APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
PREV.CROP: ZEAMD - Dent corn
%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	LIQUID MI	
APPLICATION DATE	05/10/19	AME
TIME - BEGIN	11:00	24H
TIME - END	11:25	24H
AIR TEMPERATURE	52	F
% REL.HUMIDITY	52	
WIND DIRECTION	NORTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	PAR.CLOUD	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	54/4.00	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	N/A	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.280	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	15.00	
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
SPECIE AND STAGE	DEN / STG	
	MIN / MAX	
CROP *		
P, Soybean	---/01	
CZ 3601LL	/	IN
(PLANTED) 05/21/2019	-11 DAP	
PEST *		
P, Waterhemp, commo	---/13	
	0.25/0.25	IN
P, Lambsquarters, c	---/19	
	1.00/3.00	IN
P, Mare's tail / Ho	---/19	
	1.00/4.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, Tall morning glo	---/10 0.50/0.50	IN
P, Giant foxtail	---/11 1.00/1.00	IN
P, Common chickweed	---/19 2.00/9.00	IN

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

*** STAGE CODE**
01 = BEGINNING OF SEED IMBIBITION
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Winfield United Dimetric Charged + Sharpen with/without Strikelock in Burndown. 261-68
CREATED: 04/16/2019 **REVISED:** 10/28/2019 **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 RATE	UNIT	TM	ERICA CON % 05/16/19	STEME CON % 05/16/19	CHEAL CON % 05/16/19	ERICA CON % 05/23/19	STEME CON % 05/23/19	CHEAL CON % 05/23/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	99	92	33	99	99	60
3A	»SHARPEN 2.85L	0.033	LAA	5	99	93	92	99	99	98
B	»DIMETRIC CHARG	0.344	LAA	5						
4A	»SHARPEN 2.85L	0.033	LAA	5	98	96	93	99	99	99
B	»DIMETRIC CHARG	0.43	LAA	5						
5A	»SHARPEN 2.85L	0.033	LAA	5	99	96	92	99	99	99
B	»DIMETRIC CHARG	0.516	LAA	5						
6A	»SHARPEN 2.85L	0.033	LAA	5	99	98	94	99	99	99
B	»DIMETRIC CHARG	0.344	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
7A	»SHARPEN 2.85L	0.033	LAA	5	99	96	96	99	99	99
B	»DIMETRIC CHARG	0.43	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
8A	»SHARPEN 2.85L	0.033	LAA	5	99	95	95	99	99	99
B	»DIMETRIC CHARG	0.516	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
	LSD (0.05)				0.7	3.1	3.8	0.0	0.0	6.5
	STANDARD DEVIATION				0.3	1.4	1.8	0.0	0.0	3.0

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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 RATE	UNIT	TM	GLXMA CON % 05/30/19	ERICA CON % 05/30/19	STEME CON % 05/30/19	CHEAL CON % 05/30/19	SETFA CON % 05/30/19	GLXMA CON % 06/07/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	63	92	0
3A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	99	0
B	»DIMETRIC CHARG	0.344	LAA	5						
4A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	98	0
B	»DIMETRIC CHARG	0.43	LAA	5						
5A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	97	0
B	»DIMETRIC CHARG	0.516	LAA	5						
6A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	98	0
B	»DIMETRIC CHARG	0.344	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
7A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	98	98	0
B	»DIMETRIC CHARG	0.43	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
8A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	98	0
B	»DIMETRIC CHARG	0.516	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
	LSD (0.05)				0.0	0.0	0.0	5.1	3.3	0.0
	STANDARD DEVIATION				0.0	0.0	0.0	2.4	1.6	0.0

TITLE: Winfield United Dimetric Charged + Sharpen with/without Strikelock in Burndown. 261-68
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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 RATE	UNIT	TM	ERICA CON % 06/07/19	STEME CON % 06/07/19	CHEAL CON % 06/07/19	SETFA CON % 06/07/19	PHBPU CON % 06/07/19	GLXMA CON % 06/13/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	99	99	62	65	77	0
3A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	92	90	0
B	»DIMETRIC CHARG	0.344	LAA	5						
4A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	89	93	0
B	»DIMETRIC CHARG	0.43	LAA	5						
5A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	92	92	0
B	»DIMETRIC CHARG	0.516	LAA	5						
6A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	87	90	0
B	»DIMETRIC CHARG	0.344	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
7A	»SHARPEN 2.85L	0.033	LAA	5	99	99	98	95	93	0
B	»DIMETRIC CHARG	0.43	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
8A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	93	95	0
B	»DIMETRIC CHARG	0.516	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
	LSD (0.05)				0.0	0.0	5.1	20.2	7.2	0.0
	STANDARD DEVIATION				0.0	0.0	2.4	9.4	3.4	0.0

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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 RATE	UNIT	TM	ERICA CON % 06/13/19	STEME CON % 06/13/19	CHEAL CON % 06/13/19	SETFA CON % 06/13/19	PHBPU CON % 06/13/19	AMATA CON % 06/13/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	99	99	60	64	73	96
3A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	87	85	99
B	»DIMETRIC CHARG	0.344	LAA	5						
4A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	87	92	99
B	»DIMETRIC CHARG	0.43	LAA	5						
5A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	87	91	99
B	»DIMETRIC CHARG	0.516	LAA	5						
6A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	85	88	99
B	»DIMETRIC CHARG	0.344	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
7A	»SHARPEN 2.85L	0.033	LAA	5	99	99	98	91	91	99
B	»DIMETRIC CHARG	0.43	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
8A	»SHARPEN 2.85L	0.033	LAA	5	99	99	99	90	93	99
B	»DIMETRIC CHARG	0.516	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
	LSD (0.05)				0.0	0.0	3.6	22.5	11.8	3.2
	STANDARD DEVIATION				0.0	0.0	1.7	10.5	5.5	1.5

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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 RATE	UNIT	TM	GLXMA CON % 06/21/19	ERICA CON % 06/21/19	STEME CON % 06/21/19	CHEAL CON % 06/21/19	SETFA CON % 06/21/19	PHBPU CON % 06/21/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	52	53	70
3A	»SHARPEN 2.85L	0.033	LAA	5	0	98	99	91	77	82
B	»DIMETRIC CHARG	0.344	LAA	5						
4A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	93	78	85
B	»DIMETRIC CHARG	0.43	LAA	5						
5A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	99	78	85
B	»DIMETRIC CHARG	0.516	LAA	5						
6A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	98	76	81
B	»DIMETRIC CHARG	0.344	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
7A	»SHARPEN 2.85L	0.033	LAA	5	0	98	99	90	78	91
B	»DIMETRIC CHARG	0.43	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
8A	»SHARPEN 2.85L	0.033	LAA	5	0	99	99	98	82	91
B	»DIMETRIC CHARG	0.516	LAA	5						
C	»STRIKELOCK	8.00	ZMA	5						
	LSD (0.05)				0.0	1.9	0.0	13.0	21.3	17.1
	STANDARD DEVIATION				0.0	0.9	0.0	6.0	9.9	8.0

DATA MEAN

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CREATED: 04/16/2019 **REVISED:** 10/28/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
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PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT
REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/21/19
1A	CHECK	0.00	NA	0	0
2A	»SHARPEN 2.85L	0.033	LAA	5	91
3A	»SHARPEN 2.85L	0.033	LAA	5	95
B	»DIMETRIC CHARG	0.344	LAA	5	
4A	»SHARPEN 2.85L	0.033	LAA	5	96
B	»DIMETRIC CHARG	0.43	LAA	5	
5A	»SHARPEN 2.85L	0.033	LAA	5	94
B	»DIMETRIC CHARG	0.516	LAA	5	
6A	»SHARPEN 2.85L	0.033	LAA	5	96
B	»DIMETRIC CHARG	0.344	LAA	5	
C	»STRIKELOCK	8.00	ZMA	5	
7A	»SHARPEN 2.85L	0.033	LAA	5	96
B	»DIMETRIC CHARG	0.43	LAA	5	
C	»STRIKELOCK	8.00	ZMA	5	
8A	»SHARPEN 2.85L	0.033	LAA	5	96
B	»DIMETRIC CHARG	0.516	LAA	5	
C	»STRIKELOCK	8.00	ZMA	5	
	LSD (0.05)				10.0
	STANDARD DEVIATION				4.7

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
05 = --- / EPP 15 DBP 05/10/2019(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ERICA	CON %	05/16/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	05/16/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/16/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	05/23/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	STEME	CON %	05/23/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	05/23/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	05/30/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERICA	CON %	05/30/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	05/30/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	05/30/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	05/30/2019	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	GLXMA	CON %	06/07/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ERICA	CON %	06/07/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	STEME	CON %	06/07/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/07/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/07/2019	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	06/07/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	GLXMA	CON %	06/13/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ERICA	CON %	06/13/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	STEME	CON %	06/13/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	06/13/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	06/13/2019	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	06/13/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	CON %	06/13/2019	07	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	GLXMA	CON %	06/21/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ERICA	CON %	06/21/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	STEME	CON %	06/21/2019	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: Winfield United Dimetric Charged + Sharpen with/without Strikelock in Burndown. 261-68

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
028	CHEAL	CON %	06/21/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	SETFA	CON %	06/21/2019	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	PHBPU	CON %	06/21/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	AMATA	CON %	06/21/2019	07	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = CZ 3601LL