

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.2  
 %OM: 4.7  
 PREV. CROP: -  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 20 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	04	04	04	04	04	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/06/02	04/09/02	04/10/02	04/11/02	04/17/02	AME
AIR TEMPERATURE	47	56	65	75	87	F
% REL. HUMIDITY	38	63	42	34	75	
WIND DIRECTION	NORTHEAST	NORTHWEST	SOUTHEAST	SOUTH	SOUTHWEST	
WIND SPEED	7.0	8.0	6.0	8.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
DEW	DRY	DRY	DRY	DRY	DRY	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN	---/00					IN
FS 3616RR	/					
05/23/2002						
*** PEST ***						
HENBIT	HGH/60 2.00/4.00	HGH/60 2.00/4.00	HGH/61 2.00/4.00	HGH/61 4.00/6.00	HGH/67 6.00/8.00	IN
CHICKWEED, COMMO	HGH/29 1.00/1.00	HGH/29 1.00/1.00	HGH/29 1.50/1.50	HGH/29 1.50/1.50	HGH/60 2.00/4.00	IN

\* TIMING CODES

04 = ----- / EPP 30 DBP

\* STAGE CODE

- 00 = DRY SEED
- 29 = >8 SIDE SHOOTS/TILLERS VISIBLE
- 60 = BLOOM INITIATION
- 61 = BEGINNING OF FLOWERING; 10% OF FLOWERS OPEN
- 67 = FLOWERING FINISHING; 70% OF FLOWERS OPEN, PEAK PETAL FALL

DATA MEAN

TITLE: Spring burndown at different air temperatures C-600 W  
 CREATED: 04/05/2002 REVISED: 11/26/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 10.00 FT WIDE X 20.00 FT LONG REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	LAMAM	LAMAM	LAMAM	STEME	LAMAM		
NUM	COMPONENT	RATE	UNIT	7 DAT	7 DAT	14 DAT	14 DAT	CON %	CON %		
			TM	04/15/02	04/15/02	04/22/02	04/22/02	05/08/02	05/08/02		
1A»	RNDUP ULTRA MA	0.56	LAA	2	88.00	32	97	25	99	0	
B»	LIQUID AMS	2.50	PMV	2							
2A»	GRAMOX MAX 3SL	0.625	LAA	2	68.00	57	70	15	30	0	
B»	COC	1.00	PMV	2							
3A»	GRAMOX MAX 3SL	0.625	LAA	2	82.00	37	96	57	77	0	
B	SENCOR 75WG	0.188	LAA	2							
C»	COC	1.00	PMV	2							
4A	CHECK	0.00	NA	0	0.00	0	0	0	0	0	
5A»	RNDUP ULTRA MA	0.56	LAA	3	96.00	32	99	33	99	28	
B»	LIQUID AMS	2.50	PMV	3							
6A»	GRAMOX MAX 3SL	0.625	LAA	3	91.00	67	80	43	62	0	
B»	COC	1.00	PMV	3							
7A»	GRAMOX MAX 3SL	0.625	LAA	3	94.00	52	91	68	77	0	
B	SENCOR 75WG	0.188	LAA	3							
C»	COC	1.00	PMV	3							
8A	CHECK	0.00	NA	0	3.00	0	0	0	0	0	
9A»	RNDUP ULTRA MA	0.56	LAA	4	93.00	38	99	30	98	25	
B»	LIQUID AMS	2.50	PMV	4							
10A»	GRAMOX MAX 3SL	0.625	LAA	4	92.00	67	85	33	67	0	
B»	COC	1.00	PMV	4							
11A»	GRAMOX MAX 3SL	0.625	LAA	4	93.00	62	96	62	78	40	
B	SENCOR 75WG	0.188	LAA	4							
C»	COC	1.00	PMV	4							
12A	CHECK	0.00	NA	0	0.00	0	0	0	0	0	
13A»	RNDUP ULTRA MA	0.56	LAA	5	95.00	43	99	32	99	27	
B»	LIQUID AMS	2.50	PMV	5							
14A»	GRAMOX MAX 3SL	0.625	LAA	5	94.00	67	90	43	78	47	
B»	COC	1.00	PMV	5							
15A»	GRAMOX MAX 3SL	0.625	LAA	5	95.00	72	96	77	91	73	
B	SENCOR 75WG	0.188	LAA	5							
C»	COC	1.00	PMV	5							
16A	CHECK	0.00	NA	0	0.00	0	0	0	0	0	
17A»	RNDUP ULTRA MA	0.56	LAA	6	92.00	38	96	62	99	99	
B»	LIQUID AMS	2.50	PMV	6							
18A»	GRAMOX MAX 3SL	0.625	LAA	6	99.00	92	97	96	90	72	
B»	COC	1.00	PMV	6							
19A»	GRAMOX MAX 3SL	0.625	LAA	6	99.00	88	98	96	95	99	
B	SENCOR 75WG	0.188	LAA	6							
C»	COC	1.00	PMV	6							
20A	CHECK	0.00	NA	0	0.00	0	0	0	0	0	
					LSD (0.05)	3.32	4.71	6.28	5.81	4.67	3.00
					STANDARD DEVIATION	1.64	2.33	3.11	2.88	2.31	1.47

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING

## DATA MEAN

## \* TIMING CODES

02 = ----- / EPP 60 DBP

03 = ----- / EPP 45 DBP

04 = ----- / EPP 30 DBP 04/06/2002 (1), 04/09/2002 (2), 04/10/2002 (3), 04/11/2002 (4),  
04/17/2002 (5)

05 = ----- / EPP 15 DBP

06 = ----- / EPP 7 DBP

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	7 DAT	04/15/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	LAMAM	7 DAT	04/15/2002	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	LAMAM	14 DAT	04/22/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	LAMAM	14 DAT	04/22/2002	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	STEME	CON %	05/08/2002	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	LAMAM	CON %	05/08/2002	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N