

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.2
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	05	
TYPE	LIQMXSPR	
APPLICATION DATE	04/25/01	AME
AIR TEMPERATURE	58	F
% REL.HUMIDITY	70	
WIND DIRECTION	SOUTH	
WIND SPEED	5.0	M/H
CLOUD COVER	PARTCLDY	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
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	
*** CROP ***		
CORN, DENT	---/01	
PIONEER 34R07	/	IN
05/08/2001		
*** PEST ***		
LAMBSQUARTERS, C	---/16	
	1.00/2.00	IN
FOXTAIL, GIANT	---/11	
	1.00/1.00	IN
CHICKWEED, COMMO	---/19	
	3.00/3.00	IN
DANDELION, COMMO	---/19	
	3.00/3.00	IN

* TIMING CODES
 05 = ----- / EPP 15DBP

* STAGE CODE
 01 = BEGINNING OF IMBIBITION
 11 = FIRST LEAF UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Early Preplant Burndown Treatments in Notill Corn C-600W

CREATED: 04/08/2001 REVISED: 07/31/2001

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		STEME CON % 05/03/01	TAROF CON % 05/03/01	CHEAL CON % 05/03/01	SETFA CON % 05/03/01	STEME CON % 05/21/01	TAROF CON % 05/21/01
		RATE	UNIT TM						
1A»	BALANCE PRO 4S	0.047	LAA 5	88	83	83	72	99	81
B»	COC	1.00	PMV 5						
2A»	BALANCE PRO 4S	0.047	LAA 5	97	84	98	83	99	93
B	ATRAZINE DF	1.00	LAA 5						
C»	COC	1.00	PMV 5						
3A»	BALANCE PRO 4S	0.07	LAA 5	96	88	96	84	99	87
B»	COC	1.00	PMV 5						
4A	CHECK	0.00	NA 0	0	0	0	0	0	0
5A»	BALANCE PRO 4S	0.07	LAA 5	99	91	99	96	99	97
B	ATRAZINE DF	1.00	LAA 5						
C»	COC	1.00	PMV 5						
6A»	BALANCE PRO 4S	0.094	LAA 5	98	89	96	88	99	99
B»	COC	1.00	PMV 5						
7A»	BALANCE PRO 4S	0.094	LAA 5	99	96	99	99	99	99
B	ATRAZINE DF	1.00	LAA 5						
C»	COC	1.00	PMV 5						
8A»	BASIS	0.023	LAA 5	85	75	83	96	99	88
B»	COC	1.00	PMV 5						
C»	LIQUID AMS	2.50	PMV 5						
9A	ATRAZINE DF	1.00	LAA 5	93	60	91	60	98	78
B»	COC	1.00	PMV 5						
10A»	GRAMOX MAX 3SL	0.78	LAA 5	99	75	98	99	99	68
B»	COC	1.00	PMV 5						
11A»	GRAMOX MAX 3SL	0.625	LAA 5	99	88	99	99	99	81
B	ATRAZINE DF	1.00	LAA 5						
C»	COC	1.00	PMV 5						
12A	SENCOR 75WG	0.188	LAA 5	99	85	93	78	99	90
B	(G)2,4-D-ESTER	0.50	LAA 5						
C»	COC	1.00	PMV 5						
13A	SENCOR 75WG	0.188	LAA 5	98	88	97	85	99	93
B	CLARITY	0.188	LAA 5						
C»	COC	1.00	PMV 5						
14A»	RNDUP ULTRA MA	0.75	LAA 5	90	83	88	93	99	87
B»	LIQUID AMS	2.50	PMV 5						
15A»	RNDUP ULTRA MA	0.38	LAA 5	92	88	96	94	99	98
B	(G)2,4-D-ESTER	0.50	LAA 5						
C»	LIQUID AMS	2.50	PMV 5						
16A	CLARITY	0.188	LAA 5	75	83	88	97	99	93
B	POAST + 1EC	0.125	LAA 5						
C»	COC	1.00	PMV 5						
17A	(G)2,4-D-ESTER	0.50	LAA 5	78	83	91	98	89	93
B	POAST + 1EC	0.125	LAA 5						
C»	COC	1.00	PMV 5						
18A	CLARITY	0.188	LAA 5	79	83	94	96	99	99
B	(G)2,4-D-ESTER	0.50	LAA 5						
C	POAST + 1EC	0.125	LAA 5						
D»	COC	1.00	PMV 5						
LSD (0.05)				5.33	6.00	5.26	5.22	1.77	8.57
STANDARD DEVIATION				2.63	3.00	2.60	2.58	0.874	4.24

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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 NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	SETFA
		RATE	UNIT	TM	CON % 05/21/01	CON % 05/21/01
1A»	BALANCE PRO 4S	0.047	LAA	5	88	83
B»	COC	1.00	PMV	5		
2A»	BALANCE PRO 4S	0.047	LAA	5	99	96
B	ATRAZINE DF	1.00	LAA	5		
C»	COC	1.00	PMV	5		
3A»	BALANCE PRO 4S	0.07	LAA	5	99	92
B»	COC	1.00	PMV	5		
4A	CHECK	0.00	NA	0	0	0
5A»	BALANCE PRO 4S	0.07	LAA	5	99	99
B	ATRAZINE DF	1.00	LAA	5		
C»	COC	1.00	PMV	5		
6A»	BALANCE PRO 4S	0.094	LAA	5	99	98
B»	COC	1.00	PMV	5		
7A»	BALANCE PRO 4S	0.094	LAA	5	99	99
B	ATRAZINE DF	1.00	LAA	5		
C»	COC	1.00	PMV	5		
8A»	BASIS	0.023	LAA	5	99	96
B»	COC	1.00	PMV	5		
C»	LIQUID AMS	2.50	PMV	5		
9A	ATRAZINE DF	1.00	LAA	5	94	65
B»	COC	1.00	PMV	5		
10A»	GRAMOX MAX 3SL	0.78	LAA	5	93	86
B»	COC	1.00	PMV	5		
11A»	GRAMOX MAX 3SL	0.625	LAA	5	98	97
B	ATRAZINE DF	1.00	LAA	5		
C»	COC	1.00	PMV	5		
12A	SENCOR 75WG	0.188	LAA	5	99	88
B	(G)2,4-D-ESTER	0.50	LAA	5		
C»	COC	1.00	PMV	5		
13A	SENCOR 75WG	0.188	LAA	5	99	83
B	CLARITY	0.188	LAA	5		
C»	COC	1.00	PMV	5		
14A»	RNDUP ULTRA MA	0.75	LAA	5	95	97
B»	LIQUID AMS	2.50	PMV	5		
15A»	RNDUP ULTRA MA	0.38	LAA	5	99	96
B	(G)2,4-D-ESTER	0.50	LAA	5		
C»	LIQUID AMS	2.50	PMV	5		
16A	CLARITY	0.188	LAA	5	96	96
B	POAST + 1EC	0.125	LAA	5		
C»	COC	1.00	PMV	5		
17A	(G)2,4-D-ESTER	0.50	LAA	5	96	96
B	POAST + 1EC	0.125	LAA	5		
C»	COC	1.00	PMV	5		
18A	CLARITY	0.188	LAA	5	98	96
B	(G)2,4-D-ESTER	0.50	LAA	5		
C	POAST + 1EC	0.125	LAA	5		
D»	COC	1.00	PMV	5		
		LSD (0.05)			3.69	5.41
		STANDARD DEVIATION			1.83	2.68

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15DBP 04/25/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	STEME	CON %	05/03/2001	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	TAROF	CON %	05/03/2001	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	05/03/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	SETFA	CON %	05/03/2001	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	STEME	CON %	05/21/2001	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	TAROF	CON %	05/21/2001	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CHEAL	CON %	05/21/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	05/21/2001	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N