

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
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQMIX	
APPLICATION DATE	05/23/11	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	62	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	9.0	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	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 ***		
LAMBSQUARTERS, C	---/19	
	2.00/8.00	IN
HORSEWEED / MARE	---/19	
	2.00/10.0	IN
HENBIT	---/19	
	4.00/8.00	IN
FOXTAIL, GIANT	---/15	
	1.00/4.00	IN
CHICKWEED, COMMO	---/19	
	1.00/4.00	IN

* TIMING CODES

06 = ----- / EPP 7DBP

* STAGE CODE

15 = 5 LEAVES UNFOLDED

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

TITLE: Burndown Adjuvant Comparisons in No-Till Soybean. N-100
CREATED: 04/27/2011 **REVISED:** 09/06/2011 **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 NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	SETFA	CHEAL	GLXMA
		RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
					06/01/11	06/01/11	06/01/11	06/01/11	06/01/11	06/17/11
1A»	RNDUP POWERMAX	0.77	LAA	6	99	98	99	96	98	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»MSO	1.00	PMV	6						
	D»N-PAK AMS	2.50	PMV	6						
2A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	99	98	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»DESTINY HC	0.50	PMA	6						
	D»AG 08034	1.00	PMV	6						
3A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	99	98	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»DESTINY HC	1.00	PMA	6						
	D»AG 08034	1.00	PMV	6						
4A»	RNDUP POWERMAX	0.77	LAA	6	99	98	99	99	98	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»E-99 6AE	0.50	LAA	6						
	D»DESTINY HC	0.50	PMV	6						
	E»AG 08034	1.00	PMV	6						
5A»	RNDUP POWERMAX	0.77	LAA	6	96	94	93	80	88	0
	B»DIMETRIC 75DF	0.375	LAA	6						
	C»E-99 6AE	0.50	LAA	6						
	D»DESTINY HC	0.50	PMV	6						
	E»AG 08034	1.00	PMV	6						
6A»	DIMETRIC 75DF	0.375	LAA	6	99	99	99	80	95	0
	B»E-99 6AE	0.50	LAA	6						
	C»DESTINY HC	0.50	PMV	6						
	D»AG 08034	1.00	PMV	6						
7A»	SHARPEN 2.85L	0.022	LAA	6	99	96	99	73	93	0
	B»E-99 6AE	0.50	LAA	6						
	C»DESTINY HC	0.50	PMA	6						
	D»AG 08034	1.00	PMV	6						
8A»	RNDUP POWERMAX	0.77	LAA	6	99	97	99	99	99	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»AG 09008	1.00	PMA	6						
	D»DESTINY HC	0.50	PMV	6						
	E»AG 08034	1.00	PMV	6						
9A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	99	99	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»DIMETRIC 75DF	0.375	LAA	6						
	D»DESTINY HC	0.50	PMV	6						
	E»AG 08034	1.00	PMV	6						
10A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	99	99	0
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»DIMETRIC 75DF	0.188	LAA	6						
	D»DESTINY HC	0.50	PMV	6						
	E»AG 08034	1.00	PMV	6						
11A»	SHARPEN 2.85L	0.022	LAA	6	99	99	99	84	99	0
	B»DIMETRIC 75DF	0.375	LAA	6						
	C»DESTINY HC	1.00	PMA	6						
	D»AG 08034	1.00	PMV	6						
12A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	98	98	0
	B»DIMETRIC 75DF	0.375	LAA	6						
	C»DESTINY HC	0.50	PMV	6						
	D»AG 08034	1.00	PMV	6						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Burndown Adjuvant Comparisons in No-Till Soybean. N-100

TRT	TREATMENT	DOSAGE		STEME	LAMAM	ERICA	SETFA	CHEAL	GLXMA	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/01/11	06/01/11	06/01/11	06/01/11	06/17/11	
14A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	98	97	0
	B»DIMETRIC 75DF	0.188	LAA	6						
	C»DESTINY HC	0.50	PMV	6						
	D»AG 08034	1.00	PMV	6						
15A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	6						
	C»FIERCE 76WG	0.14	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
		LSD (0.05)			2.24	4.54	4.74	8.19	3.86	0.00
		STANDARD DEVIATION			1.10	2.22	2.31	4.00	1.89	0.00

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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 NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	ERICA	SETFA	CHEAL
		RATE	UNIT		CON %	CON %	CON %	CON %	CON %
					06/17/11	06/17/11	06/17/11	06/17/11	06/17/11
1A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	60	95
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»MSO	1.00	PMV	6					
	D»N-PAK AMS	2.50	PMV	6					
2A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	62	98
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»DESTINY HC	0.50	PMA	6					
	D»AG 08034	1.00	PMV	6					
3A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	62	99
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»DESTINY HC	1.00	PMA	6					
	D»AG 08034	1.00	PMV	6					
4A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	62	99
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»E-99 6AE	0.50	LAA	6					
	D»DESTINY HC	0.50	PMV	6					
	E»AG 08034	1.00	PMV	6					
5A»	RNDUP POWERMAX	0.77	LAA	6	99	99	90	62	99
	B»DIMETRIC 75DF	0.375	LAA	6					
	C»E-99 6AE	0.50	LAA	6					
	D»DESTINY HC	0.50	PMV	6					
	E»AG 08034	1.00	PMV	6					
6A»	DIMETRIC 75DF	0.375	LAA	6	99	99	99	52	99
	B»E-99 6AE	0.50	LAA	6					
	C»DESTINY HC	0.50	PMV	6					
	D»AG 08034	1.00	PMV	6					
7A»	SHARPEN 2.85L	0.022	LAA	6	99	99	99	52	99
	B»E-99 6AE	0.50	LAA	6					
	C»DESTINY HC	0.50	PMA	6					
	D»AG 08034	1.00	PMV	6					
8A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	65	99
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»AG 09008	1.00	PMA	6					
	D»DESTINY HC	0.50	PMV	6					
	E»AG 08034	1.00	PMV	6					
9A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	68	99
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»DIMETRIC 75DF	0.375	LAA	6					
	D»DESTINY HC	0.50	PMV	6					
	E»AG 08034	1.00	PMV	6					
10A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	65	99
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»DIMETRIC 75DF	0.188	LAA	6					
	D»DESTINY HC	0.50	PMV	6					
	E»AG 08034	1.00	PMV	6					
11A»	SHARPEN 2.85L	0.022	LAA	6	99	99	99	50	99
	B»DIMETRIC 75DF	0.375	LAA	6					
	C»DESTINY HC	1.00	PMA	6					
	D»AG 08034	1.00	PMV	6					
12A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	62	99
	B»DIMETRIC 75DF	0.375	LAA	6					
	C»DESTINY HC	0.50	PMV	6					
	D»AG 08034	1.00	PMV	6					
13A	CHECK	0.00	NA	0	0	0	0	0	0

TITLE: Burndown Adjuvant Comparisons in No-Till Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 06/17/11	LAMAM CON % 06/17/11	ERICA CON % 06/17/11	SETFA CON % 06/17/11	CHEAL CON % 06/17/11
14A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	70	99
	B»DIMETRIC 75DF	0.188	LAA	6					
	C»DESTINY HC	0.50	PMV	6					
	D»AG 08034	1.00	PMV	6					
15A»	RNDUP POWERMAX	0.77	LAA	6	99	99	99	79	99
	B (G)2,4-D-ESTER	0.50	LAA	6					
	C»FIERCE 76WG	0.14	LAA	6					
	D»LIQUID AMS	2.50	PMV	6					
LSD (0.05)					0.00	0.00	4.10	12.52	2.19
STANDARD DEVIATION					0.00	0.00	2.00	6.11	1.07

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

06 = ----- / EPP 7DBP 05/23/2011(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 %	06/01/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	06/01/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	06/01/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/01/2011	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/01/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/17/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/17/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/17/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ERICA	CON %	06/17/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/17/2011	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/17/2011	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = A 3431RR