

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	UNIT
TIMINGS	01	
TYPE	LIQMIX	
APPLICATION DATE	11/22/04	AME
AIR TEMPERATURE	50	F
% REL.HUMIDITY	50	
WIND DIRECTION	SOUTH	
WIND SPEED	1.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
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	---/00	
DK3151RR	/	IN
05/16/2005		
*** PEST ***		
VELVETLEAF	---/00	
	/	IN
LAMBSQUARTERS, C	---/00	
	/	IN
HORSEWEED	---/18	
	1.00/3.00	IN
FOXTAIL, GIANT	---/00	
	/	IN
CHICKWEED, COMMO	---/16	
	0.50/0.50	IN
DANDELION, COMMO	---/15	
	1.00/2.00	IN

* TIMING CODES

01 = ----- / FALL APPL'D

* STAGE CODE

00 = DRY SEED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Fall herbicide programs for soybean. N-100
CREATED: 11/18/2004 **REVISED:** 12/05/2005 **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	ERICA	TAROF	STEME	ERICA	TAROF
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	12/03/04	12/03/04	12/03/04	04/19/05	04/19/05
	1A»CANOPY EX 29.5	0.0407	LAA	0	33	23	17	99
	B CLASSIC 25WG	0.0313	LAA	1				99
	C EXPRESS 75WG	0.0094	LAA	1				82
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	2A»CANOPY EX 29.5	0.03	LAA	0	23	7	0	99
	B CLASSIC 25WG	0.023	LAA	1				99
	C EXPRESS 75WG	0.007	LAA	1				85
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	3A»CANOPY EX 29.5	0.0203	LAA	0	17	0	0	99
	B CLASSIC 25WG	0.0156	LAA	1				99
	C EXPRESS 75WG	0.0047	LAA	1				80
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	4A BASIS (75WG)	0.016	LAA	1	25	10	10	99
	B EXPRESS 75WG	0.0059	LAA	1				99
	C (G)2,4-D-ESTER	0.50	LAA	1				78
	D»COC	1.00	PMV	1				
	5A»MATRIX 25WG	0.016	LAA	1	22	12	7	99
	B»HARMONY GT 75W	0.016	LAA	1				99
	C EXPRESS 75WG	0.0078	LAA	1				79
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	6A»MATRIX 25WG	0.063	LAA	1	33	13	27	99
	B»HARMONY GT 75W	0.063	LAA	1				99
	C EXPRESS 75WG	0.031	LAA	1				75
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	7A»CANOPY EX 29.5	0.061	LAA	0	20	23	10	99
	B CLASSIC 25WG	0.047	LAA	1				99
	C EXPRESS 75WG	0.014	LAA	1				88
	D (G)2,4-D-ESTER	0.50	LAA	1				
	E»COC	1.00	PMV	1				
	8A»CANOPY XL 56.3	0.123	LAA	0	60	78	70	99
	B CLASSIC 25WG	0.021	LAA	1				99
	C»AUTHORITY	0.102	LAA	1				90
	D EXPRESS 75WG	0.007	LAA	1				
	E (G)2,4-D-ESTER	0.50	LAA	1				
	F»COC	1.00	PMV	1				
	9A»WEATHERMAX 4.5	0.75	LAA	1	13	17	17	99
	B (G)2,4-D-ESTER	0.50	LAA	1				99
	C»LIQUID AMS	5.00	PMV	1				65
	10A»BACKDRAFT SL 1	0.84	LAA	1	20	23	7	99
	B (G)2,4-D-ESTER	0.50	LAA	1				99
	C»ACTIVATOR 90	0.25	PMV	1				73
	D»LIQUID AMS	5.00	PMV	1				
	11A SCEPTER 70DG	0.092	LAA	1	20	35	17	99
	B (G)2,4-D-ESTER	0.50	LAA	1				99
	C»COC	1.00	PMV	1				75
	D»LIQUID AMS	5.00	PMV	1				
	12A SCEPTER 70DG	0.123	LAA	1	25	45	17	99
	B (G)2,4-D-ESTER	0.50	LAA	1				99
	C»COC	1.00	PMV	1				77
	D»LIQUID AMS	5.00	PMV	1				

TITLE: Fall herbicide programs for soybean. N-100

TRT	TREATMENT	DOSAGE		STEME	ERICA	TAROF	STEME	ERICA	TAROF
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					12/03/04	12/03/04	12/03/04	04/19/05	04/19/05
13A	SCEPTER 70DG	0.092	LAA	1	52	70	63	99	99
	B»BLANKET 75WG	0.141	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
14A	SCEPTER 70DG	0.092	LAA	1	52	73	60	99	99
	B»VALOR SX 51WDG	0.055	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
15A»	EXTREME 2.17L	0.814	LAA	1	27	30	23	99	99
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»ACTIVATOR 90	0.125	PMV	1					
	D»LIQUID AMS	5.00	PMV	1					
16A	CHECK	0.00	NA	0	0	0	0	0	0
17A»	KIH-485 60WG	0.186	LAA	1	22	27	18	99	99
	B»WEATHERMAX 4.5	0.38	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»LIQUID AMS	5.00	PMV	1					
18A»	KIH-485 60WG	0.186	LAA	1	68	84	62	99	99
	B»VALOR SX 51WDG	0.063	LAA	1					
	C»WEATHERMAX 4.5	0.38	LAA	1					
	D (G)2,4-D-ESTER	0.50	LAA	1					
	E»LIQUID AMS	5.00	PMV	1					
LSD (0.05)					14.22	15.32	15.61	0.00	11.27
STANDARD DEVIATION					7.00	7.58	7.73	0.00	5.58

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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	ABUTH	CHEAL	STEME	ERICA	TAROF	ABUTH		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					04/19/05	04/19/05	06/04/05	06/04/05		
1A»	CANOPY EX 29.5	0.0407	LAA	0	63	85	99	89	73	52
B	CLASSIC 25WG	0.0313	LAA	1						
C	EXPRESS 75WG	0.0094	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
2A»	CANOPY EX 29.5	0.03	LAA	0	74	83	99	90	75	53
B	CLASSIC 25WG	0.023	LAA	1						
C	EXPRESS 75WG	0.007	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
3A»	CANOPY EX 29.5	0.0203	LAA	0	65	80	99	87	67	37
B	CLASSIC 25WG	0.0156	LAA	1						
C	EXPRESS 75WG	0.0047	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
4A	BASIS (75WG)	0.016	LAA	1	50	50	99	47	47	33
B	EXPRESS 75WG	0.0059	LAA	1						
C	(G)2,4-D-ESTER	0.50	LAA	1						
D»	COC	1.00	PMV	1						
5A»	MATRIX 25WG	0.016	LAA	1	50	55	99	43	43	37
B»	HARMONY GT 75W	0.016	LAA	1						
C	EXPRESS 75WG	0.0078	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
6A»	MATRIX 25WG	0.063	LAA	1	62	77	99	95	86	82
B»	HARMONY GT 75W	0.063	LAA	1						
C	EXPRESS 75WG	0.031	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
7A»	CANOPY EX 29.5	0.061	LAA	0	83	91	99	98	92	78
B	CLASSIC 25WG	0.047	LAA	1						
C	EXPRESS 75WG	0.014	LAA	1						
D	(G)2,4-D-ESTER	0.50	LAA	1						
E»	COC	1.00	PMV	1						
8A»	CANOPY XL 56.3	0.123	LAA	0	83	91	99	98	92	84
B	CLASSIC 25WG	0.021	LAA	1						
C»	AUTHORITY	0.102	LAA	1						
D	EXPRESS 75WG	0.007	LAA	1						
E	(G)2,4-D-ESTER	0.50	LAA	1						
F»	COC	1.00	PMV	1						
9A»	WEATHERMAX 4.5	0.75	LAA	1	17	13	94	57	50	27
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	LIQUID AMS	5.00	PMV	1						
10A»	BACKDRAFT SL 1	0.84	LAA	1	53	63	98	75	72	50
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	ACTIVATOR 90	0.25	PMV	1						
D»	LIQUID AMS	5.00	PMV	1						
11A	SCEPTER 70DG	0.092	LAA	1	60	62	99	50	53	43
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	5.00	PMV	1						
12A	SCEPTER 70DG	0.123	LAA	1	67	62	99	50	60	50
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	5.00	PMV	1						

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TRT	TREATMENT	DOSAGE		ABUTH	CHEAL	STEME	ERICA	TAROF	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					04/19/05	04/19/05	06/04/05	06/04/05	06/04/05
13A	SCEPTER 70DG	0.092	LAA	1	65	64	98	90	67
	B»BLANKET 75WG	0.141	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
14A	SCEPTER 70DG	0.092	LAA	1	74	75	99	91	70
	B»VALOR SX 51WDG	0.055	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
	E»LIQUID AMS	5.00	PMV	1					
15A»	EXTREME 2.17L	0.814	LAA	1	67	57	91	72	58
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»ACTIVATOR 90	0.125	PMV	1					
	D»LIQUID AMS	5.00	PMV	1					
16A	CHECK	0.00	NA	0	0	0	0	0	0
17A»	KIH-485 60WG	0.186	LAA	1	83	65	99	67	53
	B»WEATHERMAX 4.5	0.38	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»LIQUID AMS	5.00	PMV	1					
18A»	KIH-485 60WG	0.186	LAA	1	85	87	99	91	75
	B»VALOR SX 51WDG	0.063	LAA	1					
	C»WEATHERMAX 4.5	0.38	LAA	1					
	D (G)2,4-D-ESTER	0.50	LAA	1					
	E»LIQUID AMS	5.00	PMV	1					
LSD (0.05)					16.75	16.07	5.16	13.23	16.76
STANDARD DEVIATION					8.29	8.00	2.55	6.54	8.29
									18.32
									9.07

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CREATED: 11/18/2004 **REVISED:** 12/05/2005 **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	SETFA	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %
				06/04/05	06/04/05
1A»	CANOPY EX 29.5	0.0407	LAA	0	97
B	CLASSIC 25WG	0.0313	LAA	1	68
C	EXPRESS 75WG	0.0094	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
2A»	CANOPY EX 29.5	0.03	LAA	0	97
B	CLASSIC 25WG	0.023	LAA	1	73
C	EXPRESS 75WG	0.007	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
3A»	CANOPY EX 29.5	0.0203	LAA	0	94
B	CLASSIC 25WG	0.0156	LAA	1	60
C	EXPRESS 75WG	0.0047	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
4A	BASIS (75WG)	0.016	LAA	1	37
B	EXPRESS 75WG	0.0059	LAA	1	55
C	(G)2,4-D-ESTER	0.50	LAA	1	0
D»	COC	1.00	PMV	1	
5A»	MATRIX 25WG	0.016	LAA	1	37
B»	HARMONY GT 75W	0.016	LAA	1	47
C	EXPRESS 75WG	0.0078	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
6A»	MATRIX 25WG	0.063	LAA	1	94
B»	HARMONY GT 75W	0.063	LAA	1	89
C	EXPRESS 75WG	0.031	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
7A»	CANOPY EX 29.5	0.061	LAA	0	97
B	CLASSIC 25WG	0.047	LAA	1	72
C	EXPRESS 75WG	0.014	LAA	1	0
D	(G)2,4-D-ESTER	0.50	LAA	1	
E»	COC	1.00	PMV	1	
8A»	CANOPY XL 56.3	0.123	LAA	0	97
B	CLASSIC 25WG	0.021	LAA	1	73
C»	AUTHORITY	0.102	LAA	1	0
D	EXPRESS 75WG	0.007	LAA	1	
E	(G)2,4-D-ESTER	0.50	LAA	1	
F»	COC	1.00	PMV	1	
9A»	WEATHERMAX 4.5	0.75	LAA	1	20
B	(G)2,4-D-ESTER	0.50	LAA	1	43
C»	LIQUID AMS	5.00	PMV	1	0
10A»	BACKDRAFT SL 1	0.84	LAA	1	40
B	(G)2,4-D-ESTER	0.50	LAA	1	50
C»	ACTIVATOR 90	0.25	PMV	1	0
D»	LIQUID AMS	5.00	PMV	1	
11A	SCEPTER 70DG	0.092	LAA	1	43
B	(G)2,4-D-ESTER	0.50	LAA	1	50
C»	COC	1.00	PMV	1	0
D»	LIQUID AMS	5.00	PMV	1	
12A	SCEPTER 70DG	0.123	LAA	1	52
B	(G)2,4-D-ESTER	0.50	LAA	1	63
C»	COC	1.00	PMV	1	0
D»	LIQUID AMS	5.00	PMV	1	

TITLE: Fall herbicide programs for soybean. N-100

TRT	TREATMENT	DOSAGE		CHEAL	SETFA	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					06/04/05	06/04/05
13A	SCEPTER 70DG	0.092	LAA	1	84	74
	B»BLANKET 75WG	0.141	LAA	1		0
	C (G)2,4-D-ESTER	0.50	LAA	1		
	D»COC	1.00	PMV	1		
	E»LIQUID AMS	5.00	PMV	1		
14A	SCEPTER 70DG	0.092	LAA	1	72	63
	B»VALOR SX 51WDG	0.055	LAA	1		0
	C (G)2,4-D-ESTER	0.50	LAA	1		
	D»COC	1.00	PMV	1		
	E»LIQUID AMS	5.00	PMV	1		
15A»	EXTREME 2.17L	0.814	LAA	1	37	63
	B (G)2,4-D-ESTER	0.50	LAA	1		0
	C»ACTIVATOR 90	0.125	PMV	1		
	D»LIQUID AMS	5.00	PMV	1		
16A	CHECK	0.00	NA	0	0	0
17A»	KIH-485 60WG	0.186	LAA	1	33	76
	B»WEATHERMAX 4.5	0.38	LAA	1		0
	C (G)2,4-D-ESTER	0.50	LAA	1		
	D»LIQUID AMS	5.00	PMV	1		
18A»	KIH-485 60WG	0.186	LAA	1	83	82
	B»VALOR SX 51WDG	0.063	LAA	1		0
	C»WEATHERMAX 4.5	0.38	LAA	1		
	D (G)2,4-D-ESTER	0.50	LAA	1		
	E»LIQUID AMS	5.00	PMV	1		
		LSD (0.05)			12.31	19.40
		STANDARD DEVIATION			6.09	9.60
						0.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

01 = ----- / FALL APPL'D 11/22/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	12/03/2004	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERICA	CON %	12/03/2004	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	TAROF	CON %	12/03/2004	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	STEME	CON %	04/19/2005	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERICA	CON %	04/19/2005	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	TAROF	CON %	04/19/2005	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	04/19/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	04/19/2005	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	06/04/2005	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	06/04/2005	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	TAROF	CON %	06/04/2005	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/04/2005	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/04/2005	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/04/2005	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	06/04/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DK3151RR