

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.5
%OM: 3.4
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	05	
TYPE	LIQUID MI	
APPLICATION DATE	04/21/15	AME
TIME - BEGIN	11:50	24H
TIME - END	12:15	24H
AIR TEMPERATURE	59	F
% REL.HUMIDITY	58	
WIND DIRECTION	NORTHEAST	
WIND SPEED	9.0	M/H
CLOUD COVER	OVERCAST-	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	60/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
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	TO BE SEL	
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

* TIMING CODES

05 = --- / EPP 15DBP

TRIAL # US 182/17/01 003 01 : UCNOTILL2* C-600W
DATA MEAN

TITLE: Impact Tank Mix Programs in No-Tillll Corn. C-600W
CREATED: 04/11/2017 **REVISED:** 02/20/2018 **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	ERICA	TAROF	AMATA	PHBPU	ZEAMD	ERICA
		RATE	UNIT		CON % 05/16/17	CON % 05/16/17	CON % 05/16/17	CON % 05/16/17	CON % 05/30/17	CON % 05/30/17
1A	DUAL II MAGNUM	1.19	LAA	5	82	86	99	99	0	68
B	IMPACT 2.8SC	0.0164	LAA	5						
C	ATRAZINE 4L	1.00	LAA	5						
D	M>MSO	0.50	PMV	5						
E	28% UAN	2.50	PMV	5						
2A	DUAL II MAGNUM	1.19	LAA	5	88	96	99	99	0	80
B	IMPACT 2.8SC	0.0164	LAA	5						
C	RNDUP POWERMAX	1.125	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
3A	DUAL II MAGNUM	1.19	LAA	5	95	93	99	99	0	93
B	IMPACT 2.8SC	0.0164	LAA	5						
C	LIBERTY 2.34L	0.53	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
4A	DUAL II MAGNUM	1.19	LAA	5	94	96	99	99	0	93
B	IMPACT 2.8SC	0.0164	LAA	5						
C	SHARPEN 2.85L	0.0223	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
5A	DUAL II MAGNUM	1.19	LAA	5	99	96	99	99	0	96
B	IMPACT 2.8SC	0.0164	LAA	5						
C	2,4-D AMINE 3.	0.475	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	DUAL II MAGNUM	1.19	LAA	5	99	99	99	99	0	98
B	IMPACT 2.8SC	0.0164	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
8A	DUAL II MAGNUM	1.19	LAA	5	92	96	99	99	0	93
B	IMPACT 2.8SC	0.0164	LAA	5						
C	GRAMOX INTEON	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
9A	DUAL II MAGNUM	1.19	LAA	5	99	99	99	99	0	99
B	RNDUP POWERMAX	1.125	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
LSD (0.05)					6.0	7.8	0.0	0.0	0.0	10.2
STANDARD DEVIATION					2.8	3.7	0.0	0.0	0.0	4.8

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DATA MEAN**

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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	TAROF	AMATA	PHBPU	ZEAMD	ERICA	TAROF
		RATE	UNIT		CON % 05/30/17	CON % 05/30/17	CON % 05/30/17	CON % 06/14/17	CON % 06/14/17	CON % 06/14/17
1A	DUAL II MAGNUM	1.19	LAA	5	68	77	77	0	63	67
B	IMPACT 2.8SC	0.0164	LAA	5						
C	ATRAZINE 4L	1.00	LAA	5						
D	M>MSO	0.50	PMV	5						
E	28% UAN	2.50	PMV	5						
2A	DUAL II MAGNUM	1.19	LAA	5	75	78	77	0	75	75
B	IMPACT 2.8SC	0.0164	LAA	5						
C	RNDUP POWERMAX	1.125	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
3A	DUAL II MAGNUM	1.19	LAA	5	81	83	81	0	87	83
B	IMPACT 2.8SC	0.0164	LAA	5						
C	LIBERTY 2.34L	0.53	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
4A	DUAL II MAGNUM	1.19	LAA	5	88	77	83	0	93	87
B	IMPACT 2.8SC	0.0164	LAA	5						
C	SHARPEN 2.85L	0.0223	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
5A	DUAL II MAGNUM	1.19	LAA	5	89	88	85	0	95	88
B	IMPACT 2.8SC	0.0164	LAA	5						
C	2,4-D AMINE 3.	0.475	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	DUAL II MAGNUM	1.19	LAA	5	90	86	83	0	99	93
B	IMPACT 2.8SC	0.0164	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
8A	DUAL II MAGNUM	1.19	LAA	5	80	86	85	0	90	82
B	IMPACT 2.8SC	0.0164	LAA	5						
C	GRAMOX INTEON	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
9A	DUAL II MAGNUM	1.19	LAA	5	96	87	83	0	99	98
B	RNDUP POWERMAX	1.125	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
LSD (0.05)					12.0	11.0	9.0	0.0	8.9	12.7
STANDARD DEVIATION					5.7	5.2	4.2	0.0	4.2	6.0

TRIAL # US 182/17/01 003 01 : UCNOTILL2* C-600W
DATA MEAN

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 CREATED: 04/11/2017 REVISED: 02/20/2018 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	AMATA	PHBPU	ERICA	TAROF	AMATA	PHBPU
		RATE	UNIT		CON % 06/14/17	CON % 06/14/17	CON % 06/27/17	CON % 06/27/17	CON % 06/27/17	CON % 06/27/17
1A	DUAL II MAGNUM	1.19	LAA	5	77	77	70	78	91	93
B	IMPACT 2.8SC	0.0164	LAA	5						
C	ATRAZINE 4L	1.00	LAA	5						
D	M>MSO	0.50	PMV	5						
E	28% UAN	2.50	PMV	5						
2A	DUAL II MAGNUM	1.19	LAA	5	78	77	73	83	70	70
B	IMPACT 2.8SC	0.0164	LAA	5						
C	RNDUP POWERMAX	1.125	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
3A	DUAL II MAGNUM	1.19	LAA	5	80	77	80	80	57	70
B	IMPACT 2.8SC	0.0164	LAA	5						
C	LIBERTY 2.34L	0.53	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
4A	DUAL II MAGNUM	1.19	LAA	5	75	80	96	78	70	83
B	IMPACT 2.8SC	0.0164	LAA	5						
C	SHARPEN 2.85L	0.0223	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
5A	DUAL II MAGNUM	1.19	LAA	5	85	82	97	70	72	80
B	IMPACT 2.8SC	0.0164	LAA	5						
C	2,4-D AMINE 3.	0.475	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	DUAL II MAGNUM	1.19	LAA	5	85	82	99	92	75	92
B	IMPACT 2.8SC	0.0164	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
8A	DUAL II MAGNUM	1.19	LAA	5	85	83	88	80	83	77
B	IMPACT 2.8SC	0.0164	LAA	5						
C	GRAMOX INTEON	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
9A	DUAL II MAGNUM	1.19	LAA	5	85	84	99	86	65	75
B	RNDUP POWERMAX	1.125	LAA	5						
C	CLARITY	0.50	LAA	5						
D	ATRAZINE 4L	1.00	LAA	5						
E	M>MSO	0.50	PMV	5						
F	28% UAN	2.50	PMV	5						
LSD (0.05)					12.4	10.1	9.9	9.2	10.1	9.7
STANDARD DEVIATION					5.8	4.7	4.7	4.3	4.8	4.6

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 05 = --- / EPP 15DBP 04/21/2015(1)

TRIAL # US 182/17/01 003 01 : UCNOTILL2* C-600W
 DATA MEAN

TITLE: Impact Tank Mix Programs in No-Tillll Corn. C-600W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ERICA	CON %	05/16/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	TAROF	CON %	05/16/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/16/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	05/16/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	05/30/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	05/30/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	TAROF	CON %	05/30/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	05/30/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	05/30/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	06/14/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	06/14/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	TAROF	CON %	06/14/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/14/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/14/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ERICA	CON %	06/27/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	TAROF	CON %	06/27/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/27/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/27/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)
 01 = DKC62-77RIB