

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	UNIT
TIMINGS	01	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	11/14/05	06/02/06	AME
AIR TEMPERATURE	51	81	F
% REL.HUMIDITY	67	64	
WIND DIRECTION	NORTHEAST	NORTH	
WIND SPEED	3.0	7.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	YES	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
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			
*** CROP ***			
SOYBEAN	---/01	---/10	
FS 3346RR	/	1.00/1.00	IN
05/24/2006			
*** PEST ***			
LAMBSQUARTERS, C	---/00	---/19	
	/	2.00/8.00	IN
HORSEWEED	---/15	---/19	
	0.50/0.50	6.00/12.0	IN
HENBIT	---/12	---/19	
	1.00/1.00	6.00/8.00	IN
FOXTAIL, GIANT	---/00	---/14	
	/	3.00/6.00	IN
CHICKWEED, COMMO	---/18	---/19	
	1.00/1.00	4.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED; DORMANCY
01 = BEGINNING OF SEED IMBIBITION
10 = COTYLEDONS COMPLETELY UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Fall herbicide programs for soybean. N-200
CREATED: 11/14/2005 **REVISED:** 08/11/2006 **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	ERICA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	11/30/05	11/30/05	11/30/05	04/13/05	04/13/05
1A	CLASSIC 25WG	0.016	LAA	1	30	13	17	75
B	EXPRESS 75WG	0.0047	LAA	1				72
C	(G)2,4-D-ESTER	0.25	LAA	1				60
D	COC	1.00	PMV	1				
2A	CLASSIC 25WG	0.023	LAA	1	30	23	13	87
B	EXPRESS 75WG	0.007	LAA	1				82
C	(G)2,4-D-ESTER	0.25	LAA	1				70
D	COC	1.00	PMV	1				
3A	CLASSIC 25WG	0.031	LAA	1	33	23	30	94
B	EXPRESS 75WG	0.0094	LAA	1				94
C	(G)2,4-D-ESTER	0.25	LAA	1				82
D	COC	1.00	PMV	1				
4A	CLASSIC 25WG	0.047	LAA	1	43	33	27	97
B	EXPRESS 75WG	0.014	LAA	1				98
C	(G)2,4-D-ESTER	0.25	LAA	1				91
D	COC	1.00	PMV	1				
5A	WEATHERMAX 4.5	0.75	LAA	1	27	25	32	22
B	(G)2,4-D-ESTER	0.25	LAA	1				43
C	LIQUID AMS	5.00	PMV	1				40
6A	WEATHERMAX 4.5	0.75	LAA	1	22	0	0	23
B	LIQUID AMS	5.00	PMV	1				27
7A	VALOR SX 51WDG	0.063	LAA	1	62	57	60	65
B	WEATHERMAX 4.5	0.75	LAA	1				78
C	(G)2,4-D-ESTER	0.25	LAA	1				70
D	COC	1.00	PMV	1				
E	LIQUID AMS	5.00	PMV	1				
8A	VALOR SX 51WDG	0.048	LAA	1	35	33	30	42
B	CLARITY	0.25	LAA	1				50
C	ACTIVATOR 90	0.25	PMV	1				52
9A	VALOR SX 51WDG	0.048	LAA	1	57	50	43	83
B	SCEPTER 70DG	0.066	LAA	1				83
C	(G)2,4-D-ESTER	0.50	LAA	1				82
D	COC	1.00	PMV	1				
10A	VALOR SX 51WDG	0.048	LAA	1	47	33	30	88
B	SCEPTER 70DG	0.066	LAA	1				91
C	WEATHERMAX 4.5	0.38	LAA	1				88
D	LIQUID AMS	5.00	PMV	1				
11A	VALOR SX 51WDG	0.056	LAA	1	78	67	63	93
B	SCEPTER 70DG	0.092	LAA	1				96
C	(G)2,4-D-ESTER	0.50	LAA	1				96
D	COC	1.00	PMV	1				
E	LIQUID AMS	5.00	PMV	1				
12A	SCEPTER 70DG	0.092	LAA	1	53	50	47	73
B	BLANKET 75WG	0.141	LAA	1				82
C	(G)2,4-D-ESTER	0.50	LAA	1				75
D	COC	1.00	PMV	1				
E	LIQUID AMS	5.00	PMV	1				
13A	SCEPTER 70DG	0.092	LAA	1	33	33	37	67
B	(G)2,4-D-ESTER	0.50	LAA	1				60
C	COC	1.00	PMV	1				60
D	LIQUID AMS	5.00	PMV	1				
14A	SCEPTER 70DG	0.123	LAA	1	40	33	33	80
B	(G)2,4-D-ESTER	0.50	LAA	1				80
C	COC	1.00	PMV	1				79
D	LIQUID AMS	5.00	PMV	1				

TITLE: Fall herbicide programs for soybean. N-200

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	STEME	LAMAM	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					11/30/05	11/30/05	11/30/05	04/13/05	04/13/05
15A»	EXTREME 2.17L	0.814	LAA	1	20	0	0	33	33
	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	SPARTAN 4F	0.125	LAA	1	48	40	37	88	93
	B CLASSIC 25WG	0.016	LAA	1					
	C (G)2,4-D-ESTER	0.25	LAA	1					
	D»COC	1.00	PMV	1					
17A	SPARTAN 4F	0.125	LAA	1	28	23	20	67	72
	B CLASSIC 25WG	0.008	LAA	1					
	C (G)2,4-D-ESTER	0.25	LAA	1					
	D»COC	1.00	PMV	1					
18A	SPARTAN 4F	0.125	LAA	1	53	40	37	47	53
	B SENCOR 75WG	0.188	LAA	1					
	C (G)2,4-D-ESTER	0.25	LAA	1					
	D»COC	1.00	PMV	1					
19A	SPARTAN 4F	0.125	LAA	1	37	23	23	53	47
	B SENCOR 75WG	0.094	LAA	1					
	C (G)2,4-D-ESTER	0.25	LAA	1					
	D»COC	1.00	PMV	1					
20A	BASIS (75WG)	0.0117	LAA	1	33	30	27	82	80
	B EXPRESS 75WG	0.0044	LAA	1					
	C (G)2,4-D-ESTER	0.25	LAA	1					
	D»COC	1.00	PMV	1					
21A	AIM EC	0.008	LAA	1	42	37	37	88	88
	B EXPRESS 75WG	0.0047	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
LSD (0.05)					12.91	10.19	15.07	16.26	15.26
STANDARD DEVIATION					6.39	5.00	7.46	8.00	7.55
									17.82
									8.82

TITLE: Fall herbicide programs for soybean. N-200
CREATED: 11/14/2005 **REVISED:** 08/11/2006 **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	STEME	LAMAM	ERICA	CHEAL	SETFA		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					04/13/05	05/18/05	05/18/05	05/18/05		
1A	CLASSIC 25WG	0.016	LAA	1	72	99	99	55	83	43
B	EXPRESS 75WG	0.0047	LAA	1						
C	(G)2,4-D-ESTER	0.25	LAA	1						
D»	COC	1.00	PMV	1						
2A	CLASSIC 25WG	0.023	LAA	1	85	99	99	67	93	63
B	EXPRESS 75WG	0.007	LAA	1						
C	(G)2,4-D-ESTER	0.25	LAA	1						
D»	COC	1.00	PMV	1						
3A	CLASSIC 25WG	0.031	LAA	1	93	99	99	73	97	78
B	EXPRESS 75WG	0.0094	LAA	1						
C	(G)2,4-D-ESTER	0.25	LAA	1						
D»	COC	1.00	PMV	1						
4A	CLASSIC 25WG	0.047	LAA	1	99	99	99	79	99	89
B	EXPRESS 75WG	0.014	LAA	1						
C	(G)2,4-D-ESTER	0.25	LAA	1						
D»	COC	1.00	PMV	1						
5A»	WEATHERMAX 4.5	0.75	LAA	1	50	23	30	37	0	0
B	(G)2,4-D-ESTER	0.25	LAA	1						
C»	LIQUID AMS	5.00	PMV	1						
6A»	WEATHERMAX 4.5	0.75	LAA	1	40	27	30	27	0	0
B»	LIQUID AMS	5.00	PMV	1						
7A»	VALOR SX 51WDG	0.063	LAA	1	91	40	37	47	0	0
B»	WEATHERMAX 4.5	0.75	LAA	1						
C	(G)2,4-D-ESTER	0.25	LAA	1						
D»	COC	1.00	PMV	1						
E»	LIQUID AMS	5.00	PMV	1						
8A»	VALOR SX 51WDG	0.048	LAA	1	68	37	43	50	55	50
B	CLARITY	0.25	LAA	1						
C»	ACTIVATOR 90	0.25	PMV	1						
9A»	VALOR SX 51WDG	0.048	LAA	1	95	58	60	40	78	33
B	SCEPTER 70DG	0.066	LAA	1						
C	(G)2,4-D-ESTER	0.50	LAA	1						
D»	COC	1.00	PMV	1						
10A»	VALOR SX 51WDG	0.048	LAA	1	99	77	76	70	81	53
B	SCEPTER 70DG	0.066	LAA	1						
C»	WEATHERMAX 4.5	0.38	LAA	1						
D»	LIQUID AMS	5.00	PMV	1						
11A»	VALOR SX 51WDG	0.056	LAA	1	99	80	78	76	88	57
B	SCEPTER 70DG	0.092	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						
12A	SCEPTER 70DG	0.092	LAA	1	88	63	64	72	89	57
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						
13A	SCEPTER 70DG	0.092	LAA	1	70	70	63	60	58	48
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	5.00	PMV	1						
14A	SCEPTER 70DG	0.123	LAA	1	92	73	70	76	75	52
B	(G)2,4-D-ESTER	0.50	LAA	1						
C»	COC	1.00	PMV	1						
D»	LIQUID AMS	5.00	PMV	1						

TITLE: Fall herbicide programs for soybean. N-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 04/13/05	STEME CON % 05/18/05	LAMAM CON % 05/18/05	ERICA CON % 05/18/05	CHEAL CON % 05/18/05	SETFA CON % 05/18/05
15A»	EXTREME 2.17L	0.814	LAA	1	53	27	30	45	48	43
	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	SPARTAN 4F	0.125	LAA	1	99	67	68	77	88	52
	B CLASSIC 25WG	0.016	LAA	1						
	C (G)2,4-D-ESTER	0.25	LAA	1						
	D»COC	1.00	PMV	1						
17A	SPARTAN 4F	0.125	LAA	1	86	37	40	63	77	43
	B CLASSIC 25WG	0.008	LAA	1						
	C (G)2,4-D-ESTER	0.25	LAA	1						
	D»COC	1.00	PMV	1						
18A	SPARTAN 4F	0.125	LAA	1	63	30	30	48	37	23
	B SENCOR 75WG	0.188	LAA	1						
	C (G)2,4-D-ESTER	0.25	LAA	1						
	D»COC	1.00	PMV	1						
19A	SPARTAN 4F	0.125	LAA	1	63	43	37	52	60	43
	B SENCOR 75WG	0.094	LAA	1						
	C (G)2,4-D-ESTER	0.25	LAA	1						
	D»COC	1.00	PMV	1						
20A	BASIS (75WG)	0.0117	LAA	1	93	50	47	40	0	0
	B EXPRESS 75WG	0.0044	LAA	1						
	C (G)2,4-D-ESTER	0.25	LAA	1						
	D»COC	1.00	PMV	1						
21A	AIM EC	0.008	LAA	1	99	57	53	47	0	27
	B EXPRESS 75WG	0.0047	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
LSD (0.05)					17.12	20.17	18.19	13.77	14.63	17.00
STANDARD DEVIATION					8.47	10.00	9.00	6.81	7.24	8.42

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

01 = ----- / FALL APPL'D 11/14/2005(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 %	11/30/2005	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	11/30/2005	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	11/30/2005	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	STEME	CON %	04/13/2005	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	LAMAM	CON %	04/13/2005	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	04/13/2005	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	04/13/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	STEME	CON %	05/18/2005	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	05/18/2005	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	05/18/2005	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	05/18/2005	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	05/18/2005	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N