0.16	LAA	12	99	93	12	99	94	99
	B BASAGRAN 4SL	1.00	LAA	12						
	C POAST + 1EC	0.20	LAA	12						
	D 28% UAN	1.25	PMV	12						
		LSD (0.05)			11.26	12.67	4.85	0.00	16.17	11.40
		STANDARD DEVIATION			5.50	6.18	2.37	0.00	7.90	5.57

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LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	POLPY	ABUTH	PHBPU	GLXMA	SETFA
		RATE	UNIT		CON % 06/29/01	CON % 06/29/01	CON % 06/29/01	CON % 06/29/01	CON % 07/16/01	CON % 07/16/01
1A	SELECT (2EC)	0.094	LAA	12	0	0	0	0	0	99
	B»COC	0.63	PMV	12						
2A	SELECT (2EC)	0.094	LAA	12	67	58	83	62	0	99
	B COBRA 2EC	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
3A	SELECT (2EC)	0.094	LAA	12	57	62	77	60	0	99
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
4A	SELECT (2EC)	0.125	LAA	12	57	57	75	53	2	99
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
5A»	V-10086 2EC	0.15	LAA	12	58	57	78	60	2	99
	B SELECT (2EC)	0.094	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
6A»	V-10086 2EC	0.15	LAA	12	52	50	72	57	0	99
	B SELECT (2EC)	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
7A»	V-10086 2EC	0.15	LAA	12	50	47	63	47	0	99
	B SELECT (2EC)	0.094	LAA	12						
	C»PR0-X	0.67	PMV	12						
8A»	V-10086 2EC	0.15	LAA	12	53	50	63	50	0	99
	B SELECT (2EC)	0.125	LAA	12						
	C»PR0-X	0.67	PMV	12						
9A»	V-10086 2EC	0.15	LAA	12	53	47	75	53	0	98
	B SELECT (2EC)	0.094	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
10A»	V-10086 2EC	0.15	LAA	12	68	75	81	65	0	99
	B SELECT (2EC)	0.125	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
11A	COBRA 2EC	0.15	LAA	12	72	63	83	68	5	99
	B SELECT (2EC)	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
12A»	FLEXSTAR 1.88M	0.19	LAA	12	87	82	83	75	2	97
	B FUSION	0.16	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	RAPTOR 1AS	0.031	LAA	12	99	99	97	95	8	88
	B»ULTRA BLAZER	0.125	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
15A»	ULTRA BLAZER	0.16	LAA	12	99	99	97	94	7	80
	B BASAGRAN 4SL	1.00	LAA	12						
	C POAST + 1EC	0.20	LAA	12						
	D 28% UAN	1.25	PMV	12						
		LSD (0.05)			11.69	13.10	9.39	13.90	2.71	2.77
		STANDARD DEVIATION			5.71	6.40	4.58	6.79	1.32	1.35

DATA MEAN

TITLE: V-10086 for postemergence broadleaf weed control in Soybean C-400

CREATED: 05/04/2001 REVISED: 08/17/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBEL	XANST	POLPY	ABUTH	PHBPU
		RATE	UNIT		CON % 07/16/01	CON % 07/16/01	CON % 07/16/01	CON % 07/16/01	CON % 07/16/01	CON % 07/16/01
1A	SELECT (2EC)	0.094	LAA	12	0	0	0	0	0	0
	B»COC	0.63	PMV	12						
2A	SELECT (2EC)	0.094	LAA	12	53	75	73	57	83	62
	B COBRA 2EC	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
3A	SELECT (2EC)	0.094	LAA	12	57	75	72	58	88	67
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
4A	SELECT (2EC)	0.125	LAA	12	43	65	72	57	84	60
	B»V-10086 2EC	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
5A»	V-10086 2EC	0.15	LAA	12	48	67	70	50	78	53
	B SELECT (2EC)	0.094	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
6A»	V-10086 2EC	0.15	LAA	12	37	43	50	37	68	40
	B SELECT (2EC)	0.125	LAA	12						
	C»LIQUID AMS	3.67	PMV	12						
7A»	V-10086 2EC	0.15	LAA	12	37	43	47	33	60	43
	B SELECT (2EC)	0.094	LAA	12						
	C»PR0-X	0.67	PMV	12						
8A»	V-10086 2EC	0.15	LAA	12	40	50	60	40	68	47
	B SELECT (2EC)	0.125	LAA	12						
	C»PR0-X	0.67	PMV	12						
9A»	V-10086 2EC	0.15	LAA	12	30	47	50	40	70	47
	B SELECT (2EC)	0.094	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
10A»	V-10086 2EC	0.15	LAA	12	37	57	65	43	78	57
	B SELECT (2EC)	0.125	LAA	12						
	C»ACTIVATOR 90	0.125	PMV	12						
11A	COBRA 2EC	0.15	LAA	12	63	72	78	60	87	67
	B SELECT (2EC)	0.125	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
12A»	FLEXSTAR 1.88M	0.19	LAA	12	73	97	97	90	96	94
	B FUSION	0.16	LAA	12						
	C»COC	0.63	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	RAPTOR 1AS	0.031	LAA	12	97	96	99	99	99	98
	B»ULTRA BLAZER	0.125	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	3.67	PMV	12						
15A»	ULTRA BLAZER	0.16	LAA	12	84	95	99	98	99	94
	B BASAGRAN 4SL	1.00	LAA	12						
	C POAST + 1EC	0.20	LAA	12						
	D 28% UAN	1.25	PMV	12						
		LSLSD (0.05)			12.29	10.65	9.90	12.19	8.30	13.76
		STANDARD DEVIATION			6.00	5.20	4.83	6.00	4.05	6.72

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

*** CONTINUE ON NEXT PAGE

DATA MEAN

00 = ----- / UNTREATED TIMING
 00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/16/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	GLXMA	CON %	06/21/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/21/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/21/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	06/21/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	XANST	CON %	06/21/2001	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	POLPY	CON %	06/21/2001	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	06/21/2001	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	PHBPU	CON %	06/21/2001	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	GLXMA	CON %	06/29/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	SETFA	CON %	06/29/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	CHEAL	CON %	06/29/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMBEL	CON %	06/29/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	XANST	CON %	06/29/2001	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	POLPY	CON %	06/29/2001	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	ABUTH	CON %	06/29/2001	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	PHBPU	CON %	06/29/2001	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	GLXMA	CON %	07/16/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	SETFA	CON %	07/16/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	CHEAL	CON %	07/16/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
20	AMBEL	CON %	07/16/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
21	XANST	CON %	07/16/2001	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
22	POLPY	CON %	07/16/2001	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
23	ABUTH	CON %	07/16/2001	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
24	PHBPU	CON %	07/16/2001	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N