

SOIL INFORMATIONTRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 40 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	04	
TYPE	LIQMIX	
APPLICATION DATE	04/06/12	AME
AIR TEMPERATURE	58	F
% REL.HUMIDITY	32	
WIND DIRECTION	NORTHEAST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
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	15.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
SHEPHERDSPURSE	---/19	
	2.00/8.00	IN
LAMBSQUARTERS, C	---/19	
	1.00/3.00	IN
HORSEWEED / MARE	---/19	
	1.00/3.00	IN
HENBIT	---/19	
	1.00/5.00	IN
CHICKWEED, COMMO	---/19	
	1.00/4.00	IN
DANDELION, COMMO	---/19	
	1.00/4.00	IN

* TIMING CODES

04 = ----- / EPP 30DBP

* STAGE CODE

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

TITLE: Sharpen, Adjuvants, and Glyphosate for Burndown Programs I. C-200
CREATED: 03/29/2012 **REVISED:** 08/02/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 40.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	STEME	LAMAM	CAPBP	ERICA	TAROF	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					04/13/12	04/13/12	04/13/12	04/13/12		
1A»	SHARPEN 2.85L	0.011	LAA	4	89	88	82	82	77	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	FIREZONE	1.00	PMV	4						
D»	LIQUID AMS	2.50	PMV	4						
2A»	SHARPEN 2.85L	0.011	LAA	4	89	88	83	82	73	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	FIREZONE	1.00	PMV	4						
D»	QUEST	3.00	PMA	4						
3A»	SHARPEN 2.85L	0.011	LAA	4	93	91	85	85	77	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	FIREZONE	1.00	PMV	4						
4A»	SHARPEN 2.85L	0.011	LAA	4	93	90	84	83	75	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	PERSIST ULTRA	1.00	PMV	4						
D»	LIQUID AMS	2.50	PMV	4						
5A»	SHARPEN 2.85L	0.011	LAA	4	90	87	80	80	73	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	PERSIST ULTRA	1.00	PMV	4						
6A»	SHARPEN 2.85L	0.011	LAA	4	93	91	84	84	75	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	MSO LECITECH	1.00	PMV	4						
D»	LIQUID AMS	2.50	PMV	4						
7A»	SHARPEN 2.85L	0.011	LAA	4	89	90	83	83	72	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	MSO LECITECH	1.00	PMV	4						
8A»	SHARPEN 2.85L	0.011	LAA	4	92	90	85	85	73	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	DESTINY HC	0.75	PMA	4						
D»	LIQUID AMS	2.50	PMV	4						
9A»	SHARPEN 2.85L	0.011	LAA	4	84	82	76	78	67	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	DESTINY HC	0.75	PMA	4						
10A»	SHARPEN 2.85L	0.011	LAA	4	89	83	80	78	75	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	SUPER KIX	30.00	ZMA	4						
D»	LIQUID AMS	2.50	PMV	4						
11A»	SHARPEN 2.85L	0.011	LAA	4	89	88	83	80	73	99
B»	ROUNDUP ORIGIN	0.38	LAA	4						
C»	SUPER KIX	30.00	ZMA	4						
12A»	ROUNDUP ORIGIN	0.38	LAA	4	70	58	60	57	50	78
B»	FIREZONE	1.00	PMV	4						
C»	LIQUID AMS	2.50	PMV	4						
LSD (0.05)					7.54	7.23	8.27	7.53	12.68	7.86
STANDARD DEVIATION					3.63	3.49	4.00	3.63	6.11	3.79

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PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	STEME	LAMAM	CAPBP	ERICA	TAROF	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12
1A»	SHARPEN 2.85L	0.011	LAA 4	99	98	98	99	97
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	FIREZONE	1.00	PMV 4					
D»	LIQUID AMS	2.50	PMV 4					
2A»	SHARPEN 2.85L	0.011	LAA 4	99	99	98	99	98
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	FIREZONE	1.00	PMV 4					
D»	QUEST	3.00	PMA 4					
3A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	FIREZONE	1.00	PMV 4					
4A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	PERSIST ULTRA	1.00	PMV 4					
D»	LIQUID AMS	2.50	PMV 4					
5A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	96
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	PERSIST ULTRA	1.00	PMV 4					
6A»	SHARPEN 2.85L	0.011	LAA 4	99	98	99	99	98
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	MSO LECITECH	1.00	PMV 4					
D»	LIQUID AMS	2.50	PMV 4					
7A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	98
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	MSO LECITECH	1.00	PMV 4					
8A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	DESTINY HC	0.75	PMA 4					
D»	LIQUID AMS	2.50	PMV 4					
9A»	SHARPEN 2.85L	0.011	LAA 4	99	98	99	99	98
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	DESTINY HC	0.75	PMA 4					
10A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	SUPER KIX	30.00	ZMA 4					
D»	LIQUID AMS	2.50	PMV 4					
11A»	SHARPEN 2.85L	0.011	LAA 4	99	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA 4					
C»	SUPER KIX	30.00	ZMA 4					
12A»	ROUNDUP ORIGIN	0.38	LAA 4	99	93	95	99	93
B»	FIREZONE	1.00	PMV 4					
C»	LIQUID AMS	2.50	PMV 4					
LSD (0.05)				0.00	1.90	1.31	0.00	2.65
STANDARD DEVIATION				0.00	0.915	0.63	0.00	1.28

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 40.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	STEME	LAMAM	CAPBP	ERICA	TAROF	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/04/12	05/04/12	05/04/12	05/04/12
1A»	SHARPEN 2.85L	0.011	LAA	4	99	99	98	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				96
C»	FIREZONE	1.00	PMV	4				99
D»	LIQUID AMS	2.50	PMV	4				
2A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	97
B»	ROUNDUP ORIGIN	0.38	LAA	4				99
C»	FIREZONE	1.00	PMV	4				
D»	QUEST	3.00	PMA	4				
3A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	FIREZONE	1.00	PMV	4				
4A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	PERSIST ULTRA	1.00	PMV	4				
D»	LIQUID AMS	2.50	PMV	4				
5A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	97
B»	ROUNDUP ORIGIN	0.38	LAA	4				99
C»	PERSIST ULTRA	1.00	PMV	4				
6A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	MSO LECITECH	1.00	PMV	4				
D»	LIQUID AMS	2.50	PMV	4				
7A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	98
B»	ROUNDUP ORIGIN	0.38	LAA	4				99
C»	MSO LECITECH	1.00	PMV	4				
8A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	DESTINY HC	0.75	PMA	4				
D»	LIQUID AMS	2.50	PMV	4				
9A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	DESTINY HC	0.75	PMA	4				
10A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	SUPER KIX	30.00	ZMA	4				
D»	LIQUID AMS	2.50	PMV	4				
11A»	SHARPEN 2.85L	0.011	LAA	4	99	99	99	99
B»	ROUNDUP ORIGIN	0.38	LAA	4				
C»	SUPER KIX	30.00	ZMA	4				
12A»	ROUNDUP ORIGIN	0.38	LAA	4	99	96	98	94
B»	FIREZONE	1.00	PMV	4				99
C»	LIQUID AMS	2.50	PMV	4				
LSD (0.05)					0.00	0.917	1.29	0.00
STANDARD DEVIATION					0.00	0.442	0.624	0.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

04 = ----- / EPP 30DBP 04/06/2012(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 %	04/13/2012	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	LAMAM	CON %	04/13/2012	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CAPBP	CON %	04/13/2012	03	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	04/13/2012	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	TAROF	CON %	04/13/2012	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	04/13/2012	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	04/20/2012	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	04/20/2012	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CAPBP	CON %	04/20/2012	03	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	04/20/2012	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	TAROF	CON %	04/20/2012	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	04/20/2012	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	05/04/2012	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	05/04/2012	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CAPBP	CON %	05/04/2012	03	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	05/04/2012	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	TAROF	CON %	05/04/2012	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	05/04/2012	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N