

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
PH: 6.1
%OM: 1.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 80
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/02/02	06/25/02	AME
AIR TEMPERATURE	51	80	F
% REL.HUMIDITY	56	68	
WIND DIRECTION	NORTHWEST	SOUTH	
WIND SPEED	7.0	6.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	
DEW	DRY	DRY	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	FRIABLE	COMPACT	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF	HGH/10 0.50/0.50	HGH/16 10.0/10.0	IN
LAMBSQUARTERS, C	MED/16 1.50/1.50	MED/19 10.0/10.0	IN
JIMSONWEED	MED/10 1.00/1.00	MED/16 12.0/12.0	IN
HORSEWEED	MED/19 4.00/4.00	MED/19 3.00/3.00	IN
SOYBEAN DK 3651RR 06/01/2002		---/14 7.00/7.00	IN
MORNINGGLORY, IV	NA/01 /	HGH/14 4.00/4.00	IN
FOXTAIL, GIANT	HGH/12 0.75/0.75	HGH/16 11.0/11.0	IN

* TIMING CODES

05 = ----- / EPP 15DBP
12 = ----- / POST

* STAGE CODE

01 = SEED IMBIBITION; BUD SWELL STARTING
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

CREATED: 04/15/2002 REVISED: 07/31/2002

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		SETFA	CHEAL	ABUTH	ERICA	DATST	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/03/02	06/03/02	06/03/02	06/03/02	06/25/02
1A»	TOUCHDOWN 3L	0.56	LAA	5	47	96	0	99	0
B»	LIQUID AMS	2.50	PMV	5					
C»	TOUCHDOWN 3L	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
2A»	RNDUP ULTRA MA	0.56	LAA	5	47	96	0	99	0
B»	LIQUID AMS	2.50	PMV	5					
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
3A»	EXTREME 2.17L	0.81	LAA	5	70	99	72	99	0
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
4A»	BACKDRAFT SL 1	0.84	LAA	5	77	99	80	99	0
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A»	RNDUP ULTRA MA	0.56	LAA	5	52	99	75	99	0
B»	AMPLIFY 84WG	0.032	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
7A»	RNDUP ULTRA MA	0.56	LAA	5	48	99	70	99	0
B»	AMPLIFY 84WG	0.016	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
8A»	RNDUP ULTRA MA	0.56	LAA	5	73	99	57	99	0
B	PROWL 3.3EC	1.24	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
9A»	RNDUP ULTRA MA	0.56	LAA	5	91	99	92	99	0
B»	STEEL CP	0.97	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
10A»	RNDUP ULTRA MA	0.56	LAA	5	90	99	90	99	0
B»	VALOR 51WDG	0.063	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
11A»	RNDUP ULTRA MA	0.56	LAA	5	95	99	99	99	0
B»	VALOR 51WDG	0.078	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
12A»	RNDUP ULTRA MA	0.56	LAA	5	67	99	70	99	0
B»	SPARTAN 4L	0.14	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

TRT	TREATMENT	DOSAGE	SETFA	CHEAL	ABUTH	ERICA	DATST	GLXMA		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/03/02	06/03/02	06/03/02	06/03/02		
								06/25/02		
13A»	RNDUP ULTRA MA	0.56	LAA	5	86	99	80	99	96	0
	B»DOMAIN 60DF	0.45	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
14A»	GRAMOX MAX 3SL	0.64	LAA	5	83	99	70	99	85	0
	B»BOUNDARY 6.5EC	1.22	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»TOUCHDOWN 3L	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	TOUCHDOWN 3L	0.56	LAA	5	88	99	75	99	96	0
	B»BOUNDARY 6.5EC	1.22	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»TOUCHDOWN 3L	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
16A»	GLYPHOMAX PLUS	0.56	LAA	5	73	99	75	99	99	0
	B»PYTHON 80WG	0.04	LAA	5						
	C»VALOR 51WDG	0.047	LAA	5						
	D»COC	1.00	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»GLYPHOMAX PLUS	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
17A»	RNDUP ULTRA MA	0.56	LAA	5	60	99	78	99	86	0
	B»GAUNTLET	0.14	LAA	0						
	C»FIRSTRATE 84WG	0.0155	LAA	5						
	D»AUTHORITY	0.124	LAA	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»RNDUP ULTRA MA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
18A»	RNDUP ULTRA MA	0.56	LAA	5	78	99	83	99	99	0
	B»CANOPY XL 56.3	0.148	LAA	0						
	C»AUTHORITY	0.123	LAA	5						
	D CLASSIC 25WG	0.025	LAA	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»RNDUP ULTRA MA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			9.63	2.77	12.00	0.00	9.18	0.00
		STANDARD DEVIATION			4.76	1.37	5.92	0.00	4.54	0.00

DATA MEAN

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CREATED: 04/15/2002 REVISED: 07/31/2002

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		SETFA	CHEAL	ABUTH	ERICA	DATST	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/25/02	06/25/02	06/25/02	06/25/02	07/08/02
1A»	TOUCHDOWN 3L	0.56	LAA	5	0	48	0	90	0
B»	LIQUID AMS	2.50	PMV	5					
C»	TOUCHDOWN 3L	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
2A»	RNDUP ULTRA MA	0.56	LAA	5	0	47	0	88	0
B»	LIQUID AMS	2.50	PMV	5					
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
3A»	EXTREME 2.17L	0.81	LAA	5	62	96	90	95	93
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
4A»	BACKDRAFT SL 1	0.84	LAA	5	57	95	57	96	95
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A»	RNDUP ULTRA MA	0.56	LAA	5	0	95	47	95	43
B»	AMPLIFY 84WG	0.032	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
7A»	RNDUP ULTRA MA	0.56	LAA	5	0	95	63	93	43
B»	AMPLIFY 84WG	0.016	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
8A»	RNDUP ULTRA MA	0.56	LAA	5	50	88	43	95	43
B	PROWL 3.3EC	1.24	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
9A»	RNDUP ULTRA MA	0.56	LAA	5	87	98	93	98	93
B»	STEEL CP	0.97	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
10A»	RNDUP ULTRA MA	0.56	LAA	5	70	95	47	93	50
B»	VALOR 51WDG	0.063	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
11A»	RNDUP ULTRA MA	0.56	LAA	5	73	95	50	95	60
B»	VALOR 51WDG	0.078	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
12A»	RNDUP ULTRA MA	0.56	LAA	5	40	95	40	90	43
B»	SPARTAN 4L	0.14	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

TRT	TREATMENT	DOSAGE		SETFA	CHEAL	ABUTH	ERICA	DATST	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/25/02	06/25/02	06/25/02	06/25/02	06/25/02	07/08/02
13A»	RNDUP ULTRA MA	0.56	LAA 5	72	57	50	95	40	0
	B»DOMAIN 60DF	0.45	LAA 5						
	C»LIQUID AMS	2.50	PMV 5						
	D»RNDUP ULTRA MA	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
14A»	GRAMOX MAX 3SL	0.64	LAA 5	67	93	50	93	50	0
	B»BOUNDARY 6.5EC	1.22	LAA 5						
	C»ACTIVATOR 90	0.25	PMV 5						
	D»TOUCHDOWN 3L	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A»	TOUCHDOWN 3L	0.56	LAA 5	67	40	47	95	45	0
	B»BOUNDARY 6.5EC	1.22	LAA 5						
	C»LIQUID AMS	2.50	PMV 5						
	D»TOUCHDOWN 3L	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
16A»	GLYPHOMAX PLUS	0.56	LAA 5	50	99	99	99	99	0
	B»PYTHON 80WG	0.04	LAA 5						
	C»VALOR 51WDG	0.047	LAA 5						
	D»COC	1.00	PMV 5						
	E»LIQUID AMS	2.50	PMV 5						
	F»GLYPHOMAX PLUS	0.75	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
17A»	RNDUP ULTRA MA	0.56	LAA 5	37	96	87	98	88	0
	B»GAUNTLET	0.14	LAA 0						
	C»FIRSTRATE 84WG	0.0155	LAA 5						
	D»AUTHORITY	0.124	LAA 5						
	E»LIQUID AMS	2.50	PMV 5						
	F»RNDUP ULTRA MA	0.75	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
18A»	RNDUP ULTRA MA	0.56	LAA 5	47	99	99	99	99	0
	B»CANOPY XL 56.3	0.148	LAA 0						
	C»AUTHORITY	0.123	LAA 5						
	D CLASSIC 25WG	0.025	LAA 5						
	E»LIQUID AMS	2.50	PMV 5						
	F»RNDUP ULTRA MA	0.75	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				6.16	4.93	11.94	2.77	10.74	0.00
STANDARD DEVIATION				3.00	2.44	5.91	1.37	5.31	0.00

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

CREATED: 04/15/2002 REVISED: 07/31/2002

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		SETFA	ABUTH	CHEAL	DATST	IPOHE	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/08/02	07/08/02	07/08/02	07/08/02	07/08/02
1A»	TOUCHDOWN 3L	0.56	LAA	5	99	77	99	99	73
B»	LIQUID AMS	2.50	PMV	5					99
C»	TOUCHDOWN 3L	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
2A»	RNDUP ULTRA MA	0.56	LAA	5	99	80	99	99	73
B»	LIQUID AMS	2.50	PMV	5					99
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
3A»	EXTREME 2.17L	0.81	LAA	5	99	98	99	99	95
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
4A»	BACKDRAFT SL 1	0.84	LAA	5	99	88	99	99	80
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A»	RNDUP ULTRA MA	0.56	LAA	5	99	99	99	99	78
B»	AMPLIFY 84WG	0.032	LAA	5					99
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
7A»	RNDUP ULTRA MA	0.56	LAA	5	99	98	99	99	77
B»	AMPLIFY 84WG	0.016	LAA	5					99
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
8A»	RNDUP ULTRA MA	0.56	LAA	5	99	70	99	99	72
B	PROWL 3.3EC	1.24	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
9A»	RNDUP ULTRA MA	0.56	LAA	5	99	96	99	99	87
B»	STEEL CP	0.97	LAA	5					99
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
10A»	RNDUP ULTRA MA	0.56	LAA	5	99	78	99	99	94
B»	VALOR 51WDG	0.063	LAA	5					99
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
11A»	RNDUP ULTRA MA	0.56	LAA	5	99	87	99	99	93
B»	VALOR 51WDG	0.078	LAA	5					99
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
12A»	RNDUP ULTRA MA	0.56	LAA	5	99	78	99	99	94
B»	SPARTAN 4L	0.14	LAA	5					99
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

TRT	TREATMENT	DOSAGE		SETFA	ABUTH	CHEAL	DATST	IPOHE	ERICA	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/08/02	07/08/02	07/08/02	07/08/02	07/08/02	
13A	»RNDUP ULTRA MA	0.56	LAA	5	99	77	99	99	72	99
	B»DOMAIN 60DF	0.45	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»RNDUP ULTRA MA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
14A	»GRAMOX MAX 3SL	0.64	LAA	5	99	72	99	99	72	99
	B»BOUNDARY 6.5EC	1.22	LAA	5						
	C»ACTIVATOR 90	0.25	PMV	5						
	D»TOUCHDOWN 3L	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
15A	»TOUCHDOWN 3L	0.56	LAA	5	99	70	99	99	73	99
	B»BOUNDARY 6.5EC	1.22	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»TOUCHDOWN 3L	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
16A	»GLYPHOMAX PLUS	0.56	LAA	5	99	96	99	99	93	99
	B»PYTHON 80WG	0.04	LAA	5						
	C»VALOR 51WDG	0.047	LAA	5						
	D»COC	1.00	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»GLYPHOMAX PLUS	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
17A	»RNDUP ULTRA MA	0.56	LAA	5	99	88	99	99	90	99
	B»GAUNTLET	0.14	LAA	0						
	C»FIRSTRATE 84WG	0.0155	LAA	5						
	D»AUTHORITY	0.124	LAA	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»RNDUP ULTRA MA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
18A	»RNDUP ULTRA MA	0.56	LAA	5	99	98	99	99	93	99
	B»CANOPY XL 56.3	0.148	LAA	0						
	C»AUTHORITY	0.123	LAA	5						
	D CLASSIC 25WG	0.025	LAA	5						
	E»LIQUID AMS	2.50	PMV	5						
	F»RNDUP ULTRA MA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	6.38	0.00	0.00	8.33	0.00
STANDARD DEVIATION					0.00	3.16	0.00	0.00	4.12	0.00

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

CREATED: 04/15/2002 REVISED: 07/31/2002

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	SETFA	ABUTH	CHEAL	DATST	IPOHE
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/24/02	07/24/02	07/24/02	07/24/02	07/24/02
1A»	TOUCHDOWN 3L	0.56	LAA	5	0	99	67	99	62
B»	LIQUID AMS	2.50	PMV	5					
C»	TOUCHDOWN 3L	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
2A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	63	99	62
B»	LIQUID AMS	2.50	PMV	5					
C»	RNDUP ULTRA MA	0.75	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
3A»	EXTREME 2.17L	0.81	LAA	5	0	96	99	99	68
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
4A»	BACKDRAFT SL 1	0.84	LAA	5	0	99	72	99	65
B»	ACTIVATOR 90	0.125	PMV	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A»	RNDUP ULTRA MA	0.56	LAA	5	0	98	78	99	63
B»	AMPLIFY 84WG	0.032	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
7A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	70	99	67
B»	AMPLIFY 84WG	0.016	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
8A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	62	99	60
B	PROWL 3.3EC	1.24	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
9A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	98	99	68
B»	STEEL CP	0.97	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
10A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	88	99	72
B»	VALOR 51WDG	0.063	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
11A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	82	99	75
B»	VALOR 51WDG	0.078	LAA	5					
C»	COC	1.00	PMV	5					
D»	LIQUID AMS	2.50	PMV	5					
E»	RNDUP ULTRA MA	0.75	LAA	12					
F»	LIQUID AMS	2.50	PMV	12					
12A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	78	99	63
B»	SPARTAN 4L	0.14	LAA	5					
C»	LIQUID AMS	2.50	PMV	5					
D»	RNDUP ULTRA MA	0.75	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	ABUTH	CHEAL	DATST	IPOHE
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/24/02	07/24/02	07/24/02	07/24/02	07/24/02
13A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	68	99	60
	B»DOMAIN 60DF	0.45	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»RNDUP ULTRA MA	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
14A»	GRAMOX MAX 3SL	0.64	LAA	5	0	99	62	99	60
	B»BOUNDARY 6.5EC	1.22	LAA	5					
	C»ACTIVATOR 90	0.25	PMV	5					
	D»TOUCHDOWN 3L	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
15A»	TOUCHDOWN 3L	0.56	LAA	5	0	99	65	99	62
	B»BOUNDARY 6.5EC	1.22	LAA	5					
	C»LIQUID AMS	2.50	PMV	5					
	D»TOUCHDOWN 3L	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
16A»	GLYPHOMAX PLUS	0.56	LAA	5	0	96	87	99	69
	B»PYTHON 80WG	0.04	LAA	5					
	C»VALOR 51WDG	0.047	LAA	5					
	D»COC	1.00	PMV	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»GLYPHOMAX PLUS	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
17A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	67	99	72
	B»GAUNTLET	0.14	LAA	0					
	C»FIRSTRATE 84WG	0.0155	LAA	5					
	D»AUTHORITY	0.124	LAA	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»RNDUP ULTRA MA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
18A»	RNDUP ULTRA MA	0.56	LAA	5	0	99	80	99	73
	B»CANOPY XL 56.3	0.148	LAA	0					
	C»AUTHORITY	0.123	LAA	5					
	D CLASSIC 25WG	0.025	LAA	5					
	E»LIQUID AMS	2.50	PMV	5					
	F»RNDUP ULTRA MA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
LSD (0.05)					0.00	2.37	9.25	0.00	6.31
STANDARD DEVIATION					0.00	1.17	4.58	0.00	3.12

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

CREATED: 04/15/2002 REVISED: 07/31/2002

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	ERICA		
NUM	COMPONENT	RATE	UNIT	TM	CON %
					07/24/02
1A»	TOUCHDOWN 3L	0.56	LAA	5	99
B»	LIQUID AMS	2.50	PMV	5	
C»	TOUCHDOWN 3L	0.75	LAA	12	
D»	LIQUID AMS	2.50	PMV	12	
2A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	LIQUID AMS	2.50	PMV	5	
C»	RNDUP ULTRA MA	0.75	LAA	12	
D»	LIQUID AMS	2.50	PMV	12	
3A»	EXTREME 2.17L	0.81	LAA	5	99
B»	ACTIVATOR 90	0.125	PMV	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
4A»	BACKDRAFT SL 1	0.84	LAA	5	99
B»	ACTIVATOR 90	0.125	PMV	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
5A	CHECK	0.00	NA	0	0
6A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	AMPLIFY 84WG	0.032	LAA	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
7A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	AMPLIFY 84WG	0.016	LAA	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
8A»	RNDUP ULTRA MA	0.56	LAA	5	99
B	PROWL 3.3EC	1.24	LAA	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
9A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	STEEL CP	0.97	LAA	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	
10A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	VALOR 51WDG	0.063	LAA	5	
C»	COC	1.00	PMV	5	
D»	LIQUID AMS	2.50	PMV	5	
E»	RNDUP ULTRA MA	0.75	LAA	12	
F»	LIQUID AMS	2.50	PMV	12	
11A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	VALOR 51WDG	0.078	LAA	5	
C»	COC	1.00	PMV	5	
D»	LIQUID AMS	2.50	PMV	5	
E»	RNDUP ULTRA MA	0.75	LAA	12	
F»	LIQUID AMS	2.50	PMV	12	
12A»	RNDUP ULTRA MA	0.56	LAA	5	99
B»	SPARTAN 4L	0.14	LAA	5	
C»	LIQUID AMS	2.50	PMV	5	
D»	RNDUP ULTRA MA	0.75	LAA	12	
E»	LIQUID AMS	2.50	PMV	12	

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

TRT	TREATMENT	DOSAGE	ERICA	CON %	
NUM	COMPONENT	RATE	UNIT	TM	07/24/02
13A»	RNDUP ULTRA MA	0.56	LAA	5	99
	B»DOMAIN 60DF	0.45	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»RNDUP ULTRA MA	0.75	LAA	12	
	E»LIQUID AMS	2.50	PMV	12	
14A»	GRAMOX MAX 3SL	0.64	LAA	5	99
	B»BOUNDARY 6.5EC	1.22	LAA	5	
	C»ACTIVATOR 90	0.25	PMV	5	
	D»TOUCHDOWN 3L	0.75	LAA	12	
	E»LIQUID AMS	2.50	PMV	12	
15A»	TOUCHDOWN 3L	0.56	LAA	5	99
	B»BOUNDARY 6.5EC	1.22	LAA	5	
	C»LIQUID AMS	2.50	PMV	5	
	D»TOUCHDOWN 3L	0.75	LAA	12	
	E»LIQUID AMS	2.50	PMV	12	
16A»	GLYPHOMAX PLUS	0.56	LAA	5	99
	B»PYTHON 80WG	0.04	LAA	5	
	C»VALOR 51WDG	0.047	LAA	5	
	D»COC	1.00	PMV	5	
	E»LIQUID AMS	2.50	PMV	5	
	F»GLYPHOMAX PLUS	0.75	LAA	12	
	G»LIQUID AMS	2.50	PMV	12	
17A»	RNDUP ULTRA MA	0.56	LAA	5	99
	B»GAUNTLET	0.14	LAA	0	
	C»FIRSTRATE 84WG	0.0155	LAA	5	
	D»AUTHORITY	0.124	LAA	5	
	E»LIQUID AMS	2.50	PMV	5	
	F»RNDUP ULTRA MA	0.75	LAA	12	
	G»LIQUID AMS	2.50	PMV	12	
18A»	RNDUP ULTRA MA	0.56	LAA	5	99
	B»CANOPY XL 56.3	0.148	LAA	0	
	C»AUTHORITY	0.123	LAA	5	
	D CLASSIC 25WG	0.025	LAA	5	
	E»LIQUID AMS	2.50	PMV	5	
	F»RNDUP ULTRA MA	0.75	LAA	12	
	G»LIQUID AMS	2.50	PMV	12	
LSD (0.05)				0.00	
STANDARD DEVIATION				0.00	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15DBP 05/02/2002(1)

12 = ----- / POST 06/25/2002(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	SETFA	CON %	06/03/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	06/03/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/03/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ERICA	CON %	06/03/2002	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	DATST	CON %	06/03/2002	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	GLXMA	CON %	06/25/2002	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	06/25/2002	02	P	SETFA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	CHEAL	CON %	06/25/2002	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ABUTH	CON %	06/25/2002	03	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ERICA	CON %	06/25/2002	07	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	DATST	CON %	06/25/2002	05	P	DATST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	GLXMA	CON %	07/08/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	SETFA	CON %	07/08/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	ABUTH	CON %	07/08/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	CHEAL	CON %	07/08/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	DATST	CON %	07/08/2002	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: No-till burndown systems in soybean - 2407

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
17	IPOHE	CON %	07/08/2002	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
18	ERICA	CON %	07/08/2002	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
19	GLXMA	CON %	07/24/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
20	SETFA	CON %	07/24/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
21	ABUTH	CON %	07/24/2002	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
22	CHEAL	CON %	07/24/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
23	DATST	CON %	07/24/2002	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
24	IPOHE	CON %	07/24/2002	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
25	ERICA	CON %	07/24/2002	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DK 3651RR

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

16 = 6 LEAVES UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED