APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.8
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	02	UNIT
TIMINGS	05	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/10/19	06/18/19	AME
TIME - BEGIN	10:20		24H
TIME - END	10:35		24H
AIR TEMPERATURE	60		F
% REL.HUMIDITY	52		
WIND DIRECTION	NORTHWEST	TO BE SEL	
WIND SPEED	4.0		M/H
CLOUD COVER	CLOUDY-~6	TO BE SEL	
DEW	NO	TO BE SEL	
SOIL MOISTURE	MOIST/MOI	TO BE SEL	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	54/4.00		F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	TO BE SEL	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	DEN / STG MIN / MAX	
CROP *			
P, Soybean		---/13	
AG36X6		6.00/6.00	IN
(PLANTED) 05/21/2019		28 DAP	
PEST *			
P, Waterhemp, commo	---/10 0.50/0.50	---/19 1.00/5.00	IN
P, Mare's tail / Ho	---/19 2.00/3.00	---/19 2.00/8.00	IN
P, Tall morning glo	---/10 /	---/16 3.00/5.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *			
P, Giant foxtail	---/10 1.00/1.00	---/15 1.00/7.00	IN

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

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
10 = FIRST LEAF THROUGH COLEOPTILE
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Corteva Univ of IL Univ Elevore 14 Day Preplant No-Till Soybean NA19X01041H. C-200
CREATED: 04/02/2019 **REVISED:** 10/18/2019 **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 % 05/21/19	ERICA CON % 05/30/19	AMATA CON % 05/30/19	SETFA CON % 05/30/19	GLXMA CON % 06/05/19	ERICA CON % 06/07/19
1A	»ELEVORE 0.57AE	0.004	LAA	5	38	62	90	90	0	63
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
2A	»2,4-D LVE 3.8A	0.475	LAA	5	65	80	90	95	0	82
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
3A	»ELEVORE 0.57AE	0.004	LAA	5	68	88	96	99	30	96
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»2,4-D LVE 3.8A	0.475	LAA	5	72	95	99	99	20	97
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
5A	»ELEVORE 0.57AE	0.004	LAA	5	78	94	99	99	27	96
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	VALOR 51WG	0.064	LAA	5						
D	CLASSIC 25WG	0.02	LAA	5						
E	SENCOR 75WG	0.2225	LAA	5						
F	»DURANGO 4AE	1.00	LAA	5						
G	»DURANGO 4AE	1.00	LAA	12						
H	FLEXSTAR 1.88	0.602	LAA	12						
I	»EVERPREX 7.62E	0.953	LAA	12						
J	»LIQUID AMS	2.50	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				14.3	4.4	3.8	0.0	2.1	5.1
	STANDARD DEVIATION				6.4	2.0	1.7	0.0	1.0	2.3

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 RATE	UNIT	TM	AMATA CON % 06/07/19	SETFA CON % 06/07/19	GLXMA CON % 06/11/19	GLXMA CON % 06/18/19	GLXMA CON % 06/21/19	ERICA CON % 06/21/19
1A	»ELEVORE 0.57AE	0.004	LAA	5	68	65	0	0	25	70
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
2A	»2,4-D LVE 3.8A	0.475	LAA	5	73	83	0	0	25	82
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
3A	»ELEVORE 0.57AE	0.004	LAA	5	96	98	22	8	28	95
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»2,4-D LVE 3.8A	0.475	LAA	5	96	96	15	0	25	98
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
5A	»ELEVORE 0.57AE	0.004	LAA	5	98	99	18	7	27	95
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	VALOR 51WG	0.064	LAA	5						
D	CLASSIC 25WG	0.02	LAA	5						
E	SENCOR 75WG	0.2225	LAA	5						
F	»DURANGO 4AE	1.00	LAA	5						
G	»DURANGO 4AE	1.00	LAA	12						
H	FLEXSTAR 1.88	0.602	LAA	12						
I	»EVERPREX 7.62E	0.953	LAA	12						
J	»LIQUID AMS	2.50	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				9.5	4.5	5.0	5.8	2.9	5.2
	STANDARD DEVIATION				4.3	2.0	2.2	2.6	1.3	2.4

DATA MEAN

TITLE: Corteva Univ of IL Univ Elevore 14 Day Preplant No-Till Soybean NA19X01041H. C-200
CREATED: 04/02/2019 **REVISED:** 10/18/2019 **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	AMATA CON % 06/21/19	SETFA CON % 06/21/19	PHBPU CON % 06/21/19	GLXMA CON % 07/05/19	ERICA CON % 07/05/19	AMATA CON % 07/05/19
1A	»ELEVORE 0.57AE	0.004	LAA	5	83	75	98	8	65	73
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
2A	»2,4-D LVE 3.8A	0.475	LAA	5	90	85	99	9	81	85
B	»DURANGO 4AE	1.00	LAA	5						
C	»DURANGO 4AE	1.00	LAA	12						
D	FLEXSTAR 1.88	0.602	LAA	12						
E	»EVERPREX 7.62E	0.953	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
3A	»ELEVORE 0.57AE	0.004	LAA	5	99	96	96	10	95	99
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»2,4-D LVE 3.8A	0.475	LAA	5	98	96	96	9	98	98
B	»SONIC 70DF	0.263	LAA	5						
C	»DURANGO 4AE	1.00	LAA	5						
D	»DURANGO 4AE	1.00	LAA	12						
E	FLEXSTAR 1.88	0.602	LAA	12						
F	»EVERPREX 7.62E	0.953	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
5A	»ELEVORE 0.57AE	0.004	LAA	5	99	98	98	9	92	98
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	VALOR 51WG	0.064	LAA	5						
D	CLASSIC 25WG	0.02	LAA	5						
E	SENCOR 75WG	0.2225	LAA	5						
F	»DURANGO 4AE	1.00	LAA	5						
G	»DURANGO 4AE	1.00	LAA	12						
H	FLEXSTAR 1.88	0.602	LAA	12						
I	»EVERPREX 7.62E	0.953	LAA	12						
J	»LIQUID AMS	2.50	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				10.0	3.7	3.0	2.1	5.0	7.1
	STANDARD DEVIATION				4.5	1.6	1.3	1.0	2.3	3.2

DATA MEAN

TITLE: Corteva Univ of IL Univ Elevore 14 Day Preplant No-Till Soybean NA19X01041H. C-200
CREATED: 04/02/2019 **REVISED:** 10/18/2019 **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	SETFA CON % 07/05/19	PHBPU CON % 07/05/19
1A	»ELEVORE 0.57AE	0.004	LAA	5	99	96
B	»DURANGO 4AE	1.00	LAA	5		
C	»DURANGO 4AE	1.00	LAA	12		
D	FLEXSTAR 1.88	0.602	LAA	12		
E	»EVERPREX 7.62E	0.953	LAA	12		
F	»LIQUID AMS	2.50	PMV	12		
2A	»2,4-D LVE 3.8A	0.475	LAA	5	99	98
B	»DURANGO 4AE	1.00	LAA	5		
C	»DURANGO 4AE	1.00	LAA	12		
D	FLEXSTAR 1.88	0.602	LAA	12		
E	»EVERPREX 7.62E	0.953	LAA	12		
F	»LIQUID AMS	2.50	PMV	12		
3A	»ELEVORE 0.57AE	0.004	LAA	5	99	95
B	»SONIC 70DF	0.263	LAA	5		
C	»DURANGO 4AE	1.00	LAA	5		
D	»DURANGO 4AE	1.00	LAA	12		
E	FLEXSTAR 1.88	0.602	LAA	12		
F	»EVERPREX 7.62E	0.953	LAA	12		
G	»LIQUID AMS	2.50	PMV	12		
4A	»2,4-D LVE 3.8A	0.475	LAA	5	99	93
B	»SONIC 70DF	0.263	LAA	5		
C	»DURANGO 4AE	1.00	LAA	5		
D	»DURANGO 4AE	1.00	LAA	12		
E	FLEXSTAR 1.88	0.602	LAA	12		
F	»EVERPREX 7.62E	0.953	LAA	12		
G	»LIQUID AMS	2.50	PMV	12		
5A	»ELEVORE 0.57AE	0.004	LAA	5	99	93
B	»TRIVENCE 61.3W	8.00	OMA	0		
C	VALOR 51WG	0.064	LAA	5		
D	CLASSIC 25WG	0.02	LAA	5		
E	SENCOR 75WG	0.2225	LAA	5		
F	»DURANGO 4AE	1.00	LAA	5		
G	»DURANGO 4AE	1.00	LAA	12		
H	FLEXSTAR 1.88	0.602	LAA	12		
I	»EVERPREX 7.62E	0.953	LAA	12		
J	»LIQUID AMS	2.50	PMV	12		
6A	CHECK	0.00	NA	0	0	0
	LSD (0.05)				0.0	8.9
	STANDARD DEVIATION				0.0	4.0

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
05 = --- / EPP 15DBP 05/10/2019(1)
12 = --- / POST 06/18/2019(2)

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 %	05/21/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERICA	CON %	05/30/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/30/2019	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	05/30/2019	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/05/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ERICA	CON %	06/07/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	06/07/2019	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/07/2019	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	06/11/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

DATA MEAN

TITLE: Corteva Univ of IL Univ Elevore 14 Day Preplant No-Till Soybean NA19X01041H. C-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
010	GLXMA	CON %	06/18/2019	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	06/21/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ERICA	CON %	06/21/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/21/2019	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/21/2019	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/21/2019	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	07/05/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ERICA	CON %	07/05/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/05/2019	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	SETFA	CON %	07/05/2019	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/05/2019	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = AG36X6

*** STAGE CODE**
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED