

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 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	05/16/01	AME
AIR TEMPERATURE	90	F
% REL.HUMIDITY	44	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
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	
*** PEST ***		
SOYBEAN	NA/01	
ASGROW 3701RR	0.00/0.00	IN
05/15/2001		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean 3105
CREATED: 05/11/2001 **REVISED:** 11/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMARE	IPOHE	DATST		
NUM	COMPONENT	RATE	UNIT	TM	BU/ACRE	CON %	CON %	CON %	CON %	CON %
					06/15/01	06/15/01	06/15/01	06/15/01	06/15/01	06/15/01
1A	COMMAND 3ME	0.75	LAA	9	0	99	99	99	0	99
2A»	COMMAND XTRA	0.00	LAA	0	0	99	99	99	99	99
B	COMMAND 3ME	0.60	LAA	9						
C»	SPARTAN 4L	0.30	LAA	9						
3A»	AUTHORITY	0.249	LAA	9	0	99	99	99	99	99
4A»	FIRSTRATE 84WG	0.031	LAA	9	0	37	99	99	82	99
5A»	GAUNTLET	0.00	LAA	0	0	99	99	99	99	99
B»	FIRSTRATE 84WG	0.031	LAA	9						
C»	SPARTAN 4L	0.248	LAA	9						
6A»	GAUNTLET	0.00	LAA	0	0	99	99	99	99	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	99	99	99	72	99
8A»	DOMAIN 60DF	0.60	LAA	9	0	99	99	99	0	99
9A»	DOMAIN 60DF	1.08	LAA	9	0	99	99	99	0	99
10A»	BOUNDARY 7.8L	1.95	LAA	9	0	99	99	99	0	99
11A»	BOUNDARY 7.8L	1.56	LAA	9	0	99	99	99	0	99
12A»	BOUNDARY 7.8L	1.56	LAA	9	0	99	99	99	99	99
B»	GAUNTLET	0.00	LAA	0						
C»	FIRSTRATE 84WG	0.016	LAA	9						
D»	SPARTAN 4L	0.124	LAA	9						
13A»	BOUNDARY 7.8L	1.56	LAA	9	0	99	99	99	99	99
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						
14A»	BOUNDARY 7.8L	1.95	LAA	9	0	99	99	99	65	99
B»	PYTHON 80WG	0.05	LAA	9						
15A»	DOMAIN 60DF	1.08	LAA	9	0	98	99	99	72	99
B»	PYTHON 80WG	0.05	LAA	9						
16A	PROWL 3.3EC	1.24	LAA	9	2	98	99	99	0	0
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A»	VALOR 50WG	0.094	LAA	9	18	99	99	99	99	99
19A»	VALOR 50WG	0.094	LAA	9	18	99	99	99	99	99
B	CLASSIC 25WG	0.04	LAA	9						
20A»	CANOPY XL 56.3	0.24	LAA	0	0	99	99	99	99	99
B»	AUTHORITY	0.20	LAA	9						
C	CLASSIC 25WG	0.04	LAA	9						
21A»	STEEL CP	0.97	LAA	9	0	99	99	99	99	99
22A	COMMAND 3ME	0.60	LAA	9	0	99	99	99	0	99
B»	BOUNDARY 7.8L	1.56	LAA	9						
LSD (0.05)					1.90	2.22	0.00	0.00	5.93	0.201
STANDARD DEVIATION					0.949	1.11	0.00	0.00	3.00	0.101

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean 3105
CREATED: 05/11/2001 **REVISED:** 11/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMARE	IPOHE	DATST	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	
1A	COMMAND 3ME	0.75	LAA	9	0	99	99	55	0	98
2A»	COMMAND XTRA	0.00	LAA	0	0	85	99	99	98	99
B	COMMAND 3ME	0.60	LAA	9						
C»	SPARTAN 4L	0.30	LAA	9						
3A»	AUTHORITY	0.249	LAA	9	0	75	99	99	98	98
4A»	FIRSTRATE 84WG	0.031	LAA	9	0	0	98	99	48	99
5A»	GAUNTLET	0.00	LAA	0	0	72	96	99	96	99
B»	FIRSTRATE 84WG	0.031	LAA	9						
C»	SPARTAN 4L	0.248	LAA	9						
6A»	GAUNTLET	0.00	LAA	0	0	92	99	99	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	90	96	99	57	98
8A»	DOMAIN 60DF	0.60	LAA	9	0	83	99	98	0	99
9A»	DOMAIN 60DF	1.08	LAA	9	0	95	98	99	0	93
10A»	BOUNDARY 7.8L	1.95	LAA	9	0	90	99	99	0	98
11A»	BOUNDARY 7.8L	1.56	LAA	9	0	96	99	99	0	98
12A»	BOUNDARY 7.8L	1.56	LAA	9	0	98	99	99	91	99
B»	GAUNTLET	0.00	LAA	0						
C»	FIRSTRATE 84WG	0.016	LAA	9						
D»	SPARTAN 4L	0.124	LAA	9						
13A»	BOUNDARY 7.8L	1.56	LAA	9	0	98	99	99	98	99
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						
14A»	BOUNDARY 7.8L	1.95	LAA	9	0	98	99	99	33	99
B»	PYTHON 80WG	0.05	LAA	9						
15A»	DOMAIN 60DF	1.08	LAA	9	0	82	99	99	47	99
B»	PYTHON 80WG	0.05	LAA	9						
16A	PROWL 3.3EC	1.24	LAA	9	0	85	99	98	0	0
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A»	VALOR 50WG	0.094	LAA	9	0	77	96	99	95	99
19A»	VALOR 50WG	0.094	LAA	9	0	73	99	99	99	99
B	CLASSIC 25WG	0.04	LAA	9						
20A»	CANOPY XL 56.3	0.24	LAA	0	0	93	99	99	96	99
B»	AUTHORITY	0.20	LAA	9						
C	CLASSIC 25WG	0.04	LAA	9						
21A»	STEEL CP	0.97	LAA	9	0	91	99	99	86	99
22A	COMMAND 3ME	0.60	LAA	9	0	99	96	98	0	93
B»	BOUNDARY 7.8L	1.56	LAA	9						
LSD (0.05)					0.00	10.69	3.47	4.86	8.54	4.87
STANDARD DEVIATION					0.00	5.35	1.73	2.43	4.27	2.43

DATA MEAN

TITLE: Soybean preemergence herbicides for weed control in RR Soybean 3105
CREATED: 05/11/2001 **REVISED:** 11/17/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA		
NUM	COMPONENT	RATE	UNIT	TM	CON %
					10/30/01
1A	COMMAND 3ME	0.75	LAA	9	49.7
2A»	COMMAND XTRA	0.00	LAA	0	48.6
B	COMMAND 3ME	0.60	LAA	9	
C»	SPARTAN 4L	0.30	LAA	9	
3A»	AUTHORITY	0.249	LAA	9	52.6
4A»	FIRSTRATE 84WG	0.031	LAA	9	46.7
5A»	GAUNTLET	0.00	LAA	0	58.7
B»	FIRSTRATE 84WG	0.031	LAA	9	
C»	SPARTAN 4L	0.248	LAA	9	
6A»	GAUNTLET	0.00	LAA	0	51.9
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	56.0
8A»	DOMAIN 60DF	0.60	LAA	9	57.1
9A»	DOMAIN 60DF	1.08	LAA	9	52.6
10A»	BOUNDARY 7.8L	1.95	LAA	9	50.3
11A»	BOUNDARY 7.8L	1.56	LAA	9	53.1
12A»	BOUNDARY 7.8L	1.56	LAA	9	50.4
B»	GAUNTLET	0.00	LAA	0	
C»	FIRSTRATE 84WG	0.016	LAA	9	
D»	SPARTAN 4L	0.124	LAA	9	
13A»	BOUNDARY 7.8L	1.56	LAA	9	48.8
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	
14A»	BOUNDARY 7.8L	1.95	LAA	9	55.5
B»	PYTHON 80WG	0.05	LAA	9	
15A»	DOMAIN 60DF	1.08	LAA	9	56.2
B»	PYTHON 80WG	0.05	LAA	9	
16A	PROWL 3.3EC	1.24	LAA	9	52.9
17A	CHECK	0.00	NA	0	38.6
18A»	VALOR 50WG	0.094	LAA	9	55.5
19A»	VALOR 50WG	0.094	LAA	9	53.1
B	CLASSIC 25WG	0.04	LAA	9	
20A»	CANOPY XL 56.3	0.24	LAA	0	54.9
B»	AUTHORITY	0.20	LAA	9	
C	CLASSIC 25WG	0.04	LAA	9	
21A»	STEEL CP	0.97	LAA	9	51.9
22A	COMMAND 3ME	0.60	LAA	9	53.7
B»	BOUNDARY 7.8L	1.56	LAA	9	
LSD (0.05)					8.30
STANDARD DEVIATION					4.15

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/16/2001(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	BU/ACRE	06/15/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/15/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/15/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMARE	CON %	06/15/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	IPOHE	CON %	06/15/2001	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	DATST	CON %	06/15/2001	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	07/20/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/20/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/20/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMARE	CON %	07/20/2001	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	IPOHE	CON %	07/20/2001	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	DATST	CON %	07/20/2001	06	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	GLXMA	CON %	10/30/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3701RR