

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 23 FEET
 PLOT AREA: 172.5 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	04	
TYPE	LIQMIX	
APPLICATION DATE	04/05/10	AME
AIR TEMPERATURE	72	F
% REL.HUMIDITY	47	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY 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	
*** PEST ***		
HORSEWEED / MARE	---/19 1.00/2.00	IN
HENBIT	---/19 1.00/4.00	IN
CHICKWEED, COMMO	---/19 1.00/3.00	IN
PENNYCRESS, FIEL	---/19 1.00/8.00	IN

* TIMING CODES

04 = ----- / EPP 30 DBP

* STAGE CODE

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

TITLE: Winfield Adjuvant Burndown Study with Sharpen. M-9 700
CREATED: 04/01/2010 **REVISED:** 08/18/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 23.00 FT LONG
PLOT AREA: 172.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			LAMAM	STEME	THLAR	ERICA	LAMAM	STEME
		RATE	UNIT	TM	CON % 04/09/10	CON % 04/09/10	CON % 04/09/10	CON % 04/09/10	CON % 04/14/10	CON % 04/14/10
1A»	SHARPEN 2.85L	0.017	LAA	4	20	45	42	58	30	72
B»	20 GPA	0.00	NA	0						
2A»	SHARPEN 2.85L	0.017	LAA	4	30	68	57	75	43	81
B»	MSO	1.00	PMV	4						
C»	20 GPA	0.00	NA	0						
3A»	SHARPEN 2.85L	0.017	LAA	4	30	72	57	74	43	80
B»	MSO	1.00	PMV	4						
C»	10 GPA	0.00	NA	0						
4A»	SHARPEN 2.85L	0.017	LAA	4	22	63	45	65	28	70
B»	MSO	1.00	PMV	4						
C»	5 GPA	0.00	NA	0						
5A»	SHARPEN 2.85L	0.017	LAA	4	30	72	55	73	46	85
B»	DESTINY HC	0.50	PMV	4						
C»	20 GPA	0.00	NA	0						
6A»	SHARPEN 2.85L	0.017	LAA	4	25	67	52	68	44	84
B»	DESTINY HC	0.50	PMV	4						
C»	10 GPA	0.00	NA	0						
7A»	SHARPEN 2.85L	0.017	LAA	4	32	77	60	78	47	89
B»	DESTINY HC	1.00	PMA	4						
C»	20 GPA	0.00	NA	0						
8A»	SHARPEN 2.85L	0.017	LAA	4	32	77	62	81	42	85
B»	DESTINY HC	1.00	PMA	4						
C»	10 GPA	0.00	NA	0						
9A»	SHARPEN 2.85L	0.017	LAA	4	30	74	62	78	42	87
B»	DESTINY HC	0.75	PMV	4						
C»	20 GPA	0.00	NA	0						
10A»	SHARPEN 2.85L	0.017	LAA	4	30	68	53	72	43	85
B»	DESTINY HC	0.75	PMV	4						
C»	10 GPA	0.00	NA	0						
LSD (0.05)					3.73	5.85	5.72	5.28	6.13	10.26
STANDARD DEVIATION					1.77	2.79	2.72	2.51	2.92	4.89

TITLE: Winfield Adjuvant Burndown Study with Sharpen. M-9 700
CREATED: 04/01/2010 **REVISED:** 08/18/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 23.00 FT LONG
PLOT AREA: 172.50 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	THLAR	ERICA	LAMAM	STEME	THLAR	ERICA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	04/14/10	04/14/10	04/19/10	04/19/10	04/19/10
1A»	SHARPEN 2.85L	0.017	LAA 4	78	80	30	65	70
B»	20 GPA	0.00	NA 0					78
2A»	SHARPEN 2.85L	0.017	LAA 4	82	90	45	85	82
B»	MSO	1.00	PMV 4					93
C»	20 GPA	0.00	NA 0					
3A»	SHARPEN 2.85L	0.017	LAA 4	78	89	40	81	77
B»	MSO	1.00	PMV 4					93
C»	10 GPA	0.00	NA 0					
4A»	SHARPEN 2.85L	0.017	LAA 4	73	85	33	73	72
B»	MSO	1.00	PMV 4					86
C»	5 GPA	0.00	NA 0					
5A»	SHARPEN 2.85L	0.017	LAA 4	85	94	53	96	86
B»	DESTINY HC	0.50	PMV 4					99
C»	20 GPA	0.00	NA 0					
6A»	SHARPEN 2.85L	0.017	LAA 4	83	93	50	94	85
B»	DESTINY HC	0.50	PMV 4					99
C»	10 GPA	0.00	NA 0					
7A»	SHARPEN 2.85L	0.017	LAA 4	89	97	50	96	85
B»	DESTINY HC	1.00	PMA 4					99
C»	20 GPA	0.00	NA 0					
8A»	SHARPEN 2.85L	0.017	LAA 4	84	94	42	93	79
B»	DESTINY HC	1.00	PMA 4					98
C»	10 GPA	0.00	NA 0					
9A»	SHARPEN 2.85L	0.017	LAA 4	86	95	47	92	85
B»	DESTINY HC	0.75	PMV 4					99
C»	20 GPA	0.00	NA 0					
10A»	SHARPEN 2.85L	0.017	LAA 4	82	94	47	91	82
B»	DESTINY HC	0.75	PMV 4					98
C»	10 GPA	0.00	NA 0					
		LSD (0.05)		7.00	6.51	9.28	8.00	5.51
		STANDARD DEVIATION		3.35	3.10	4.42	3.79	2.62
								6.15
								2.93

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 04 = ----- / EPP 30 DBP 04/05/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	LAMAM	CON %	04/09/2010	01	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	04/09/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	THLAR	CON %	04/09/2010	03	P	THLAR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	04/09/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	LAMAM	CON %	04/14/2010	01	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	STEME	CON %	04/14/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	THLAR	CON %	04/14/2010	03	P	THLAR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERICA	CON %	04/14/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	04/19/2010	01	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	STEME	CON %	04/19/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	THLAR	CON %	04/19/2010	03	P	THLAR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ERICA	CON %	04/19/2010	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N