

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/03/02	06/25/02	07/01/02	AME
AIR TEMPERATURE	88	80	96	F
% REL.HUMIDITY	48	68	82	
WIND DIRECTION	WEST	SOUTH	SOUTH	
WIND SPEED	7.0	6.0	4.0	M/H
CLOUD COVER	CLEAR	OVERCAST	CLEAR	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/DRY	
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	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
VELVETLEAF		MED/14 3.00/3.00		IN
LAMBSQUARTERS, C		MED/16 2.00/2.00		IN
JIMSONWEED		MED/14 2.00/2.00		IN
SOYBEAN ASGROW 3701RR 06/01/2002		---/15 7.00/7.00	---/16 9.00/9.00	IN
MORNINGGLORY, IV		MED/16 4.00/4.00		IN
SMARTWEED, PENNS		LOW/15 2.00/2.00		IN
FOXTAIL, GIANT		HGH/14 4.00/4.00	HGH/15 5.00/5.00	IN
SIDA, PRICKLY, T		MED/13 1.00/1.00		IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

CREATED: 05/02/2002 REVISED: 11/07/2002

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	CHEAL	SIDSP	IPOHE	ABUTH	DATST
NUM	COMPONENT	RATE	UNIT	TM	BU/A	CON %	CON %	CON %
					06/25/02	06/25/02	06/25/02	06/25/02
1A»	GAUNTLET	0.00	LAA	0	0	99	99	99
B»	FIRSTRATE 84WG	0.032	LAA	9				
C»	AUTHORITY	0.25	LAA	9				
D»	PENDIMAX 3.3L	1.24	LAA	9				
2A»	COMMAND XTRA	0.00	LAA	0	0	99	99	99
B	COMMAND 3ME	0.60	LAA	9				
C»	SPARTAN 4L	0.30	LAA	9				
3A	PURSUIT +	0.91	LAA	9	0	99	99	99
4A»	PENDIMAX 3.3L	1.24	LAA	9	0	99	99	99
B»	FIRSTRATE 84WG	0.016	LAA	12				
C»	FLEXSTAR 1.88M	0.18	LAA	12				
D	SELECT (2EC)	0.094	LAA	12				
E»	ACTIVATOR 90	0.125	PMV	12				
F	28% UAN	2.50	PMV	12				
5A»	PYTHON 80WG	0.05	LAA	9	0	99	99	99
B»	PENDIMAX 3.3L	1.24	LAA	9				
C»	FIRSTRATE 84WG	0.016	LAA	12				
D	SELECT (2EC)	0.094	LAA	12				
E»	ACTIVATOR 90	0.125	PMV	12				
F	28% UAN	2.50	PMV	12				
6A	PROWL 3.3EC	1.24	LAA	9	0	96	99	99
B»	RAPTOR 1AS	0.031	LAA	12				
C»	ULTRA BLAZER	0.188	LAA	12				
D»	MSO	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				
7A	PROWL 3.3EC	1.24	LAA	9	0	95	96	99
B»	RAPTOR 1AS	0.031	LAA	12				
C»	FIRSTRATE 84WG	0.016	LAA	12				
D»	ULTRA BLAZER	0.188	LAA	12				
E»	MSO	1.00	PMV	12				
F	28% UAN	2.50	PMV	12				
8A	PROWL 3.3EC	1.24	LAA	9	0	99	96	99
B»	RAPTOR 1AS	0.031	LAA	12				
C»	FIRSTRATE 84WG	0.016	LAA	12				
D»	MSO	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				
9A»	VALOR 51WDG	0.05	LAA	9	0	96	96	99
B»	PHOENIX 2EC	0.156	LAA	12				
C	SELECT (2EC)	0.125	LAA	12				
D»	ACTIVATOR 90	0.25	PMV	12				
E	28% UAN	2.50	PMV	12				
10A»	AUTHORITY	0.188	LAA	9	0	95	99	99
B	CLASSIC 25WG	0.008	LAA	12				
C	ASSURE II (0.8	0.034	LAA	12				
D»	ACTIVATOR 90	0.125	PMV	12				
11A	PURSUIT DG (70	0.063	LAA	9	0	96	99	99
B»	ULTRA BLAZER	0.25	LAA	12				
C	POAST + 1EC	0.20	LAA	12				
D»	COC	1.00	PMV	12				
12A»	DUAL II MAGNUM	0.96	LAA	9	0	94	99	99
B»	FLEXSTAR 1.88M	0.235	LAA	12				
C	FUSION	0.167	LAA	12				
D»	COC	1.00	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	0

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE	GLXMA	CHEAL	SIDSP	IPOHE	ABUTH	DATST
NUM	COMPONENT	RATE	UNIT	TM	06/25/02	06/25/02	06/25/02	06/25/02
14A	BOUNDARY 6.5EC	1.22	LAA	9	0	98	99	0
B	FLEXSTAR 1.88M	0.294	LAA	12				99
C	FUSION	0.167	LAA	12				
D	MISO	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				
15A	BOUNDARY 6.5EC	1.63	LAA	9	0	99	99	0
B	FLEXSTAR 1.88M	0.294	LAA	12				99
C	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
16A	DOMAIN 60DF	0.375	LAA	9	0	91	99	0
B	RAPTOR 1AS	0.031	LAA	12				99
C	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
17A	DOMAIN 60DF	0.375	LAA	9	0	99	99	0
B	SELECT (2EC)	0.094	LAA	12				99
C	COBRA 2EC	0.094	LAA	12				
D	COC	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				
18A	FIRSTRATE 84WG	0.016	LAA	12	0			
B	FLEXSTAR 1.88M	0.18	LAA	12				
C	SELECT (2EC)	0.094	LAA	12				
D	ACTIVATOR 90	0.125	PMV	12				
E	28% UAN	2.50	PMV	12				
19A	FIRSTRATE 84WG	0.016	LAA	12	0			
B	PHOENIX 2EC	0.125	LAA	12				
C	SELECT (2EC)	0.094	LAA	12				
D	ACTIVATOR 90	0.125	PMV	12				
E	28% UAN	2.50	PMV	12				
20A	FLEXSTAR 1.88M	0.294	LAA	12	0			
B	FUSION	0.21	LAA	12				
C	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
21A	SELECT (2EC)	0.094	LAA	12	0			
B	COBRA 2EC	0.125	LAA	12				
C	COC	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
22A	RAPTOR 1AS	0.039	LAA	12	0			
B	MISO	1.00	PMV	12				
C	28% UAN	2.50	PMV	12				
23A	RAPTOR 1AS	0.031	LAA	12	0			
B	ULTRA BLAZER	0.188	LAA	12				
C	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
24A	PHOENIX 2EC	0.20	LAA	12	0			
B	FIRSTRATE 84WG	0.016	LAA	12				
C	SELECT (2EC)	0.125	LAA	12				
D	ACTIVATOR 90	0.25	PMV	12				
25A	PHOENIX 2EC	0.20	LAA	12	0			
B	FIRSTRATE 84WG	0.016	LAA	12				
C	SELECT (2EC)	0.125	LAA	12				
D	ACTIVATOR 90	0.25	PMV	12				
E	LIQUID AMS	3.67	PMV	12				
26A	FLEXSTAR 1.88M	0.19	LAA	12	0			
B	FIRSTRATE 84WG	0.016	LAA	12				
C	SELECT (2EC)	0.125	LAA	12				
D	COC	0.63	PMV	12				
E	LIQUID AMS	3.67	PMV	12				

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TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE		GLXMA	CHEAL	SIDSP	IPOHE	ABUTH	DATST
NUM	COMPONENT	RATE	UNIT	TM	BU/A	CON %	CON %	CON %	CON %
					06/25/02	06/25/02	06/25/02	06/25/02	06/25/02
27A»	PHOENIX 2EC	0.15	LAA	12	0				
B»	FIRSTRATE 84WG	0.016	LAA	12					
C»	ACTIVATOR 90	0.25	PMV	12					
D	SELECT (2EC)	0.125	LAA	13					
E»	COC	1.25	PMV	13					
28A»	PHOENIX 2EC	0.15	LAA	12	0				
B»	FIRSTRATE 84WG	0.016	LAA	12					
C»	ACTIVATOR 90	0.25	PMV	12					
D»	LIQUID AMS	3.67	PMV	12					
E	SELECT (2EC)	0.125	LAA	13					
F»	COC	1.25	PMV	13					
29A»	FIRSTRATE 84WG	0.016	LAA	12	0				
B»	COC	0.63	PMV	12					
C»	LIQUID AMS	3.67	PMV	12					
D	SELECT (2EC)	0.125	LAA	13					
E»	COC	1.25	PMV	13					
30A»	FLEXSTAR 1.88M	0.19	LAA	12	0				
B»	FIRSTRATE 84WG	0.016	LAA	12					
C»	COC	0.63	PMV	12					
D»	LIQUID AMS	3.67	PMV	12					
E	SELECT (2EC)	0.125	LAA	13					
F»	COC	1.25	PMV	13					
		LSD (0.05)			0.00	5.27	2.63	3.69	0.00
		STANDARD DEVIATION			0.00	2.64	1.31	1.85	0.00

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

CREATED: 05/02/2002 REVISED: 11/07/2002

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		POLPY	SETFA	GLXMA	SETFA	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/25/02	06/25/02	07/08/02	07/08/02	07/08/02
1A	»GAUNTLET	0.00	LAA	0	99	97	0	89	99
B	»FIRSTRATE 84WG	0.032	LAA	9					
C	»AUTHORITY	0.25	LAA	9					
D	»PENDIMAX 3.3L	1.24	LAA	9					
2A	»COMMAND XTRA	0.00	LAA	0	99	98	0	93	99
B	COMMAND 3ME	0.60	LAA	9					
C	»SPARTAN 4L	0.30	LAA	9					
3A	PURSUIT +	0.91	LAA	9	99	95	0	88	99
4A	»PENDIMAX 3.3L	1.24	LAA	9	99	88	7	96	99
B	»FIRSTRATE 84WG	0.016	LAA	12					
C	»FLEXSTAR 1.88M	0.18	LAA	12					
D	SELECT (2EC)	0.094	LAA	12					
E	»ACTIVATOR 90	0.125	PMV	12					
F	28% UAN	2.50	PMV	12					
5A	»PYTHON 80WG	0.05	LAA	9	99	93	0	96	99
B	»PENDIMAX 3.3L	1.24	LAA	9					
C	»FIRSTRATE 84WG	0.016	LAA	12					
D	SELECT (2EC)	0.094	LAA	12					
E	»ACTIVATOR 90	0.125	PMV	12					
F	28% UAN	2.50	PMV	12					
6A	PROWL 3.3EC	1.24	LAA	9	96	88	13	96	99
B	»RAPTOR 1AS	0.031	LAA	12					
C	»ULTRA BLAZER	0.188	LAA	12					
D	»MSO	1.00	PMV	12					
E	28% UAN	2.50	PMV	12					
7A	PROWL 3.3EC	1.24	LAA	9	99	83	15	95	99
B	»RAPTOR 1AS	0.031	LAA	12					
C	»FIRSTRATE 84WG	0.016	LAA	12					
D	»ULTRA BLAZER	0.188	LAA	12					
E	»MSO	1.00	PMV	12					
F	28% UAN	2.50	PMV	12					
8A	PROWL 3.3EC	1.24	LAA	9	99	58	12	96	99
B	»RAPTOR 1AS	0.031	LAA	12					
C	»FIRSTRATE 84WG	0.016	LAA	12					
D	»MSO	1.00	PMV	12					
E	28% UAN	2.50	PMV	12					
9A	»VALOR 51WDG	0.05	LAA	9	99	77	17	98	99
B	»PHOENIX 2EC	0.156	LAA	12					
C	SELECT (2EC)	0.125	LAA	12					
D	»ACTIVATOR 90	0.25	PMV	12					
E	28% UAN	2.50	PMV	12					
10A	»AUTHORITY	0.188	LAA	9	99	92	0	98	99
B	CLASSIC 25WG	0.008	LAA	12					
C	ASSURE II (0.8	0.034	LAA	12					
D	»ACTIVATOR 90	0.125	PMV	12					
11A	PURSUIT DG (70	0.063	LAA	9	99	93	5	99	99
B	»ULTRA BLAZER	0.25	LAA	12					
C	POAST + 1EC	0.20	LAA	12					
D	»COC	1.00	PMV	12					
12A	»DUAL II MAGNUM	0.96	LAA	9	99	92	5	98	99
B	»FLEXSTAR 1.88M	0.235	LAA	12					
C	FUSION	0.167	LAA	12					
D	»COC	1.00	PMV	12					
13A	CHECK	0.00	NA	0	0	0	0	0	0

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE	POLPY	SETFA	GLXMA	SETFA	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/25/02	06/25/02	07/08/02	07/08/02
14A»	BOUNDARY 6.5EC	1.22	LAA	9	99	96	8	98
B»	FLEXSTAR 1.88M	0.294	LAA	12				99
C	FUSION	0.167	LAA	12				
D»	MISO	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				
15A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	8	98
B»	FLEXSTAR 1.88M	0.294	LAA	12				99
C»	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
16A»	DOMAIN 60DF	0.375	LAA	9	99	89	0	97
B»	RAPTOR 1AS	0.031	LAA	12				99
C»	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
17A»	DOMAIN 60DF	0.375	LAA	9	99	92	12	98
B	SELECT (2EC)	0.094	LAA	12				99
C	COBRA 2EC	0.094	LAA	12				
D»	COC	1.00	PMV	12				
E	28% UAN	2.50	PMV	12				96
18A»	FIRSTRATE 84WG	0.016	LAA	12			5	96
B»	FLEXSTAR 1.88M	0.18	LAA	12				99
C	SELECT (2EC)	0.094	LAA	12				
D»	ACTIVATOR 90	0.125	PMV	12				
E	28% UAN	2.50	PMV	12				91
19A»	FIRSTRATE 84WG	0.016	LAA	12			10	92
B»	PHOENIX 2EC	0.125	LAA	12				99
C	SELECT (2EC)	0.094	LAA	12				
D»	ACTIVATOR 90	0.125	PMV	12				
E	28% UAN	2.50	PMV	12				88
20A»	FLEXSTAR 1.88M	0.294	LAA	12			10	97
B	FUSION	0.21	LAA	12				99
C»	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				
21A	SELECT (2EC)	0.094	LAA	12			10	96
B	COBRA 2EC	0.125	LAA	12				99
C»	COC	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				84
22A»	RAPTOR 1AS	0.039	LAA	12			10	88
B»	MISO	1.00	PMV	12				99
C	28% UAN	2.50	PMV	12				
23A»	RAPTOR 1AS	0.031	LAA	12			12	93
B»	ULTRA BLAZER	0.188	LAA	12				99
C»	MISO	1.00	PMV	12				
D	28% UAN	2.50	PMV	12				90
24A»	PHOENIX 2EC	0.20	LAA	12			13	92
B»	FIRSTRATE 84WG	0.016	LAA	12				99
C	SELECT (2EC)	0.125	LAA	12				
D»	ACTIVATOR 90	0.25	PMV	12				90
25A»	PHOENIX 2EC	0.20	LAA	12			13	92
B»	FIRSTRATE 84WG	0.016	LAA	12				99
C	SELECT (2EC)	0.125	LAA	12				
D»	ACTIVATOR 90	0.25	PMV	12				
E»	LIQUID AMS	3.67	PMV	12				98
26A»	FLEXSTAR 1.88M	0.19	LAA	12			5	98
B»	FIRSTRATE 84WG	0.016	LAA	12				99
C	SELECT (2EC)	0.125	LAA	12				
D»	COC	0.63	PMV	12				
E»	LIQUID AMS	3.67	PMV	12				87

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TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE		POLPY	SETFA	GLXMA	SETFA	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/25/02	06/25/02	07/08/02	07/08/02	07/08/02
27A»	PHOENIX 2EC	0.15	LAA	12			13	75	99
B»	FIRSTRATE 84WG	0.016	LAA	12					86
C»	ACTIVATOR 90	0.25	PMV	12					
D	SELECT (2EC)	0.125	LAA	13					
E»	COC	1.25	PMV	13					
28A»	PHOENIX 2EC	0.15	LAA	12			15	75	99
B»	FIRSTRATE 84WG	0.016	LAA	12					98
C»	ACTIVATOR 90	0.25	PMV	12					
D»	LIQUID AMS	3.67	PMV	12					
E	SELECT (2EC)	0.125	LAA	13					
F»	COC	1.25	PMV	13					
29A»	FIRSTRATE 84WG	0.016	LAA	12			0	73	99
B»	COC	0.63	PMV	12					83
C»	LIQUID AMS	3.67	PMV	12					
D	SELECT (2EC)	0.125	LAA	13					
E»	COC	1.25	PMV	13					
30A»	FLEXSTAR 1.88M	0.19	LAA	12			2	83	99
B»	FIRSTRATE 84WG	0.016	LAA	12					91
C»	COC	0.63	PMV	12					
D»	LIQUID AMS	3.67	PMV	12					
E	SELECT (2EC)	0.125	LAA	13					
F»	COC	1.25	PMV	13					
LSD (0.05)					1.58	16.59	3.54	7.30	0.00
STANDARD DEVIATION					0.788	8.29	1.77	3.65	0.00
									15.18
									7.59

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TITLE: Weed Control Systems in Soybean - 2405

CREATED: 05/02/2002 REVISED: 11/07/2002

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		IPOHE	DATST	GLXMA	SETFA	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/08/02	07/08/02	07/24/02	07/24/02	07/24/02	07/24/02
1A»	GAUNTLET	0.00	LAA 0	95	98	0	85	99	99
B»	FIRSTRATE 84WG	0.032	LAA 9						
C»	AUTHORITY	0.25	LAA 9						
D»	PENDIMAX 3.3L	1.24	LAA 9						
2A»	COMMAND XTRA	0.00	LAA 0	99	98	0	92	99	99
B	COMMAND 3ME	0.60	LAA 9						
C»	SPARTAN 4L	0.30	LAA 9						
3A	PURSUIT +	0.91	LAA 9	70	99	0	92	96	91
4A»	PENDIMAX 3.3L	1.24	LAA 9	98	99	0	98	99	98
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	FLEXSTAR 1.88M	0.18	LAA 12						
D	SELECT (2EC)	0.094	LAA 12						
E»	ACTIVATOR 90	0.125	PMV 12						
F	28% UAN	2.50	PMV 12						
5A»	PYTHON 80WG	0.05	LAA 9	93	99	0	97	99	99
B»	PENDIMAX 3.3L	1.24	LAA 9						
C»	FIRSTRATE 84WG	0.016	LAA 12						
D	SELECT (2EC)	0.094	LAA 12						
E»	ACTIVATOR 90	0.125	PMV 12						
F	28% UAN	2.50	PMV 12						
6A	PROWL 3.3EC	1.24	LAA 9	99	99	0	90	99	96
B»	RAPTOR 1AS	0.031	LAA 12						
C»	ULTRA BLAZER	0.188	LAA 12						
D»	MSO	1.00	PMV 12						
E	28% UAN	2.50	PMV 12						
7A	PROWL 3.3EC	1.24	LAA 9	98	99	0	82	98	91
B»	RAPTOR 1AS	0.031	LAA 12						
C»	FIRSTRATE 84WG	0.016	LAA 12						
D»	ULTRA BLAZER	0.188	LAA 12						
E»	MSO	1.00	PMV 12						
F	28% UAN	2.50	PMV 12						
8A	PROWL 3.3EC	1.24	LAA 9	96	99	0	95	99	99
B»	RAPTOR 1AS	0.031	LAA 12						
C»	FIRSTRATE 84WG	0.016	LAA 12						
D»	MSO	1.00	PMV 12						
E	28% UAN	2.50	PMV 12						
9A»	VALOR 51WDG	0.05	LAA 9	91	99	0	91	99	70
B»	PHOENIX 2EC	0.156	LAA 12						
C	SELECT (2EC)	0.125	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E	28% UAN	2.50	PMV 12						
10A»	AUTHORITY	0.188	LAA 9	99	99	0	96	98	96
B	CLASSIC 25WG	0.008	LAA 12						
C	ASSURE II (0.8	0.034	LAA 12						
D»	ACTIVATOR 90	0.125	PMV 12						
11A	PURSUIT DG (70	0.063	LAA 9	96	99	0	96	98	95
B»	ULTRA BLAZER	0.25	LAA 12						
C	POAST + 1EC	0.20	LAA 12						
D»	COC	1.00	PMV 12						
12A»	DUAL II MAGNUM	0.96	LAA 9	99	99	0	98	99	80
B»	FLEXSTAR 1.88M	0.235	LAA 12						
C	FUSION	0.167	LAA 12						
D»	COC	1.00	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE	IPOHE	DATST	GLXMA	SETFA	ABUTH	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					07/08/02	07/08/02	07/24/02	07/24/02		
14A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	0	95	99	98
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C	FUSION	0.167	LAA	12						
D»	MISO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
15A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	0	96	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C»	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
16A»	DOMAIN 60DF	0.375	LAA	9	77	99	0	95	99	93
B»	RAPTOR 1AS	0.031	LAA	12						
C»	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
17A»	DOMAIN 60DF	0.375	LAA	9	90	99	0	93	99	85
B	SELECT (2EC)	0.094	LAA	12						
C	COBRA 2EC	0.094	LAA	12						
D»	COC	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
18A»	FIRSTRATE 84WG	0.016	LAA	12	98	99	0	81	99	68
B»	FLEXSTAR 1.88M	0.18	LAA	12						
C	SELECT (2EC)	0.094	LAA	12						
D»	ACTIVATOR 90	0.125	PMV	12						
E	28% UAN	2.50	PMV	12						
19A»	FIRSTRATE 84WG	0.016	LAA	12	98	99	0	87	99	68
B»	PHOENIX 2EC	0.125	LAA	12						
C	SELECT (2EC)	0.094	LAA	12						
D»	ACTIVATOR 90	0.125	PMV	12						
E	28% UAN	2.50	PMV	12						
20A»	FLEXSTAR 1.88M	0.294	LAA	12	98	99	0	95	99	73
B	FUSION	0.21	LAA	12						
C»	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
21A	SELECT (2EC)	0.094	LAA	12	82	99	0	99	98	63
B	COBRA 2EC	0.125	LAA	12						
C»	COC	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
22A»	RAPTOR 1AS	0.039	LAA	12	82	99	0	95	99	91
B»	MISO	1.00	PMV	12						
C	28% UAN	2.50	PMV	12						
23A»	RAPTOR 1AS	0.031	LAA	12	96	99	0	70	98	73
B»	ULTRA BLAZER	0.188	LAA	12						
C»	MISO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
24A»	PHOENIX 2EC	0.20	LAA	12	95	99	0	92	99	67
B»	FIRSTRATE 84WG	0.016	LAA	12						
C	SELECT (2EC)	0.125	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
25A»	PHOENIX 2EC	0.20	LAA	12	96	99	0	93	99	72
B»	FIRSTRATE 84WG	0.016	LAA	12						
C	SELECT (2EC)	0.125	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	3.67	PMV	12						
26A»	FLEXSTAR 1.88M	0.19	LAA	12	96	99	0	95	99	65
B»	FIRSTRATE 84WG	0.016	LAA	12						
C	SELECT (2EC)	0.125	LAA	12						
D»	COC	0.63	PMV	12						
E»	LIQUID AMS	3.67	PMV	12						

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE		IPOHE	DATST	GLXMA	SETFA	ABUTH	CHEAL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/08/02	07/08/02	07/24/02	07/24/02	07/24/02	07/24/02
27A»	PHOENIX 2EC	0.15	LAA 12	93	99	0	98	99	63
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D	SELECT (2EC)	0.125	LAA 13						
E»	COC	1.25	PMV 13						
28A»	PHOENIX 2EC	0.15	LAA 12	96	99	0	96	99	67
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D»	LIQUID AMS	3.67	PMV 12						
E	SELECT (2EC)	0.125	LAA 13						
F»	COC	1.25	PMV 13						
29A»	FIRSTRATE 84WG	0.016	LAA 12	77	99	0	95	99	58
B»	COC	0.63	PMV 12						
C»	LIQUID AMS	3.67	PMV 12						
D	SELECT (2EC)	0.125	LAA 13						
E»	COC	1.25	PMV 13						
30A»	FLEXSTAR 1.88M	0.19	LAA 12	88	99	0	96	99	75
B»	FIRSTRATE 84WG	0.016	LAA 12						
C»	COC	0.63	PMV 12						
D»	LIQUID AMS	3.67	PMV 12						
E	SELECT (2EC)	0.125	LAA 13						
F»	COC	1.25	PMV 13						
LSD (0.05)				9.77	1.00	0.00	8.00	2.19	9.40
STANDARD DEVIATION				4.89	0.486	0.00	4.00	1.09	4.70

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

CREATED: 05/02/2002 REVISED: 11/07/2002

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	SIDSP	POLPY	DATST	IPOHE	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/24/02	07/24/02	07/24/02
							10/10/02
1A»	GAUNTLET	0.00	LAA	0	99	99	96
	B»FIRSTRATE 84WG	0.032	LAA	9			95
	C»AUTHORITY	0.25	LAA	9			56.6
	D»PENDIMAX 3.3L	1.24	LAA	9			
2A»	COMMAND XTRA	0.00	LAA	0	92	96	96
	B COMMAND 3ME	0.60	LAA	9			88
	C»SPARTAN 4L	0.30	LAA	9			58.3
3A	PURSUIT +	0.91	LAA	9	99	96	99
							53
							53.6
4A»	PENDIMAX 3.3L	1.24	LAA	9	91	99	99
	B»FIRSTRATE 84WG	0.016	LAA	12			93
	C»FLEXSTAR 1.88M	0.18	LAA	12			52.6
	D SELECT (2EC)	0.094	LAA	12			
	E»ACTIVATOR 90	0.125	PMV	12			
	F 28% UAN	2.50	PMV	12			
5A»	PYTHON 80WG	0.05	LAA	9	99	99	99
	B»PENDIMAX 3.3L	1.24	LAA	9			99
	C»FIRSTRATE 84WG	0.016	LAA	12			49.5
	D SELECT (2EC)	0.094	LAA	12			
	E»ACTIVATOR 90	0.125	PMV	12			
	F 28% UAN	2.50	PMV	12			
6A	PROWL 3.3EC	1.24	LAA	9	99	98	99
	B»RAPTOR 1AS	0.031	LAA	12			82
	C»ULTRA BLAZER	0.188	LAA	12			54.4
	D»MSO	1.00	PMV	12			
	E 28% UAN	2.50	PMV	12			
7A	PROWL 3.3EC	1.24	LAA	9	99	99	99
	B»RAPTOR 1AS	0.031	LAA	12			90
	C»FIRSTRATE 84WG	0.016	LAA	12			46.1
	D»ULTRA BLAZER	0.188	LAA	12			
	E»MSO	1.00	PMV	12			
	F 28% UAN	2.50	PMV	12			
8A	PROWL 3.3EC	1.24	LAA	9	96	99	99
	B»RAPTOR 1AS	0.031	LAA	12			92
	C»FIRSTRATE 84WG	0.016	LAA	12			54.7
	D»MSO	1.00	PMV	12			
	E 28% UAN	2.50	PMV	12			
9A»	VALOR 51WDG	0.05	LAA	9	99	99	99
	B»PHOENIX 2EC	0.156	LAA	12			88
	C SELECT (2EC)	0.125	LAA	12			46.4
	D»ACTIVATOR 90	0.25	PMV	12			
	E 28% UAN	2.50	PMV	12			
10A»	AUTHORITY	0.188	LAA	9	98	99	99
	B CLASSIC 25WG	0.008	LAA	12			98
	C ASSURE II (0.8	0.034	LAA	12			54.6
	D»ACTIVATOR 90	0.125	PMV	12			
11A	PURSUIT DG (70	0.063	LAA	9	96	99	99
	B»ULTRA BLAZER	0.25	LAA	12			85
	C POAST + 1EC	0.20	LAA	12			47.6
	D»COC	1.00	PMV	12			
12A»	DUAL II MAGNUM	0.96	LAA	9	82	99	99
	B»FLEXSTAR 1.88M	0.235	LAA	12			96
	C FUSION	0.167	LAA	12			49.7
	D»COC	1.00	PMV	12			
13A	CHECK	0.00	NA	0	0	0	0
							39.1

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE	SIDSP	POLPY	DATST	IPOHE	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/24/02	07/24/02	10/10/02
14A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	12			98
C	FUSION	0.167	LAA	12			50.1
D»	MISO	1.00	PMV	12			
E	28% UAN	2.50	PMV	12			
15A»	BOUNDARY 6.5EC	1.63	LAA	9	98	99	99
B»	FLEXSTAR 1.88M	0.294	LAA	12			92
C»	MISO	1.00	PMV	12			48.0
D	28% UAN	2.50	PMV	12			
16A»	DOMAIN 60DF	0.375	LAA	9	98	99	99
B»	RAPTOR 1AS	0.031	LAA	12			78
C»	MISO	1.00	PMV	12			48.6
D	28% UAN	2.50	PMV	12			
17A»	DOMAIN 60DF	0.375	LAA	9	99	96	99
B	SELECT (2EC)	0.094	LAA	12			78
C	COBRA 2EC	0.094	LAA	12			46.0
D»	COC	1.00	PMV	12			
E	28% UAN	2.50	PMV	12			
18A»	FIRSTRATE 84WG	0.016	LAA	12	85	99	99
B»	FLEXSTAR 1.88M	0.18	LAA	12			96
C	SELECT (2EC)	0.094	LAA	12			45.0
D»	ACTIVATOR 90	0.125	PMV	12			
E	28% UAN	2.50	PMV	12			
19A»	FIRSTRATE 84WG	0.016	LAA	12	99	99	99
B»	PHOENIX 2EC	0.125	LAA	12			98
C	SELECT (2EC)	0.094	LAA	12			41.3
D»	ACTIVATOR 90	0.125	PMV	12			
E	28% UAN	2.50	PMV	12			
20A»	FLEXSTAR 1.88M	0.294	LAA	12	96	99	99
B	FUSION	0.21	LAA	12			93
C»	MISO	1.00	PMV	12			53.7
D	28% UAN	2.50	PMV	12			
21A	SELECT (2EC)	0.094	LAA	12	99	88	99
B	COBRA 2EC	0.125	LAA	12			82
C»	COC	1.00	PMV	12			43.6
D	28% UAN	2.50	PMV	12			
22A»	RAPTOR 1AS	0.039	LAA	12	73	86	99
B»	MISO	1.00	PMV	12			65
C	28% UAN	2.50	PMV	12			49.6
23A»	RAPTOR 1AS	0.031	LAA	12	80	99	99
B»	ULTRA BLAZER	0.188	LAA	12			87
C»	MISO	1.00	PMV	12			45.6
D	28% UAN	2.50	PMV	12			
24A»	PHOENIX 2EC	0.20	LAA	12	99	99	99
B»	FIRSTRATE 84WG	0.016	LAA	12			92
C	SELECT (2EC)	0.125	LAA	12			46.2
D»	ACTIVATOR 90	0.25	PMV	12			
25A»	PHOENIX 2EC	0.20	LAA	12	98	99	99
B»	FIRSTRATE 84WG	0.016	LAA	12			92
C	SELECT (2EC)	0.125	LAA	12			47.7
D»	ACTIVATOR 90	0.25	PMV	12			
E»	LIQUID AMS	3.67	PMV	12			
26A»	FLEXSTAR 1.88M	0.19	LAA	12	88	99	99
B»	FIRSTRATE 84WG	0.016	LAA	12			90
C	SELECT (2EC)	0.125	LAA	12			49.6
D»	COC	0.63	PMV	12			
E»	LIQUID AMS	3.67	PMV	12			

DATA MEAN

TITLE: Weed Control Systems in Soybean - 2405

TRT	TREATMENT	DOSAGE	SIDSP	POLPY	DATST	IPOHE	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/24/02	07/24/02	07/24/02
							10/10/02
27A»	PHOENIX 2EC	0.15	LAA	12	99	99	95
	B»FIRSTRATE 84WG	0.016	LAA	12			46.0
	C»ACTIVATOR 90	0.25	PMV	12			
	D SELECT (2EC)	0.125	LAA	13			
	E»COC	1.25	PMV	13			
28A»	PHOENIX 2EC	0.15	LAA	12	96	99	95
	B»FIRSTRATE 84WG	0.016	LAA	12			47.5
	C»ACTIVATOR 90	0.25	PMV	12			
	D»LIQUID AMS	3.67	PMV	12			
	E SELECT (2EC)	0.125	LAA	13			
	F»COC	1.25	PMV	13			
29A»	FIRSTRATE 84WG	0.016	LAA	12	65	99	95
	B»COC	0.63	PMV	12			48.3
	C»LIQUID AMS	3.67	PMV	12			
	D SELECT (2EC)	0.125	LAA	13			
	E»COC	1.25	PMV	13			
30A»	FLEXSTAR 1.88M	0.19	LAA	12	75	99	93
	B»FIRSTRATE 84WG	0.016	LAA	12			50.2
	C»COC	0.63	PMV	12			
	D»LIQUID AMS	3.67	PMV	12			
	E SELECT (2EC)	0.125	LAA	13			
	F»COC	1.25	PMV	13			
	LSD (0.05)				8.49	9.47	2.19
	STANDARD DEVIATION				4.24	4.74	1.09
						9.11	7.75
						4.56	3.87

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/03/2002(1)
 12 = ----- / POST 06/25/2002(2)
 13 = ----- / LPOST 07/01/2002(3)

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/A	06/25/2002	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	06/25/2002	04	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	SIDSP	CON %	06/25/2002	05	P	SIDSP	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	IPOHE	CON %	06/25/2002	08	P	IPOHE	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/25/2002	03	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	DATST	CON %	06/25/2002	07	P	DATST	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	POLPY	CON %	06/25/2002	06	P	POLPY	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	06/25/2002	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	GLXMA	CON %	07/08/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	SETFA	CON %	07/08/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ABUTH	CON %	07/08/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	CHEAL	CON %	07/08/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	IPOHE	CON %	07/08/2002	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	DATST	CON %	07/08/2002	07	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	GLXMA	CON %	07/24/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	SETFA	CON %	07/24/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
17	ABUTH	CON %	07/24/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	CHEAL	CON %	07/24/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	SIDSP	CON %	07/24/2002	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
20	POLPY	CON %	07/24/2002	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
21	DATST	CON %	07/24/2002	07	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
22	IPOHE	CON %	07/24/2002	08	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
23	GLXMA	CON %	10/10/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3701RR

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

DATA MEAN

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED