

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.2  
 %OM: 4.7  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE:  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	05	06	09	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/20/99	04/29/99	05/04/99	AME
AIR TEMPERATURE	59	55	75	F
% REL.HUMIDITY	55	62	55	
WIND DIRECTION	EAST	NORTH	SOUTH	
WIND SPEED	2.0	5.0	12.0	M/H
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	
DEW	MOIST	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT				
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT			---/00	
DEKALB 589RR			/	IN
05/04/1999				
*** PEST ***				
SHEPHERDSPURSE	---/17	---/19	---/19	
	2.00/4.00	3.00/6.00	4.00/10.0	IN
CHICKWEED, COMMO	---/18	---/19	---/19	
	4.00/6.00	5.00/8.00	6.00/10.0	IN
DANDELION, COMMO	---/18	---/19	---/19	
	2.00/4.00	3.00/6.00	5.00/10.0	IN

\* TIMING CODES

05 = ----- / EPP 15DBP  
 06 = ----- / EPP 7DBP  
 09 = ----- / PREEMERGENCE

\* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** CBALBURN BALANCE FOR BURNDOWN IN NO-TILL CORN C-600W  
**CREATED:** 04/16/1999 **REVISED:** 08/05/1999 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	STEME	TAROF	CAPBP	ZEAMD	STEME	
		RATE	UNIT		CON % 05/12/99	CON % 05/12/99	CON % 05/12/99	CON % 05/12/99	CON % 06/04/99	CON % 06/04/99	
1A»	BALANCE 75WG	0.094	LAA	5	0	93	90	88	0	93	
B»	COC	1.25	PMV	5							
2A»	BALANCE 75WG	0.094	LAA	5	0	99	97	99	0	99	
B	ATRAZINE DF	1.50	LAA	5							
C»	COC	1.25	PMV	5							
3A»	BALANCE 75WG	0.118	LAA	5	0	95	93	96	0	98	
B»	COC	1.25	PMV	5							
4A»	BALANCE 75WG	0.118	LAA	5	0	99	95	99	0	99	
B	ATRAZINE DF	1.50	LAA	5							
C»	COC	1.25	PMV	5							
5A	CHECK	0.00	NA	0	0	0	0	0	0	0	
6A	ROUNDUP ULTRA	0.75	LAA	5	0	99	94	99	0	99	
B	AM. SULFATE	8.50	PMG	5							
7A»	BALANCE 75WG	0.094	LAA	6	0	82	77	74	0	96	
B»	COC	1.25	PMV	6							
8A»	BALANCE 75WG	0.094	LAA	6	0	93	86	89	0	99	
B	ATRAZINE DF	1.50	LAA	6							
C»	COC	1.25	PMV	6							
9A»	BALANCE 75WG	0.118	LAA	6	0	84	78	78	0	98	
B»	COC	1.25	PMV	6							
10A»	BALANCE 75WG	0.118	LAA	6	0	96	93	88	0	99	
B	ATRAZINE DF	1.50	LAA	6							
C»	COC	1.25	PMV	6							
11A	ROUNDUP ULTRA	0.75	LAA	6	0	95	85	91	0	99	
B	AM. SULFATE	8.50	PMG	6							
12A»	BALANCE 75WG	0.094	LAA	9	0	58	40	53	0	87	
B»	COC	1.25	PMV	9							
13A»	BALANCE 75WG	0.094	LAA	9	0	85	68	72	0	99	
B	ATRAZINE DF	1.50	LAA	9							
C»	COC	1.25	PMV	9							
14A»	BALANCE 75WG	0.118	LAA	9	0	77	58	57	0	98	
B»	COC	1.25	PMV	9							
15A»	BALANCE 75WG	0.118	LAA	9	0	88	70	75	0	99	
B	ATRAZINE DF	1.50	LAA	9							
C»	COC	1.25	PMV	9							
16A	ROUNDUP ULTRA	0.75	LAA	9	0	72	50	57	0	99	
B	AM. SULFATE	8.50	PMG	9							
					LSD (0.05)	0.00	7.45	9.44	6.09	0.00	3.72
					STANDARD DEVIATION	0.00	3.65	4.63	3.00	0.00	1.82

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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 **REPS:** 03

TRT	TREATMENT	DOSAGE	TAROF	CAPBP		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					06/04/99	06/04/99
1A»	BALANCE 75WG	0.094	LAA	5	75	94
B»	COC	1.25	PMV	5		
2A»	BALANCE 75WG	0.094	LAA	5	94	99
B	ATRAZINE DF	1.50	LAA	5		
C»	COC	1.25	PMV	5		
3A»	BALANCE 75WG	0.118	LAA	5	82	98
B»	COC	1.25	PMV	5		
4A»	BALANCE 75WG	0.118	LAA	5	92	99
B	ATRAZINE DF	1.50	LAA	5		
C»	COC	1.25	PMV	5		
5A	CHECK	0.00	NA	0	0	0
6A	ROUNDUP ULTRA	0.75	LAA	5	79	99
B	AM. SULFATE	8.50	PMG	5		
7A»	BALANCE 75WG	0.094	LAA	6	84	96
B»	COC	1.25	PMV	6		
8A»	BALANCE 75WG	0.094	LAA	6	88	99
B	ATRAZINE DF	1.50	LAA	6		
C»	COC	1.25	PMV	6		
9A»	BALANCE 75WG	0.118	LAA	6	77	96
B»	COC	1.25	PMV	6		
10A»	BALANCE 75WG	0.118	LAA	6	96	99
B	ATRAZINE DF	1.50	LAA	6		
C»	COC	1.25	PMV	6		
11A	ROUNDUP ULTRA	0.75	LAA	6	90	99
B	AM. SULFATE	8.50	PMG	6		
12A»	BALANCE 75WG	0.094	LAA	9	53	90
B»	COC	1.25	PMV	9		
13A»	BALANCE 75WG	0.094	LAA	9	77	99
B	ATRAZINE DF	1.50	LAA	9		
C»	COC	1.25	PMV	9		
14A»	BALANCE 75WG	0.118	LAA	9	71	93
B»	COC	1.25	PMV	9		
15A»	BALANCE 75WG	0.118	LAA	9	82	99
B	ATRAZINE DF	1.50	LAA	9		
C»	COC	1.25	PMV	9		
16A	ROUNDUP ULTRA	0.75	LAA	9	79	99
B	AM. SULFATE	8.50	PMG	9		
		LSD (0.05)			10.39	3.41
		STANDARD DEVIATION			5.09	1.67

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 05 = ----- / EPP 15DBP 04/20/1999 (1)  
 06 = ----- / EPP 7DBP 04/29/1999 (2)  
 09 = ----- / PREEMERGENCE 05/04/1999 (3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/12/1999	01	P	ZEAMD		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	CTRTR	SS	NOTE
002	STEME	CON %	05/12/1999	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	TAROF	CON %	05/12/1999	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CAPBP	CON %	05/12/1999	04	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/04/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	STEME	CON %	06/04/1999	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	TAROF	CON %	06/04/1999	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CAPBP	CON %	06/04/1999	04	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR