

SOIL INFORMATIONTRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/10/01	AME
AIR TEMPERATURE	84	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	15.0	M/H
CLOUD COVER	CLEAR	
DEW	---	
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	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/01	
DEKALB CX303RR	/	IN
05/10/2001		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean AS-100

CREATED: 05/01/2001 REVISED: 08/10/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	ABUTH	DATST	PHBPU	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/11/01	06/11/01	06/11/01	06/11/01	06/11/01
1A	COMMAND 3ME	0.75	LAA	9	0	98	90	98	85
2A»	COMMAND XTRA	0.00	LAA	0	0	99	96	98	96
B	COMMAND 3ME	0.60	LAA	9					
C»	SPARTAN 4L	0.30	LAA	9					
3A»	AUTHORITY	0.249	LAA	9	0	96	95	99	95
4A»	FIRSTRATE 84WG	0.031	LAA	9	0	57	88	99	92
5A»	GAUNTLET	0.00	LAA	0	0	93	93	98	96
B»	FIRSTRATE 84WG	0.031	LAA	9					
C»	SPARTAN 4L	0.248	LAA	9					
6A»	GAUNTLET	0.00	LAA	0	2	99	98	99	98
B»	FIRSTRATE 84WG	0.031	LAA	9					
C»	SPARTAN 4L	0.248	LAA	9					
D	COMMAND 3ME	0.75	LAA	9					
7A	PURSUIT +	0.91	LAA	9	0	98	93	99	93
8A»	DOMAIN 60DF	0.60	LAA	9	5	99	93	99	90
9A»	BOUNDARY 7.8L	1.95	LAA	9	10	99	95	99	87
10A»	BOUNDARY 7.8L	1.56	LAA	9	13	99	97	99	92
11A»	BOUNDARY 7.8L	1.56	LAA	9	15	99	98	99	94
B»	GAUNTLET	0.00	LAA	0					
C»	FIRSTRATE 84WG	0.016	LAA	9					
D»	SPARTAN 4L	0.124	LAA	9					
12A»	BOUNDARY 7.8L	1.56	LAA	9	8	88	85	99	92
B»	CANOPY XL 56.3	0.07	LAA	0					
C»	AUTHORITY	0.058	LAA	9					
D	CLASSIC 25WG	0.012	LAA	9					
E»	AUTHORITY	0.094	LAA	9					
13A»	BOUNDARY 7.8L	1.95	LAA	9	10	98	98	99	92
B»	PYTHON 80WG	0.05	LAA	9					
14A	PROWL 3.3EC	1.24	LAA	9	10	97	73	95	95
15A	CHECK	0.00	NA	0	0	0	0	0	0
16A»	VALOR 50WG	0.094	LAA	9	20	97	99	99	97
17A»	CANOPY XL 56.3	0.24	LAA	0	0	92	85	99	93
B»	AUTHORITY	0.20	LAA	9					
C	CLASSIC 25WG	0.04	LAA	9					
18A»	STEEL CP	0.97	LAA	9	0	93	80	96	92
LSD (0.05)					2.74	3.45	5.00	2.85	4.41
STANDARD DEVIATION					1.35	1.71	2.46	1.41	2.18
									1.00
									0.503

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	ABUTH	DATST	PHBPU	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					07/09/01	07/09/01	07/09/01	07/09/01		
1A	COMMAND 3ME	0.75	LAA	9	0	97	89	85	53	92
2A»	COMMAND XTRA	0.00	LAA	0	0	95	95	87	98	99
B	COMMAND 3ME	0.60	LAA	9						
C»	SPARTAN 4L	0.30	LAA	9						
3A»	AUTHORITY	0.249	LAA	9	0	65	40	40	99	99
4A»	FIRSTRATE 84WG	0.031	LAA	9	0	30	40	37	50	90
5A»	GAUNTLET	0.00	LAA	0	0	75	80	81	98	96
B»	FIRSTRATE 84WG	0.031	LAA	9						
C»	SPARTAN 4L	0.248	LAA	9						
6A»	GAUNTLET	0.00	LAA	0	0	99	98	98	98	99
B»	FIRSTRATE 84WG	0.031	LAA	9						
C»	SPARTAN 4L	0.248	LAA	9						
D	COMMAND 3ME	0.75	LAA	9						
7A	PURSUIT +	0.91	LAA	9	0	96	79	76	94	99
8A»	DOMAIN 60DF	0.60	LAA	9	0	98	93	91	67	96
9A»	BOUNDARY 7.8L	1.95	LAA	9	0	99	96	91	57	99
10A»	BOUNDARY 7.8L	1.56	LAA	9	0	97	94	89	50	98
11A»	BOUNDARY 7.8L	1.56	LAA	9	0	97	96	95	98	99
B»	GAUNTLET	0.00	LAA	0						
C»	FIRSTRATE 84WG	0.016	LAA	9						
D»	SPARTAN 4L	0.124	LAA	9						
12A»	BOUNDARY 7.8L	1.56	LAA	9	0	92	91	87	78	94
B»	CANOPY XL 56.3	0.07	LAA	0						
C»	AUTHORITY	0.058	LAA	9						
D	CLASSIC 25WG	0.012	LAA	9						
E»	AUTHORITY	0.094	LAA	9						
13A»	BOUNDARY 7.8L	1.95	LAA	9	0	98	96	94	83	99
B»	PYTHON 80WG	0.05	LAA	9						
14A	PROWL 3.3EC	1.24	LAA	9	0	88	79	73	72	92
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A»	VALOR 50WG	0.094	LAA	9	0	84	99	98	96	99
17A»	CANOPY XL 56.3	0.24	LAA	0	0	73	60	59	83	96
B»	AUTHORITY	0.20	LAA	9						
C	CLASSIC 25WG	0.04	LAA	9						
18A»	STEEL CP	0.97	LAA	9	0	98	80	78	77	97
LSD (0.05)					0.00	4.56	10.00	11.64	12.48	3.86
STANDARD DEVIATION					0.00	2.26	4.94	5.76	6.17	1.91

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/10/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/11/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
02	SETFA	CON %	06/11/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/11/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	DATST	CON %	06/11/2001	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	PHBPU	CON %	06/11/2001	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	06/11/2001	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	07/09/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/09/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ABUTH	CON %	07/09/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	DATST	CON %	07/09/2001	04	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	PHBPU	CON %	07/09/2001	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	CHEAL	CON %	07/09/2001	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB CX303RR