

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	04	05	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/11/03	05/02/03	05/19/03	06/16/03	AME
AIR TEMPERATURE	67	62	73	82	F
% REL.HUMIDITY	35	50	70	60	
WIND DIRECTION	NORTHEAST	NORTHEAST	SOUTHEAST	EAST	M/H
WIND SPEED	2.0	10.0	5.0	5.0	
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	CLEAR	
DEW	---	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN				---/14	
PIONEER 93B67				5.00/5.00	IN
05/19/2003					
*** PEST ***					
VELVETLEAF	---/00 /	---/10 0.50/0.50	---/12 1.00/3.00	---/14 2.00/4.00	IN
LAMBSQUARTERS, C	---/11 0.50/0.50	---/18 1.00/2.00	---/19 2.00/4.00	---/19 2.00/10.0	IN
HORSEWEED	---/19 1.00/1.00	---/19 1.00/3.00	---/19 2.00/6.00	---/19 4.00/8.00	IN
HENBIT	---/18 1.00/2.00	---/19 2.00/4.00	---/19 3.00/6.00	---/19 4.00/8.00	IN
MORNINGGLORY, TA	---/00 /	---/10 0.50/0.50	---/12 1.00/2.00	---/16 2.00/4.00	IN
FOXTAIL, GIANT	---/00 /	---/11 0.50/0.50	---/12 1.00/3.00	---/14 2.00/8.00	IN
CHICKWEED, COMMO	---/19 1.00/3.00	---/19 2.00/6.00	---/19 3.00/6.00	---/19 4.00/8.00	IN

* TIMING CODES

04 = ----- / EPP 30DBP
05 = ----- / EPP 15DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

* STAGE CODE

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Early Preplant Systems in Notill Soybean N-100
CREATED: 04/07/2003 **REVISED:** 12/09/2003 **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	STEME	LAMAM	CHEAL	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/19/03	05/19/03	05/19/03	05/19/03
1A»	DOMAIN 60DF	0.60	LAA	4	0	93	97	89
B»	WEATHERMAX 4.5	0.56	LAA	4				92
C»	LIQUID AMS	2.50	PMV	4				89
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
2A»	VALOR 51WDG	0.078	LAA	4	0	97	99	99
B»	WEATHERMAX 4.5	0.56	LAA	4				96
C»	LIQUID AMS	2.50	PMV	4				96
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
3A»	WEATHERMAX 4.5	0.75	LAA	4	0	60	99	93
B»	LIQUID AMS	2.50	PMV	4				50
4A»	BOUNDARY 6.5EC	1.22	LAA	4	0	94	97	93
B»	WEATHERMAX 4.5	0.56	LAA	4				99
C»	LIQUID AMS	2.50	PMV	4				91
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
5A»	CANOPY XL 56.3	0.148	LAA	0	0	98	99	99
B»	AUTHORITY	0.118	LAA	4				99
C	CLASSIC 25WG	0.03	LAA	4				99
D»	WEATHERMAX 4.5	0.56	LAA	4				
E»	LIQUID AMS	2.50	PMV	4				
F»	WEATHERMAX 4.5	0.75	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
6A»	DOMAIN 60DF	0.49	LAA	5	0	99	99	98
B»	WEATHERMAX 4.5	0.56	LAA	5				97
C»	LIQUID AMS	2.50	PMV	5				96
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
7A»	VALOR 51WDG	0.078	LAA	5	0	99	99	99
B»	WEATHERMAX 4.5	0.56	LAA	5				99
C»	LIQUID AMS	2.50	PMV	5				99
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
8A»	WEATHERMAX 4.5	0.75	LAA	5	0	93	99	99
B»	LIQUID AMS	2.50	PMV	5				96
9A»	BOUNDARY 6.5EC	1.22	LAA	5	0	99	98	96
B»	WEATHERMAX 4.5	0.56	LAA	5				96
C»	LIQUID AMS	2.50	PMV	5				96
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
10A»	CANOPY XL 56.3	0.148	LAA	0	0	99	99	99
B»	AUTHORITY	0.118	LAA	5				99
C	CLASSIC 25WG	0.03	LAA	5				99
D»	WEATHERMAX 4.5	0.56	LAA	5				
E»	LIQUID AMS	2.50	PMV	5				
F»	WEATHERMAX 4.5	0.75	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
11A»	DOMAIN 60DF	0.34	LAA	5	0	99	98	95
B»	WEATHERMAX 4.5	0.56	LAA	5				96
C»	LIQUID AMS	2.50	PMV	5				94
D»	WEATHERMAX 4.5	0.75	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
12A»	VALOR 51WDG	0.078	LAA	5	0	99	99	99
B»	DOMAIN 60DF	0.34	LAA	5				99
C»	WEATHERMAX 4.5	0.56	LAA	5				99
D»	LIQUID AMS	2.50	PMV	5				
E»	WEATHERMAX 4.5	0.75	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				

TITLE: Early Preplant Systems in Notill Soybean N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 05/19/03	SETFA CON % 05/19/03	STEME CON % 05/19/03	LAMAM CON % 05/19/03	CHEAL CON % 05/19/03	ERICA CON % 05/19/03
13A»	VALOR 51WDG	0.078	LAA	5	0	99	99	99	99	99
	B»DEFINE 4SC	0.375	LAA	5						
	C»WEATHERMAX 4.5	0.56	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
14A»	DEFINE 4SC	0.375	LAA	5	0	99	99	98	92	94
	B»WEATHERMAX 4.5	0.56	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	EXTREME 2.17L	0.81	LAA	5	0	99	99	99	99	99
	B»ACTIVATOR 90	0.25	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
16A»	DOMAIN 60DF	0.375	LAA	9	0					
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A»	DOMAIN 60DF	0.34	LAA	9	0					
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A»	DOMAIN 60DF	0.34	LAA	9	0					
	B»VALOR 51WDG	0.078	LAA	9						
	C»WEATHERMAX 4.5	0.56	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
19A»	VALOR 51WDG	0.078	LAA	9	0					
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A»	BOUNDARY 6.5EC	1.22	LAA	9	0					
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.75	LAA	12	0					
	B»LIQUID AMS	2.50	PMV	12						
22A»	CANOPY XL 56.3	0.148	LAA	9	0					
	B»AUTHORITY	0.118	LAA	9						
	C CLASSIC 25WG	0.03	LAA	9						
	D»WEATHERMAX 4.5	0.56	LAA	9						
	E»LIQUID AMS	2.50	PMV	9						
	F»WEATHERMAX 4.5	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
23A»	EXTREME 2.17L	0.81	LAA	9	0					
	B»ACTIVATOR 90	0.25	PMV	9						
	C»LIQUID AMS	5.00	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	WEATHERMAX 4.5	0.56	LAA	9	0					
	B»LIQUID AMS	2.50	PMV	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	4.53	1.34	3.56	4.32	3.77
STANDARD DEVIATION					0.00	2.27	0.668	1.78	2.16	1.88

TITLE: Early Preplant Systems in Notill Soybean N-100
CREATED: 04/07/2003 **REVISED:** 12/09/2003 **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	PHBPU	ABUTH	GLXMA	SETFA	STEME	LAMAM
NUM COMPONENT	RATE UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
		05/19/03	05/19/03	06/15/03	06/15/03	06/15/03	06/15/03
1A»DOMAIN 60DF	0.60 LAA 4	47	43	0	52	78	78
B»WEATHERMAX 4.5	0.56 LAA 4						
C»LIQUID AMS	2.50 PMV 4						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
2A»VALOR 51WDG	0.078 LAA 4	78	73	0	68	98	98
B»WEATHERMAX 4.5	0.56 LAA 4						
C»LIQUID AMS	2.50 PMV 4						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
3A»WEATHERMAX 4.5	0.75 LAA 4	27	23	0	17	65	47
B»LIQUID AMS	2.50 PMV 4						
4A»BOUNDARY 6.5EC	1.22 LAA 4	53	53	0	52	92	93
B»WEATHERMAX 4.5	0.56 LAA 4						
C»LIQUID AMS	2.50 PMV 4						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
5A»CANOPY XL 56.3	0.148 LAA 0	97	96	0	93	99	99
B»AUTHORITY	0.118 LAA 4						
C CLASSIC 25WG	0.03 LAA 4						
D»WEATHERMAX 4.5	0.56 LAA 4						
E»LIQUID AMS	2.50 PMV 4						
F»WEATHERMAX 4.5	0.75 LAA 12						
G»LIQUID AMS	2.50 PMV 12						
6A»DOMAIN 60DF	0.49 LAA 5	67	63	0	84	98	98
B»WEATHERMAX 4.5	0.56 LAA 5						
C»LIQUID AMS	2.50 PMV 5						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
7A»VALOR 51WDG	0.078 LAA 5	88	82	0	90	98	98
B»WEATHERMAX 4.5	0.56 LAA 5						
C»LIQUID AMS	2.50 PMV 5						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
8A»WEATHERMAX 4.5	0.75 LAA 5	47	43	0	70	99	90
B»LIQUID AMS	2.50 PMV 5						
9A»BOUNDARY 6.5EC	1.22 LAA 5	63	70	0	88	97	97
B»WEATHERMAX 4.5	0.56 LAA 5						
C»LIQUID AMS	2.50 PMV 5						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
10A»CANOPY XL 56.3	0.148 LAA 0	91	89	0	98	99	99
B»AUTHORITY	0.118 LAA 5						
C CLASSIC 25WG	0.03 LAA 5						
D»WEATHERMAX 4.5	0.56 LAA 5						
E»LIQUID AMS	2.50 PMV 5						
F»WEATHERMAX 4.5	0.75 LAA 12						
G»LIQUID AMS	2.50 PMV 12						
11A»DOMAIN 60DF	0.34 LAA 5	57	53	0	77	98	93
B»WEATHERMAX 4.5	0.56 LAA 5						
C»LIQUID AMS	2.50 PMV 5						
D»WEATHERMAX 4.5	0.75 LAA 12						
E»LIQUID AMS	2.50 PMV 12						
12A»VALOR 51WDG	0.078 LAA 5	96	97	0	88	99	98
B»DOMAIN 60DF	0.34 LAA 5						
C»WEATHERMAX 4.5	0.56 LAA 5						
D»LIQUID AMS	2.50 PMV 5						
E»WEATHERMAX 4.5	0.75 LAA 12						
F»LIQUID AMS	2.50 PMV 12						

TITLE: Early Preplant Systems in Notill Soybean N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 05/19/03	ABUTH CON % 05/19/03	GLXMA CON % 06/15/03	SETFA CON % 06/15/03	STEME CON % 06/15/03	LAMAM CON % 06/15/03
13A»	VALOR 51WDG	0.078	LAA	5	92	94	0	94	99	99
	B»DEFINE 4SC	0.375	LAA	5						
	C»WEATHERMAX 4.5	0.56	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
14A»	DEFINE 4SC	0.375	LAA	5	57	50	0	91	99	98
	B»WEATHERMAX 4.5	0.56	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	EXTREME 2.17L	0.81	LAA	5	65	72	0	98	99	99
	B»ACTIVATOR 90	0.25	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
16A»	DOMAIN 60DF	0.375	LAA	9			0	93	97	93
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A»	DOMAIN 60DF	0.34	LAA	9			0	87	96	96
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A»	DOMAIN 60DF	0.34	LAA	9			0	93	99	99
	B»VALOR 51WDG	0.078	LAA	9						
	C»WEATHERMAX 4.5	0.56	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
19A»	VALOR 51WDG	0.078	LAA	9			0	92	97	99
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A»	BOUNDARY 6.5EC	1.22	LAA	9			0	90	99	95
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.75	LAA	12			0			
	B»LIQUID AMS	2.50	PMV	12						
22A»	CANOPY XL 56.3	0.148	LAA	9			0	93	99	98
	B»AUTHORITY	0.118	LAA	9						
	C CLASSIC 25WG	0.03	LAA	9						
	D»WEATHERMAX 4.5	0.56	LAA	9						
	E»LIQUID AMS	2.50	PMV	9						
	F»WEATHERMAX 4.5	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
23A»	EXTREME 2.17L	0.81	LAA	9			0	96	99	99
	B»ACTIVATOR 90	0.25	PMV	9						
	C»LIQUID AMS	5.00	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	WEATHERMAX 4.5	0.56	LAA	9			0	75	97	98
	B»LIQUID AMS	2.50	PMV	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					9.51	10.38	0.00	11.78	6.91	8.21
STANDARD DEVIATION					4.76	5.19	0.00	5.89	3.46	4.10

TITLE: Early Preplant Systems in Notill Soybean N-100
CREATED: 04/07/2003 **REVISED:** 12/09/2003 **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	CHEAL	ERICA	PHBPU	ABUTH	GLXMA	SETFA		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/15/03	06/15/03	06/15/03	06/15/03		
1A»	DOMAIN 60DF	0.60	LAA	4	82	80	10	7	0	84
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
2A»	VALOR 51WDG	0.078	LAA	4	94	95	53	50	0	93
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
3A»	WEATHERMAX 4.5	0.75	LAA	4	23	57	7	0	0	43
B»	LIQUID AMS	2.50	PMV	4						
4A»	BOUNDARY 6.5EC	1.22	LAA	4	92	93	27	23	0	94
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	CANOPY XL 56.3	0.148	LAA	0	99	98	94	95	0	95
B»	AUTHORITY	0.118	LAA	4						
C	CLASSIC 25WG	0.03	LAA	4						
D»	WEATHERMAX 4.5	0.56	LAA	4						
E»	LIQUID AMS	2.50	PMV	4						
F»	WEATHERMAX 4.5	0.75	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
6A»	DOMAIN 60DF	0.49	LAA	5	96	94	40	37	0	96
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
7A»	VALOR 51WDG	0.078	LAA	5	98	97	76	70	0	93
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
8A»	WEATHERMAX 4.5	0.75	LAA	5	62	80	7	7	0	60
B»	LIQUID AMS	2.50	PMV	5						
9A»	BOUNDARY 6.5EC	1.22	LAA	5	97	96	33	30	0	97
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
10A»	CANOPY XL 56.3	0.148	LAA	0	97	98	94	92	0	98
B»	AUTHORITY	0.118	LAA	5						
C	CLASSIC 25WG	0.03	LAA	5						
D»	WEATHERMAX 4.5	0.56	LAA	5						
E»	LIQUID AMS	2.50	PMV	5						
F»	WEATHERMAX 4.5	0.75	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
11A»	DOMAIN 60DF	0.34	LAA	5	89	88	33	27	0	97
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
12A»	VALOR 51WDG	0.078	LAA	5	98	98	79	75	0	97
B»	DOMAIN 60DF	0.34	LAA	5						
C»	WEATHERMAX 4.5	0.56	LAA	5						
D»	LIQUID AMS	2.50	PMV	5						
E»	WEATHERMAX 4.5	0.75	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						

TITLE: Early Preplant Systems in Notill Soybean N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/15/03	ERICA CON % 06/15/03	PHBPU CON % 06/15/03	ABUTH CON % 06/15/03	GLXMA CON % 07/15/03	SETFA CON % 07/15/03
13A»	VALOR 51WDG	0.078	LAA	5	98	98	72	70	0	94
	B»DEFINE 4SC	0.375	LAA	5						
	C»WEATHERMAX 4.5	0.56	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
14A»	DEFINE 4SC	0.375	LAA	5	82	90	27	27	0	98
	B»WEATHERMAX 4.5	0.56	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	EXTREME 2.17L	0.81	LAA	5	99	94	86	92	0	99
	B»ACTIVATOR 90	0.25	PMV	5						
	C»LIQUID AMS	5.00	PMV	5						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
16A»	DOMAIN 60DF	0.375	LAA	9	93	88	47	47	0	96
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A»	DOMAIN 60DF	0.34	LAA	9	94	91	43	43	0	97
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A»	DOMAIN 60DF	0.34	LAA	9	91	96	77	71	0	97
	B»VALOR 51WDG	0.078	LAA	9						
	C»WEATHERMAX 4.5	0.56	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
	E»WEATHERMAX 4.5	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
19A»	VALOR 51WDG	0.078	LAA	9	98	98	78	76	0	96
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
20A»	BOUNDARY 6.5EC	1.22	LAA	9	96	95	43	40	0	97
	B»WEATHERMAX 4.5	0.56	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.75	LAA	12					0	96
	B»LIQUID AMS	2.50	PMV	12						
22A»	CANOPY XL 56.3	0.148	LAA	9	94	94	83	77	0	97
	B»AUTHORITY	0.118	LAA	9						
	C CLASSIC 25WG	0.03	LAA	9						
	D»WEATHERMAX 4.5	0.56	LAA	9						
	E»LIQUID AMS	2.50	PMV	9						
	F»WEATHERMAX 4.5	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
23A»	EXTREME 2.17L	0.81	LAA	9	98	90	72	70	0	99
	B»ACTIVATOR 90	0.25	PMV	9						
	C»LIQUID AMS	5.00	PMV	9						
	D»WEATHERMAX 4.5	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	WEATHERMAX 4.5	0.56	LAA	9	60	87	40	37	0	93
	B»LIQUID AMS	2.50	PMV	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					7.71	5.21	14.08	15.08	0.00	5.82
STANDARD DEVIATION					3.86	2.61	7.00	7.54	0.00	2.91

TITLE: Early Preplant Systems in Notill Soybean N-100
CREATED: 04/07/2003 **REVISED:** 12/09/2003 **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	STEME	LAMAM	CHEAL	ERICA	PHBPU	ABUTH		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					07/15/03	07/15/03	07/15/03	07/15/03		
1A»	DOMAIN 60DF	0.60	LAA	4	99	99	98	95	79	65
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
2A»	VALOR 51WDG	0.078	LAA	4	99	99	97	99	83	78
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
3A»	WEATHERMAX 4.5	0.75	LAA	4	99	93	33	75	40	33
B»	LIQUID AMS	2.50	PMV	4						
4A»	BOUNDARY 6.5EC	1.22	LAA	4	99	99	99	99	81	68
B»	WEATHERMAX 4.5	0.56	LAA	4						
C»	LIQUID AMS	2.50	PMV	4						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	CANOPY XL 56.3	0.148	LAA	0	99	99	99	99	98	98
B»	AUTHORITY	0.118	LAA	4						
C	CLASSIC 25WG	0.03	LAA	4						
D»	WEATHERMAX 4.5	0.56	LAA	4						
E»	LIQUID AMS	2.50	PMV	4						
F»	WEATHERMAX 4.5	0.75	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
6A»	DOMAIN 60DF	0.49	LAA	5	99	99	99	99	80	70
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
7A»	VALOR 51WDG	0.078	LAA	5	99	99	99	99	74	75
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
8A»	WEATHERMAX 4.5	0.75	LAA	5	99	99	75	93	33	33
B»	LIQUID AMS	2.50	PMV	5						
9A»	BOUNDARY 6.5EC	1.22	LAA	5	99	99	99	99	80	73
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
10A»	CANOPY XL 56.3	0.148	LAA	0	99	99	99	99	98	99
B»	AUTHORITY	0.118	LAA	5						
C	CLASSIC 25WG	0.03	LAA	5						
D»	WEATHERMAX 4.5	0.56	LAA	5						
E»	LIQUID AMS	2.50	PMV	5						
F»	WEATHERMAX 4.5	0.75	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
11A»	DOMAIN 60DF	0.34	LAA	5	99	99	98	99	81	77
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
12A»	VALOR 51WDG	0.078	LAA	5	99	99	99	99	93	85
B»	DOMAIN 60DF	0.34	LAA	5						
C»	WEATHERMAX 4.5	0.56	LAA	5						
D»	LIQUID AMS	2.50	PMV	5						
E»	WEATHERMAX 4.5	0.75	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						

TITLE: Early Preplant Systems in Notill Soybean N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 07/15/03	LAMAM CON % 07/15/03	CHEAL CON % 07/15/03	ERICA CON % 07/15/03	PHBPU CON % 07/15/03	ABUTH CON % 07/15/03
13A»	VALOR 51WDG	0.078	LAA	5	99	99	99	99	87	88
B»	DEFINE 4SC	0.375	LAA	5						
C»	WEATHERMAX 4.5	0.56	LAA	5						
D»	LIQUID AMS	2.50	PMV	5						
E»	WEATHERMAX 4.5	0.75	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
14A»	DEFINE 4SC	0.375	LAA	5	99	99	99	99	84	79
B»	WEATHERMAX 4.5	0.56	LAA	5						
C»	LIQUID AMS	2.50	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
15A»	EXTREME 2.17L	0.81	LAA	5	99	99	99	99	96	98
B»	ACTIVATOR 90	0.25	PMV	5						
C»	LIQUID AMS	5.00	PMV	5						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
16A»	DOMAIN 60DF	0.375	LAA	9	99	99	99	99	72	62
B»	WEATHERMAX 4.5	0.56	LAA	9						
C»	LIQUID AMS	2.50	PMV	9						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
17A»	DOMAIN 60DF	0.34	LAA	9	99	99	99	99	90	89
B»	WEATHERMAX 4.5	0.56	LAA	9						
C»	LIQUID AMS	2.50	PMV	9						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
18A»	DOMAIN 60DF	0.34	LAA	9	99	99	99	98	90	84
B»	VALOR 51WDG	0.078	LAA	9						
C»	WEATHERMAX 4.5	0.56	LAA	9						
D»	LIQUID AMS	2.50	PMV	9						
E»	WEATHERMAX 4.5	0.75	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
19A»	VALOR 51WDG	0.078	LAA	9	99	99	99	99	78	69
B»	WEATHERMAX 4.5	0.56	LAA	9						
C»	LIQUID AMS	2.50	PMV	9						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
20A»	BOUNDARY 6.5EC	1.22	LAA	9	99	99	99	99	75	77
B»	WEATHERMAX 4.5	0.56	LAA	9						
C»	LIQUID AMS	2.50	PMV	9						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.75	LAA	12	99	99	99	95	82	83
B»	LIQUID AMS	2.50	PMV	12						
22A»	CANOPY XL 56.3	0.148	LAA	9	99	99	99	99	98	98
B»	AUTHORITY	0.118	LAA	9						
C	CLASSIC 25WG	0.03	LAA	9						
D»	WEATHERMAX 4.5	0.56	LAA	9						
E»	LIQUID AMS	2.50	PMV	9						
F»	WEATHERMAX 4.5	0.75	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
23A»	EXTREME 2.17L	0.81	LAA	9	99	99	99	99	97	98
B»	ACTIVATOR 90	0.25	PMV	9						
C»	LIQUID AMS	5.00	PMV	9						
D»	WEATHERMAX 4.5	0.75	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
24A»	WEATHERMAX 4.5	0.56	LAA	9	99	99	92	98	78	67
B»	LIQUID AMS	2.50	PMV	9						
C»	WEATHERMAX 4.5	0.75	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	1.77	3.45	2.77	9.35	12.12
STANDARD DEVIATION					0.00	0.885	1.72	1.38	4.68	6.06

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 04 = ----- / EPP 30DBP 04/11/2003 (1)
 05 = ----- / EPP 15DBP 05/02/2003 (2)
 09 = ----- / PREEMERGENCE 05/19/2003 (3)
 12 = ----- / POST 06/16/2003 (4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	05/19/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/19/2003	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	STEME	CON %	05/19/2003	03	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	LAMAM	CON %	05/19/2003	04	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/19/2003	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	05/19/2003	06	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/19/2003	07	P	PHBPU	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	05/19/2003	08	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	06/15/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/15/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	STEME	CON %	06/15/2003	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	LAMAM	CON %	06/15/2003	04	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/15/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ERICA	CON %	06/15/2003	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/15/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	06/15/2003	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	GLXMA	CON %	07/15/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	07/15/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	STEME	CON %	07/15/2003	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	LAMAM	CON %	07/15/2003	04	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	07/15/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ERICA	CON %	07/15/2003	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/15/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	07/15/2003	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED