

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	05	
TYPE	LIQMIX	
APPLICATION DATE	05/01/13	AME
AIR TEMPERATURE	65	F
% REL.HUMIDITY	52	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
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	---	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, SHEPHERDSPURSE	---/19 2.00/12.0	IN
P, HORSEWEED / MARE	---/19 1.00/5.00	IN
P, LETTUCE, PRICKLY	---/19 2.00/8.00	IN
P, HENBIT	---/19 2.00/6.00	IN
P, CHICKWEED, COMMO	---/19 2.00/6.00	IN
P, DANDELION, COMMO	---/19 2.00/4.00	IN

* TIMING CODES

05 = ----- / EPP 15DBP

* STAGE CODE

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

TITLE: Burndown Weed Control with AGH 11021. C-Lake
CREATED: 04/24/2013 **REVISED:** 08/14/2013 **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
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		STEME	LAMAM	LACSE	TAROF	CAPSS	ERICA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/08/13	05/08/13	05/08/13	05/08/13	05/08/13
1A»	RNDUP POWERMAX	0.56	LAA	5	55	48	63	47	38
2A»	RNDUP POWERMAX	0.56	LAA	5	67	67	77	63	57
B»	AGH 11021	0.75	PMA	5					73
3A»	RNDUP POWERMAX	0.56	LAA	5	73	72	79	67	63
B»	AGH 11021	0.75	PMA	5					75
C»	AG 02013	4.00	ZMA	5					
D»	CLASS ACT NG	2.50	PMV	5					
4A»	RNDUP POWERMAX	0.56	LAA	5	70	70	77	65	60
B»	AGH 11021	0.75	PMA	5					75
C»	AG 02013	4.00	ZMA	5					
D»	SUPERB HC	1.00	PMA	5					
E»	CLASS ACT NG	2.50	PMV	5					
5A»	RNDUP POWERMAX	0.56	LAA	5	67	70	73	65	62
B»	AGH 11021	0.75	PMA	5					72
C»	AG 02013	4.00	ZMA	5					
D»	DESTINY HC	1.00	PMA	5					
E»	CLASS ACT NG	2.50	PMV	5					
6A»	RNDUP POWERMAX	0.56	LAA	5	70	67	73	63	60
B»	AGH 11021	1.50	PMA	5					72
7A»	RNDUP POWERMAX	0.56	LAA	5	73	72	80	70	67
B»	AGH 11021	1.50	PMA	5					79
C»	AG 02013	4.00	ZMA	5					
D»	CLASS ACT NG	2.50	PMV	5					
8A»	RNDUP POWERMAX	0.56	LAA	5	65	60	70	58	57
B	CLARITY	0.25	PMA	5					70
LSD (0.05)					5.19	7.15	7.16	7.00	7.18
STANDARD DEVIATION					2.42	3.33	3.34	3.27	3.35
									8.41
									3.92

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NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/15/13	05/15/13	05/15/13	05/15/13	05/15/13
1A»	RNDUP POWERMAX	0.56	LAA	5	98	94	87	78	74
2A»	RNDUP POWERMAX	0.56	LAA	5	99	97	93	89	85
B»	AGH 11021	0.75	PMA	5					99
3A»	RNDUP POWERMAX	0.56	LAA	5	99	99	96	93	89
B»	AGH 11021	0.75	PMA	5					99
C»	AG 02013	4.00	ZMA	5					
D»	CLASS ACT NG	2.50	PMV	5					
4A»	RNDUP POWERMAX	0.56	LAA	5	99	99	96	92	87
B»	AGH 11021	0.75	PMA	5					99
C»	AG 02013	4.00	ZMA	5					
D»	SUPERB HC	1.00	PMA	5					
E»	CLASS ACT NG	2.50	PMV	5					
5A»	RNDUP POWERMAX	0.56	LAA	5	99	99	96	90	88
B»	AGH 11021	0.75	PMA	5					99
C»	AG 02013	4.00	ZMA	5					
D»	DESTINY HC	1.00	PMA	5					
E»	CLASS ACT NG	2.50	PMV	5					
6A»	RNDUP POWERMAX	0.56	LAA	5	99	98	94	89	85
B»	AGH 11021	1.50	PMA	5					99
7A»	RNDUP POWERMAX	0.56	LAA	5	99	99	97	92	89
B»	AGH 11021	1.50	PMA	5					99
C»	AG 02013	4.00	ZMA	5					
D»	CLASS ACT NG	2.50	PMV	5					
8A»	RNDUP POWERMAX	0.56	LAA	5	99	98	93	83	83
B	CLARITY	0.25	PMA	5					99
LSD (0.05)					0.715	2.31	3.22	5.00	8.19
STANDARD DEVIATION					0.333	1.07	1.50	2.31	3.82

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 05/29/13	LAMAM CON % 05/29/13	LACSE CON % 05/29/13	TAROF CON % 05/29/13	CAPSS CON % 05/29/13	ERICA CON % 05/29/13
1A»RNDUP POWERMAX	0.56	LAA	5	99	98	94	88	85	96
2A»RNDUP POWERMAX	0.56	LAA	5	99	99	98	94	92	99
B»AGH 11021	0.75	PMA	5						
3A»RNDUP POWERMAX	0.56	LAA	5	99	99	98	94	94	99
B»AGH 11021	0.75	PMA	5						
C»AG 02013	4.00	ZMA	5						
D»CLASS ACT NG	2.50	PMV	5						
4A»RNDUP POWERMAX	0.56	LAA	5	99	99	99	96	96	99
B»AGH 11021	0.75	PMA	5						
C»AG 02013	4.00	ZMA	5						
D»SUPERB HC	1.00	PMA	5						
E»CLASS ACT NG	2.50	PMV	5						
5A»RNDUP POWERMAX	0.56	LAA	5	99	99	98	90	92	99
B»AGH 11021	0.75	PMA	5						
C»AG 02013	4.00	ZMA	5						
D»DESTINY HC	1.00	PMA	5						
E»CLASS ACT NG	2.50	PMV	5						
6A»RNDUP POWERMAX	0.56	LAA	5	99	99	96	90	89	99
B»AGH 11021	1.50	PMA	5						
7A»RNDUP POWERMAX	0.56	LAA	5	99	99	99	96	95	99
B»AGH 11021	1.50	PMA	5						
C»AG 02013	4.00	ZMA	5						
D»CLASS ACT NG	2.50	PMV	5						
8A»RNDUP POWERMAX	0.56	LAA	5	99	99	98	88	91	99
B CLARITY	0.25	PMA	5						
LSD (0.05)				0.00	0.715	1.42	2.56	4.89	1.89
STANDARD DEVIATION				0.00	0.333	0.664	1.19	2.28	0.882

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

05 = ----- / EPP 15DBP 05/01/2013(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 %	05/08/2013	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/08/2013	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LACSE	CON %	05/08/2013	03	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	05/08/2013	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CAPSS	CON %	05/08/2013	05	P	CAPSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	05/08/2013	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	05/15/2013	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	05/15/2013	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LACSE	CON %	05/15/2013	03	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	TAROF	CON %	05/15/2013	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CAPSS	CON %	05/15/2013	05	P	CAPSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ERICA	CON %	05/15/2013	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	05/29/2013	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	05/29/2013	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	LACSE	CON %	05/29/2013	03	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	TAROF	CON %	05/29/2013	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CAPSS	CON %	05/29/2013	05	P	CAPSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ERICA	CON %	05/29/2013	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N