APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.1
%OM: 3.3
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	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/01/20	06/12/20	AME
TIME - BEGIN	14:10	11:30	24H
TIME - END	14:22	11:45	24H
AIR TEMPERATURE	71	83	F
% REL.HUMIDITY	34	45	
WIND DIRECTION	SOUTHEAST	NORTHEAST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	PAR.CLOUD	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	66/4.00	73/4.00	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		---/12	
NK S35-K9X		5.00/5.00	IN
(PLANTED) 05/26/2020		17 DAP	
PEST *			
P, Waterhemp, commo		---/16 1.00/3.00	IN
P, Henbit deadnettl	---/19 6.00/6.00	---/19 4.00/6.00	IN
P, Tall morning glo		---/11 1.00/2.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *			
P, Buttercup, small	---/19 4.00/8.00		IN
P, Giant foxtail		---/13 1.00/4.00	IN
P, Canadian goldenr	---/19 6.00/8.00	---/19 2.00/4.00	IN
P, Common dandelion	---/19 3.00/5.00	---/19 3.00/6.00	IN

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

*** STAGE CODE**
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = TRIFOLIOLATE LEAF ON THE 2ND NODE UNFOLDED
13 = 3 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	TAROF CON % 05/26/20	RANAB CON % 05/26/20	LAMAM CON % 05/26/20	SOOCA CON % 05/26/20	AMATA CON % 05/26/20	SETFA CON % 05/26/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	88	99	99	95	53	63
B	»DURANGO 4AE	32.00	ZMA	5						
C	»DURANGO 4AE	32.00	ZMA	11						
D	FLEXSTAR 1.88	1.30	PMA	11						
E	»EVERPREX 7.62E	1.00	PMA	11						
F	»LIQUID AMS	2.50	PMV	11						
2A	»ELEVORE 0.57AE	1.00	ZMA	5	92	99	99	96	95	98
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»2,4-D LVE 3.8A	1.00	PMA	5	95	99	99	93	96	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
4A	»ELEVORE 0.57AE	1.00	ZMA	5	98	99	99	92	98	99
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	»VALOR 51WDG	0.064	LAA	5						
D	CLASSIC 25WG	0.0195	LAA	5						
E	»METRIBUZIN 75D	0.2225	LAA	5						
F	»DURANGO 4AE	32.00	ZMA	5						
G	»DURANGO 4AE	32.00	ZMA	11						
H	FLEXSTAR 1.88	1.30	PMA	11						
I	»EVERPREX 7.62E	1.00	PMA	11						
J	»LIQUID AMS	2.50	PMV	11						
5A	»2,4-D LVE 3.8A	1.00	PMA	5	95	99	99	92	97	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»ABUNDIT EDGE 4	32.00	ZMA	11						
E	»FEXAPAN 2.9AE	22.00	ZMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
H	»INTACT	0.50	PMV	11						
6A	»FIERCEMTZ 2.64	1.00	PMA	5	96	99	99	90	99	99
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»PERPETUO 2.3L	6.00	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						
7A	»AUTHORITY MTZ	11.00	OMA	5	94	99	99	91	96	99
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»ANTHEM MAXX 4.	2.50	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	TAROF CON % 05/26/20	RANAB CON % 05/26/20	LAMAM CON % 05/26/20	SOOCA CON % 05/26/20	AMATA CON % 05/26/20	SETFA CON % 05/26/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	95	99	99	92	96	99
	B»CREDIT XTREME	32.00	ZMA	5						
	C»PANTHER PRO 4.	15.00	ZMA	5						
	D»RNDUP POWERMAX	32.00	ZMA	11						
	E»XTENDIMAX 2.9	22.00	ZMA	11						
	F»CLASS ACT RIDI	1.00	PMV	11						
	G»INTACT	0.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	95	99	99	94	99	99
	B»RNDUP POWERMAX	32.00	ZMA	5						
	C»XTENDIMAX 2.9	22.00	ZMA	5						
	D»CLASS ACT RIDI	1.00	PMV	5						
	E»INTACT	0.50	PMV	5						
	F»RNDUP POWERMAX	32.00	ZMA	11						
	G»XTENDIMAX 2.9	22.00	ZMA	11						
	H»CLASS ACT RIDI	1.00	PMV	11						
	I»INTACT	0.50	PMV	11						
	LSD (0.05)				3.8	0.0	0.0	2.9	4.3	3.5
	STANDARD DEVIATION				1.8	0.0	0.0	1.4	2.1	1.7

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	GLXMA CON % 06/08/20	GLXMA CON % 06/16/20	TAROF CON % 06/16/20	SOOCA CON % 06/16/20	AMATA CON % 06/16/20	SETFA CON % 06/16/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	0	15	96	92	77	99
B	»DURANGO 4AE	32.00	ZMA	5						
C	»DURANGO 4AE	32.00	ZMA	11						
D	FLEXSTAR 1.88	1.30	PMA	11						
E	»EVERPREX 7.62E	1.00	PMA	11						
F	»LIQUID AMS	2.50	PMV	11						
2A	»ELEVORE 0.57AE	1.00	ZMA	5	0	16	93	93	90	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»2,4-D LVE 3.8A	1.00	PMA	5	0	15	92	93	89	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
4A	»ELEVORE 0.57AE	1.00	ZMA	5	2	16	98	92	95	99
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	»VALOR 51WDG	0.064	LAA	5						
D	CLASSIC 25WG	0.0195	LAA	5						
E	»METRIBUZIN 75D	0.2225	LAA	5						
F	»DURANGO 4AE	32.00	ZMA	5						
G	»DURANGO 4AE	32.00	ZMA	11						
H	FLEXSTAR 1.88	1.30	PMA	11						
I	»EVERPREX 7.62E	1.00	PMA	11						
J	»LIQUID AMS	2.50	PMV	11						
5A	»2,4-D LVE 3.8A	1.00	PMA	5	0	6	72	87	87	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»ABUNDIT EDGE 4	32.00	ZMA	11						
E	»FEXAPAN 2.9AE	22.00	ZMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
H	»INTACT	0.50	PMV	11						
6A	»FIERCEMTZ 2.64	1.00	PMA	5	0	7	77	91	92	98
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»PERPETUO 2.3L	6.00	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						
7A	»AUTHORITY MTZ	11.00	OMA	5	0	9	73	91	88	97
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»ANTHEM MAXX 4.	2.50	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/08/20	GLXMA CON % 06/16/20	TAROF CON % 06/16/20	SOOCA CON % 06/16/20	AMATA CON % 06/16/20	SETFA CON % 06/16/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	0	2	70	78	85	99
B	»CREDIT XTREME	32.00	ZMA	5						
C	»PANTHER PRO 4.	15.00	ZMA	5						
D	»RNDUP POWERMAX	32.00	ZMA	11						
E	»XTENDIMAX 2.9	22.00	ZMA	11						
F	»CLASS ACT RIDI	1.00	PMV	11						
G	»INTACT	0.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	0	1	70	92	85	98
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»RNDUP POWERMAX	32.00	ZMA	11						
G	»XTENDIMAX 2.9	22.00	ZMA	11						
H	»CLASS ACT RIDI	1.00	PMV	11						
I	»INTACT	0.50	PMV	11						
	LSD (0.05)				1.6	2.8	5.9	6.9	7.8	1.5
	STANDARD DEVIATION				0.7	1.3	2.8	3.3	3.7	0.7

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	PHBPU CON % 06/16/20	GLXMA CON % 06/23/20	TAROF CON % 06/23/20	SOOCA CON % 06/23/20	AMATA CON % 06/23/20	SETFA CON % 06/23/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	96	14	95	95	93	99
B	»DURANGO 4AE	32.00	ZMA	5						
C	»DURANGO 4AE	32.00	ZMA	11						
D	FLEXSTAR 1.88	1.30	PMA	11						
E	»EVERPREX 7.62E	1.00	PMA	11						
F	»LIQUID AMS	2.50	PMV	11						
2A	»ELEVORE 0.57AE	1.00	ZMA	5	98	15	92	96	96	98
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»2,4-D LVE 3.8A	1.00	PMA	5	99	15	95	98	98	99
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
4A	»ELEVORE 0.57AE	1.00	ZMA	5	96	15	96	96	96	99
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	»VALOR 51WDG	0.064	LAA	5						
D	CLASSIC 25WG	0.0195	LAA	5						
E	»METRIBUZIN 75D	0.2225	LAA	5						
F	»DURANGO 4AE	32.00	ZMA	5						
G	»DURANGO 4AE	32.00	ZMA	11						
H	FLEXSTAR 1.88	1.30	PMA	11						
I	»EVERPREX 7.62E	1.00	PMA	11						
J	»LIQUID AMS	2.50	PMV	11						
5A	»2,4-D LVE 3.8A	1.00	PMA	5	95	6	83	93	93	98
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»ABUNDIT EDGE 4	32.00	ZMA	11						
E	»FEXAPAN 2.9AE	22.00	ZMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
H	»INTACT	0.50	PMV	11						
6A	»FIERCEMTZ 2.64	1.00	PMA	5	95	9	85	96	99	98
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»PERPETUO 2.3L	6.00	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						
7A	»AUTHORITY MTZ	11.00	OMA	5	98	10	85	96	95	99
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»ANTHEM MAXX 4.	2.50	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/16/20	GLXMA CON % 06/23/20	TAROF CON % 06/23/20	SOOCA CON % 06/23/20	AMATA CON % 06/23/20	SETFA CON % 06/23/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	88	0	83	92	93	96
B	»CREDIT XTREME	32.00	ZMA	5						
C	»PANTHER PRO 4.	15.00	ZMA	5						
D	»RNDUP POWERMAX	32.00	ZMA	11						
E	»XTENDIMAX 2.9	22.00	ZMA	11						
F	»CLASS ACT RIDI	1.00	PMV	11						
G	»INTACT	0.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	88	0	80	95	91	99
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»RNDUP POWERMAX	32.00	ZMA	11						
G	»XTENDIMAX 2.9	22.00	ZMA	11						
H	»CLASS ACT RIDI	1.00	PMV	11						
I	»INTACT	0.50	PMV	11						
	LSD (0.05)				7.9	1.9	6.1	3.4	9.3	2.2
	STANDARD DEVIATION				3.8	0.9	2.9	1.6	4.4	1.0

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	PHBPU CON % 06/23/20	GLXMA CON % 07/06/20	TAROF CON % 07/06/20	SOOCA CON % 07/06/20	AMATA CON % 07/06/20	SETFA CON % 07/06/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	96	0	90	99	88	93
B	»DURANGO 4AE	32.00	ZMA	5						
C	»DURANGO 4AE	32.00	ZMA	11						
D	FLEXSTAR 1.88	1.30	PMA	11						
E	»EVERPREX 7.62E	1.00	PMA	11						
F	»LIQUID AMS	2.50	PMV	11						
2A	»ELEVORE 0.57AE	1.00	ZMA	5	94	0	90	95	96	92
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»2,4-D LVE 3.8A	1.00	PMA	5	99	0	85	98	96	95
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
4A	»ELEVORE 0.57AE	1.00	ZMA	5	98	0	85	95	96	90
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	»VALOR 51WDG	0.064	LAA	5						
D	CLASSIC 25WG	0.0195	LAA	5						
E	»METRIBUZIN 75D	0.2225	LAA	5						
F	»DURANGO 4AE	32.00	ZMA	5						
G	»DURANGO 4AE	32.00	ZMA	11						
H	FLEXSTAR 1.88	1.30	PMA	11						
I	»EVERPREX 7.62E	1.00	PMA	11						
J	»LIQUID AMS	2.50	PMV	11						
5A	»2,4-D LVE 3.8A	1.00	PMA	5	98	0	88	96	94	96
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»ABUNDIT EDGE 4	32.00	ZMA	11						
E	»FEXAPAN 2.9AE	22.00	ZMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
H	»INTACT	0.50	PMV	11						
6A	»FIERCEMTZ 2.64	1.00	PMA	5	98	0	95	96	99	96
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»PERPETUO 2.3L	6.00	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						
7A	»AUTHORITY MTZ	11.00	OMA	5	99	0	95	95	95	96
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»ANTHEM MAXX 4.	2.50	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/23/20	GLXMA CON % 07/06/20	TAROF CON % 07/06/20	SOOCA CON % 07/06/20	AMATA CON % 07/06/20	SETFA CON % 07/06/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	95	0	93	93	90	78
B	»CREDIT XTREME	32.00	ZMA	5						
C	»PANTHER PRO 4.	15.00	ZMA	5						
D	»RNDUP POWERMAX	32.00	ZMA	11						
E	»XTENDIMAX 2.9	22.00	ZMA	11						
F	»CLASS ACT RIDI	1.00	PMV	11						
G	»INTACT	0.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	96	0	93	98	98	80
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»RNDUP POWERMAX	32.00	ZMA	11						
G	»XTENDIMAX 2.9	22.00	ZMA	11						
H	»CLASS ACT RIDI	1.00	PMV	11						
I	»INTACT	0.50	PMV	11						
	LSD (0.05)				6.5	0.0	6.0	4.7	9.2	7.3
	STANDARD DEVIATION				3.1	0.0	2.9	2.3	4.4	3.5

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	PHBPU CON % 07/06/20	GLXMA CON % 07/20/20	TAROF CON % 07/20/20	SOOCA CON % 07/20/20	AMATA CON % 07/20/20	SETFA CON % 07/20/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	73	0	78	99	83	75
B	»DURANGO 4AE	32.00	ZMA	5						
C	»DURANGO 4AE	32.00	ZMA	11						
D	FLEXSTAR 1.88	1.30	PMA	11						
E	»EVERPREX 7.62E	1.00	PMA	11						
F	»LIQUID AMS	2.50	PMV	11						
2A	»ELEVORE 0.57AE	1.00	ZMA	5	78	0	82	94	90	77
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»2,4-D LVE 3.8A	1.00	PMA	5	88	0	75	97	95	83
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»DURANGO 4AE	32.00	ZMA	11						
E	FLEXSTAR 1.88	1.30	PMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»LIQUID AMS	2.50	PMV	11						
4A	»ELEVORE 0.57AE	1.00	ZMA	5	80	0	82	98	87	75
B	»TRIVENCE 61.3W	8.00	OMA	0						
C	»VALOR 51WDG	0.064	LAA	5						
D	CLASSIC 25WG	0.0195	LAA	5						
E	»METRIBUZIN 75D	0.2225	LAA	5						
F	»DURANGO 4AE	32.00	ZMA	5						
G	»DURANGO 4AE	32.00	ZMA	11						
H	FLEXSTAR 1.88	1.30	PMA	11						
I	»EVERPREX 7.62E	1.00	PMA	11						
J	»LIQUID AMS	2.50	PMV	11						
5A	»2,4-D LVE 3.8A	1.00	PMA	5	86	0	87	96	91	83
B	»SONIC 70DF	6.00	OMA	5						
C	»DURANGO 4AE	32.00	ZMA	5						
D	»ABUNDIT EDGE 4	32.00	ZMA	11						
E	»FEXAPAN 2.9AE	22.00	ZMA	11						
F	»EVERPREX 7.62E	1.00	PMA	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
H	»INTACT	0.50	PMV	11						
6A	»FIERCEMTZ 2.64	1.00	PMA	5	83	0	93	96	95	87
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»PERPETUO 2.3L	6.00	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						
7A	»AUTHORITY MTZ	11.00	OMA	5	89	0	93	98	93	82
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»ANTHEM MAXX 4.	2.50	ZMA	11						
G	»RNDUP POWERMAX	32.00	ZMA	11						
H	»XTENDIMAX 2.9	22.00	ZMA	11						
I	»CLASS ACT RIDI	1.00	PMV	11						
J	»INTACT	0.50	PMV	11						

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 07/06/20	GLXMA CON % 07/20/20	TAROF CON % 07/20/20	SOOCA CON % 07/20/20	AMATA CON % 07/20/20	SETFA CON % 07/20/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	78	0	93	96	83	58
B	»CREDIT XTREME	32.00	ZMA	5						
C	»PANTHER PRO 4.	15.00	ZMA	5						
D	»RNDUP POWERMAX	32.00	ZMA	11						
E	»XTENDIMAX 2.9	22.00	ZMA	11						
F	»CLASS ACT RIDI	1.00	PMV	11						
G	»INTACT	0.50	PMV	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	77	0	93	98	93	68
B	»RNDUP POWERMAX	32.00	ZMA	5						
C	»XTENDIMAX 2.9	22.00	ZMA	5						
D	»CLASS ACT RIDI	1.00	PMV	5						
E	»INTACT	0.50	PMV	5						
F	»RNDUP POWERMAX	32.00	ZMA	11						
G	»XTENDIMAX 2.9	22.00	ZMA	11						
H	»CLASS ACT RIDI	1.00	PMV	11						
I	»INTACT	0.50	PMV	11						
	LSD (0.05)				8.3	0.0	10.0	6.5	13.8	8.4
	STANDARD DEVIATION				4.0	0.0	4.8	3.1	6.6	4.0

TITLE: Weed Control Systems in No-Till Soybean. C-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	PHBPU CON % 07/20/20
1A	»ELEVORE 0.57AE	1.00	ZMA	5	68
B	»DURANGO 4AE	32.00	ZMA	5	
C	»DURANGO 4AE	32.00	ZMA	11	
D	FLEXSTAR 1.88	1.30	PMA	11	
E	»EVERPREX 7.62E	1.00	PMA	11	
F	»LIQUID AMS	2.50	PMV	11	
2A	»ELEVORE 0.57AE	1.00	ZMA	5	74
B	»SONIC 70DF	6.00	OMA	5	
C	»DURANGO 4AE	32.00	ZMA	5	
D	»DURANGO 4AE	32.00	ZMA	11	
E	FLEXSTAR 1.88	1.30	PMA	11	
F	»EVERPREX 7.62E	1.00	PMA	11	
G	»LIQUID AMS	2.50	PMV	11	
3A	»2,4-D LVE 3.8A	1.00	PMA	5	82
B	»SONIC 70DF	6.00	OMA	5	
C	»DURANGO 4AE	32.00	ZMA	5	
D	»DURANGO 4AE	32.00	ZMA	11	
E	FLEXSTAR 1.88	1.30	PMA	11	
F	»EVERPREX 7.62E	1.00	PMA	11	
G	»LIQUID AMS	2.50	PMV	11	
4A	»ELEVORE 0.57AE	1.00	ZMA	5	70
B	»TRIVENCE 61.3W	8.00	OMA	0	
C	»VALOR 51WDG	0.064	LAA	5	
D	CLASSIC 25WG	0.0195	LAA	5	
E	»METRIBUZIN 75D	0.2225	LAA	5	
F	»DURANGO 4AE	32.00	ZMA	5	
G	»DURANGO 4AE	32.00	ZMA	11	
H	FLEXSTAR 1.88	1.30	PMA	11	
I	»EVERPREX 7.62E	1.00	PMA	11	
J	»LIQUID AMS	2.50	PMV	11	
5A	»2,4-D LVE 3.8A	1.00	PMA	5	83
B	»SONIC 70DF	6.00	OMA	5	
C	»DURANGO 4AE	32.00	ZMA	5	
D	»ABUNDIT EDGE 4	32.00	ZMA	11	
E	»FEXAPAN 2.9AE	22.00	ZMA	11	
F	»EVERPREX 7.62E	1.00	PMA	11	
G	»CLASS ACT RIDI	1.00	PMV	11	
H	»INTACT	0.50	PMV	11	
6A	»FIERCEMTZ 2.64	1.00	PMA	5	78
B	»RNDUP POWERMAX	32.00	ZMA	5	
C	»XTENDIMAX 2.9	22.00	ZMA	5	
D	»CLASS ACT RIDI	1.00	PMV	5	
E	»INTACT	0.50	PMV	5	
F	»PERPETUO 2.3L	6.00	ZMA	11	
G	»RNDUP POWERMAX	32.00	ZMA	11	
H	»XTENDIMAX 2.9	22.00	ZMA	11	
I	»CLASS ACT RIDI	1.00	PMV	11	
J	»INTACT	0.50	PMV	11	
7A	»AUTHORITY MTZ	11.00	OMA	5	83
B	»RNDUP POWERMAX	32.00	ZMA	5	
C	»XTENDIMAX 2.9	22.00	ZMA	5	
D	»CLASS ACT RIDI	1.00	PMV	5	
E	»INTACT	0.50	PMV	5	
F	»ANTHEM MAXX 4.	2.50	ZMA	11	
G	»RNDUP POWERMAX	32.00	ZMA	11	
H	»XTENDIMAX 2.9	22.00	ZMA	11	
I	»CLASS ACT RIDI	1.00	PMV	11	
J	»INTACT	0.50	PMV	11	

TITLE: Weed Control Systems in No-Till Soybean. C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 07/20/20
8A	»SPITFIRE 3.57L	1.25	PMA	5	70
	B»CREDIT XTREME	32.00	ZMA	5	
	C»PANTHER PRO 4.	15.00	ZMA	5	
	D»RNDUP POWERMAX	32.00	ZMA	11	
	E»XTENDIMAX 2.9	22.00	ZMA	11	
	F»CLASS ACT RIDI	1.00	PMV	11	
	G»INTACT	0.50	PMV	11	
9A	CHECK	0.00	NA	0	0
10A	»WARRANT ULTRA	48.00	ZMA	5	67
	B»RNDUP POWERMAX	32.00	ZMA	5	
	C»XTENDIMAX 2.9	22.00	ZMA	5	
	D»CLASS ACT RIDI	1.00	PMV	5	
	E»INTACT	0.50	PMV	5	
	F»RNDUP POWERMAX	32.00	ZMA	11	
	G»XTENDIMAX 2.9	22.00	ZMA	11	
	H»CLASS ACT RIDI	1.00	PMV	11	
	I»INTACT	0.50	PMV	11	
		LSD (0.05)			10.4
		STANDARD DEVIATION			4.9

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
05 = --- / EPP 15DBP 05/01/2020(1)
11 = --- / EPOST 06/12/2020(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	TAROF	CON %	05/26/2020	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	RANAB	CON %	05/26/2020	03	P	RANAB		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LAMAM	CON %	05/26/2020	04	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SOOCA	CON %	05/26/2020	05	P	SOOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/26/2020	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/26/2020	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/08/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/16/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	TAROF	CON %	06/16/2020	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SOOCA	CON %	06/16/2020	05	P	SOOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/16/2020	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/16/2020	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/16/2020	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	06/23/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	TAROF	CON %	06/23/2020	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SOOCA	CON %	06/23/2020	05	P	SOOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/23/2020	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/23/2020	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	06/23/2020	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	GLXMA	CON %	07/06/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	TAROF	CON %	07/06/2020	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SOOCA	CON %	07/06/2020	05	P	SOOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	AMATA	CON %	07/06/2020	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	SETFA	CON %	07/06/2020	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	PHBPU	CON %	07/06/2020	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	GLXMA	CON %	07/20/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	TAROF	CON %	07/20/2020	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	SOOCA	CON %	07/20/2020	05	P	SOOCA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	AMATA	CON %	07/20/2020	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	SETFA	CON %	07/20/2020	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	PHBPU	CON %	07/20/2020	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = NK S35-K9X