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	02	UNIT
TIMINGS	06	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/15/19	06/18/19	AME
TIME - BEGIN	11:00	11:15	24H
TIME - END	11:25	11:40	24H
AIR TEMPERATURE	70	76	F
% REL.HUMIDITY	63	73	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLOUDY-~6	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	59/4.00	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		---/13	
AG36X6		3.00/6.00	IN
(PLANTED) 05/21/2019		28 DAP	
PEST *			
P, Waterhemp, commo	---/10 0.25/0.25	---/19 2.00/4.00	IN
P, Lambsquarters, c	---/14 1.00/1.00	---/19 1.00/6.00	IN
P, Mare's tail / Ho	---/19 1.00/4.00	---/19 4.00/12.0	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *			
P, Henbit deadnettl	---/14 1.00/3.00	---/19 3.00/5.00	IN
P, Tall morning glo	---/10 1.00/1.00	---/16 2.00/4.00	IN
P, Giant foxtail	---/11 0.50/0.50	---/16 3.00/5.00	IN
P, Common chickweed	---/15 1.00/3.00	---/19 2.00/5.00	IN

*** TIMING CODES**
06 = --- / EPP 7DBP
12 = --- / POST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N
CREATED: 04/02/2019 **REVISED:** 10/29/2019 **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 % 05/22/19	CHEAL CON % 05/22/19	STEME CON % 05/22/19	LAMAM CON % 05/22/19	GLXMA CON % 06/05/19	ERICA CON % 06/05/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»RNDUP POWERMAX	1.125	LAA	6	57	99	72	57	0	98
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	SELECT MAX	0.07	LAA	12						
G	»INDUCE	0.25	PMV	12						
H	»LIQUID AMS	2.50	PMV	12						
3A	»RNDUP POWERMAX	1.125	LAA	6	60	99	70	57	0	92
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»V-10440 2.3SC	0.108	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
4A	»RNDUP POWERMAX	1.125	LAA	6	68	98	96	77	0	94
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
5A	»RNDUP POWERMAX	1.125	LAA	6	73	99	99	92	0	98
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCEMTZ 2.64	0.33	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
6A	»RNDUP POWERMAX	1.125	LAA	6	80	99	96	82	0	95
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»AUTHORITY MTZ	0.31	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»ANTHEM FLEX 4S	0.078	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
7A	»RNDUP POWERMAX	1.125	LAA	6	99	99	96	65	0	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»ZIDUA PRO 4.09	0.192	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»V-10440 2.3SC	0.108	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
8A	»RNDUP POWERMAX	1.125	LAA	6	83	99	98	75	0	97
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ERICA CON % 05/22/19	CHEAL CON % 05/22/19	STEME CON % 05/22/19	LAMAM CON % 05/22/19	GLXMA CON % 06/05/19	ERICA CON % 06/05/19
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
9A	»RNDUP POWERMAX	1.125	LAA	6	93	98	98	91	0	95
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.33	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
10A	»RNDUP POWERMAX	1.125	LAA	6	76	99	98	83	0	96
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»AUTHORITY MTZ	0.31	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
11A	»RNDUP POWERMAX	1.125	LAA	6	72	99	96	77	0	97
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCE EZ 3.04	0.178	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
12A	»RNDUP POWERMAX	1.125	LAA	6	73	99	96	93	0	97
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.413	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				19.5	1.5	9.3	13.7	0.0	3.9
	STANDARD DEVIATION				9.4	0.7	4.5	6.6	0.0	1.9

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N
CREATED: 04/02/2019 **REVISED:** 10/29/2019 **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	CHEAL CON % 06/05/19	STEME CON % 06/05/19	LAMAM CON % 06/05/19	PHBPU CON % 06/05/19	SETFA CON % 06/05/19	GLXMA CON % 06/25/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»RNDUP POWERMAX	1.125	LAA	6	99	99	96	73	93	0
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	SELECT MAX	0.07	LAA	12						
G	»INDUCE	0.25	PMV	12						
H	»LIQUID AMS	2.50	PMV	12						
3A	»RNDUP POWERMAX	1.125	LAA	6	99	99	93	85	95	8
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»V-10440 2.3SC	0.108	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
4A	»RNDUP POWERMAX	1.125	LAA	6	99	99	97	92	98	0
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
5A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	90	96	0
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCEMTZ 2.64	0.33	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
6A	»RNDUP POWERMAX	1.125	LAA	6	99	99	98	94	96	20
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»AUTHORITY MTZ	0.31	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»ANTHEM FLEX 4S	0.078	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
7A	»RNDUP POWERMAX	1.125	LAA	6	99	99	97	96	98	11
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»ZIDUA PRO 4.09	0.192	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»V-10440 2.3SC	0.108	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
8A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	96	99	9
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/05/19	STEME CON % 06/05/19	LAMAM CON % 06/05/19	PHBPU CON % 06/05/19	SETFA CON % 06/05/19	GLXMA CON % 06/25/19
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
9A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	90	98	10
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.33	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
10A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	95	98	9
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»AUTHORITY MTZ	0.31	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
11A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	95	99	12
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCE EZ 3.04	0.178	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
12A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	95	98	11
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.413	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.0	0.0	3.0	10.8	6.8	1.1
	STANDARD DEVIATION				0.0	0.0	1.4	5.2	3.3	0.5

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N
CREATED: 04/02/2019 **REVISED:** 10/29/2019 **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 % 06/25/19	CHEAL CON % 06/25/19	STEME CON % 06/25/19	LAMAM CON % 06/25/19	PHBPU CON % 06/25/19	SETFA CON % 06/25/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	99	85	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	SELECT MAX	0.07	LAA	12						
G	»INDUCE	0.25	PMV	12						
H	»LIQUID AMS	2.50	PMV	12						
3A	»RNDUP POWERMAX	1.125	LAA	6	96	99	99	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»V-10440 2.3SC	0.108	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
4A	»RNDUP POWERMAX	1.125	LAA	6	93	99	99	99	88	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
5A	»RNDUP POWERMAX	1.125	LAA	6	98	99	99	99	87	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCEMTZ 2.64	0.33	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
6A	»RNDUP POWERMAX	1.125	LAA	6	96	99	99	99	98	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»AUTHORITY MTZ	0.31	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»ANTHEM FLEX 4S	0.078	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
7A	»RNDUP POWERMAX	1.125	LAA	6	99	99	99	98	93	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»ZIDUA PRO 4.09	0.192	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»V-10440 2.3SC	0.108	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
8A	»RNDUP POWERMAX	1.125	LAA	6	97	99	99	99	96	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ERICA CON % 06/25/19	CHEAL CON % 06/25/19	STEME CON % 06/25/19	LAMAM CON % 06/25/19	PHBPU CON % 06/25/19	SETFA CON % 06/25/19
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
9A	»RNDUP POWERMAX	1.125	LAA	6	97	99	99	99	95	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.33	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
10A	»RNDUP POWERMAX	1.125	LAA	6	96	99	99	99	98	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»AUTHORITY MTZ	0.31	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
11A	»RNDUP POWERMAX	1.125	LAA	6	96	99	99	99	98	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCE EZ 3.04	0.178	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
12A	»RNDUP POWERMAX	1.125	LAA	6	95	99	99	99	96	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.413	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				4.7	0.0	0.0	1.1	6.2	0.0
	STANDARD DEVIATION				2.3	0.0	0.0	0.5	3.0	0.0

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N
CREATED: 04/02/2019 **REVISED:** 10/29/2019 **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 % 06/25/19	GLXMA CON % 07/11/19	ERICA CON % 07/11/19	CHEAL CON % 07/11/19	STEME CON % 07/11/19	LAMAM CON % 07/11/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»RNDUP POWERMAX	1.125	LAA	6	80	0	96	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	SELECT MAX	0.07	LAA	12						
G	»INDUCE	0.25	PMV	12						
H	»LIQUID AMS	2.50	PMV	12						
3A	»RNDUP POWERMAX	1.125	LAA	6	98	2	94	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»INDUCE	0.25	PMV	6						
D	»INTACT	0.50	PMV	6						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»V-10440 2.3SC	0.108	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
4A	»RNDUP POWERMAX	1.125	LAA	6	98	0	87	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
5A	»RNDUP POWERMAX	1.125	LAA	6	90	0	98	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCEMTZ 2.64	0.33	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	SELECT MAX	0.07	LAA	12						
H	»INDUCE	0.25	PMV	12						
I	»LIQUID AMS	2.50	PMV	12						
6A	»RNDUP POWERMAX	1.125	LAA	6	94	3	93	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»AUTHORITY MTZ	0.31	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»ANTHEM FLEX 4S	0.078	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
7A	»RNDUP POWERMAX	1.125	LAA	6	99	3	99	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»ZIDUA PRO 4.09	0.192	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						
G	»V-10440 2.3SC	0.108	LAA	12						
H	SELECT MAX	0.07	LAA	12						
I	»INDUCE	0.25	PMV	12						
J	»LIQUID AMS	2.50	PMV	12						
8A	»RNDUP POWERMAX	1.125	LAA	6	99	3	96	99	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6						
C	»FIERCE EZ 3.04	0.143	LAA	6						
D	»INDUCE	0.25	PMV	6						
E	»INTACT	0.50	PMV	6						
F	»RNDUP POWERMAX	1.125	LAA	12						

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/25/19	GLXMA CON % 07/11/19	ERICA CON % 07/11/19	CHEAL CON % 07/11/19	STEME CON % 07/11/19	LAMAM CON % 07/11/19
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
9A	»RNDUP POWERMAX	1.125	LAA	6	98	3	93	99	99	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.33	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
10A	»RNDUP POWERMAX	1.125	LAA	6	96	3	94	99	99	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»AUTHORITY MTZ	0.31	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
11A	»RNDUP POWERMAX	1.125	LAA	6	99	3	92	99	99	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCE EZ 3.04	0.178	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
12A	»RNDUP POWERMAX	1.125	LAA	6	98	3	87	99	99	99
	B»XTENDIMAX 2.9	0.50	LAA	6						
	C»FIERCEMTZ 2.64	0.413	LAA	6						
	D»INDUCE	0.25	PMV	6						
	E»INTACT	0.50	PMV	6						
	F»RNDUP POWERMAX	1.125	LAA	12						
	G»V-10440 2.3SC	0.108	LAA	12						
	H SELECT MAX	0.07	LAA	12						
	I»INDUCE	0.25	PMV	12						
	J»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				13.7	1.7	9.8	0.0	0.0	0.0
	STANDARD DEVIATION				6.6	0.8	4.7	0.0	0.0	0.0

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N
CREATED: 04/02/2019 **REVISED:** 10/29/2019 **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	PHBPU CON % 07/11/19	SETFA CON % 07/11/19	AMATA CON % 07/11/19
1A	CHECK	0.00	NA	0	0	0	0
2A	»RNDUP POWERMAX	1.125	LAA	6	74	92	71
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»INDUCE	0.25	PMV	6			
D	»INTACT	0.50	PMV	6			
E	»RNDUP POWERMAX	1.125	LAA	12			
F	SELECT MAX	0.07	LAA	12			
G	»INDUCE	0.25	PMV	12			
H	»LIQUID AMS	2.50	PMV	12			
3A	»RNDUP POWERMAX	1.125	LAA	6	85	99	88
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»INDUCE	0.25	PMV	6			
D	»INTACT	0.50	PMV	6			
E	»RNDUP POWERMAX	1.125	LAA	12			
F	»V-10440 2.3SC	0.108	LAA	12			
G	SELECT MAX	0.07	LAA	12			
H	»INDUCE	0.25	PMV	12			
I	»LIQUID AMS	2.50	PMV	12			
4A	»RNDUP POWERMAX	1.125	LAA	6	73	99	99
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»FIERCE EZ 3.04	0.143	LAA	6			
D	»INDUCE	0.25	PMV	6			
E	»INTACT	0.50	PMV	6			
F	»RNDUP POWERMAX	1.125	LAA	12			
G	SELECT MAX	0.07	LAA	12			
H	»INDUCE	0.25	PMV	12			
I	»LIQUID AMS	2.50	PMV	12			
5A	»RNDUP POWERMAX	1.125	LAA	6	75	91	81
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»FIERCEMTZ 2.64	0.33	LAA	6			
D	»INDUCE	0.25	PMV	6			
E	»INTACT	0.50	PMV	6			
F	»RNDUP POWERMAX	1.125	LAA	12			
G	SELECT MAX	0.07	LAA	12			
H	»INDUCE	0.25	PMV	12			
I	»LIQUID AMS	2.50	PMV	12			
6A	»RNDUP POWERMAX	1.125	LAA	6	93	98	86
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»AUTHORITY MTZ	0.31	LAA	6			
D	»INDUCE	0.25	PMV	6			
E	»INTACT	0.50	PMV	6			
F	»RNDUP POWERMAX	1.125	LAA	12			
G	»ANTHEM FLEX 4S	0.078	LAA	12			
H	SELECT MAX	0.07	LAA	12			
I	»INDUCE	0.25	PMV	12			
J	»LIQUID AMS	2.50	PMV	12			
7A	»RNDUP POWERMAX	1.125	LAA	6	80	98	93
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»ZIDUA PRO 4.09	0.192	LAA	6			
D	»INDUCE	0.25	PMV	6			
E	»INTACT	0.50	PMV	6			
F	»RNDUP POWERMAX	1.125	LAA	12			
G	»V-10440 2.3SC	0.108	LAA	12			
H	SELECT MAX	0.07	LAA	12			
I	»INDUCE	0.25	PMV	12			
J	»LIQUID AMS	2.50	PMV	12			
8A	»RNDUP POWERMAX	1.125	LAA	6	83	99	98
B	»XTENDIMAX 2.9	0.50	LAA	6			
C	»FIERCE EZ 3.04	0.143	LAA	6			
D	»INDUCE	0.25	PMV	6			
E	»INTACT	0.50	PMV	6			
F	»RNDUP POWERMAX	1.125	LAA	12			

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 07/11/19	SETFA CON % 07/11/19	AMATA CON % 07/11/19
	G»V-10440 2.3SC	0.108	LAA	12			
	H SELECT MAX	0.07	LAA	12			
	I»INDUCE	0.25	PMV	12			
	J»LIQUID AMS	2.50	PMV	12			
9A	»RNDUP POWERMAX	1.125	LAA	6	82	99	91
	B»XTENDIMAX 2.9	0.50	LAA	6			
	C»FIERCEMTZ 2.64	0.33	LAA	6			
	D»INDUCE	0.25	PMV	6			
	E»INTACT	0.50	PMV	6			
	F»RNDUP POWERMAX	1.125	LAA	12			
	G»V-10440 2.3SC	0.108	LAA	12			
	H SELECT MAX	0.07	LAA	12			
	I»INDUCE	0.25	PMV	12			
	J»LIQUID AMS	2.50	PMV	12			
10A	»RNDUP POWERMAX	1.125	LAA	6	91	99	89
	B»XTENDIMAX 2.9	0.50	LAA	6			
	C»AUTHORITY MTZ	0.31	LAA	6			
	D»INDUCE	0.25	PMV	6			
	E»INTACT	0.50	PMV	6			
	F»RNDUP POWERMAX	1.125	LAA	12			
	G»V-10440 2.3SC	0.108	LAA	12			
	H SELECT MAX	0.07	LAA	12			
	I»INDUCE	0.25	PMV	12			
	J»LIQUID AMS	2.50	PMV	12			
11A	»RNDUP POWERMAX	1.125	LAA	6	82	99	98
	B»XTENDIMAX 2.9	0.50	LAA	6			
	C»FIERCE EZ 3.04	0.178	LAA	6			
	D»INDUCE	0.25	PMV	6			
	E»INTACT	0.50	PMV	6			
	F»RNDUP POWERMAX	1.125	LAA	12			
	G»V-10440 2.3SC	0.108	LAA	12			
	H SELECT MAX	0.07	LAA	12			
	I»INDUCE	0.25	PMV	12			
	J»LIQUID AMS	2.50	PMV	12			
12A	»RNDUP POWERMAX	1.125	LAA	6	86	99	94
	B»XTENDIMAX 2.9	0.50	LAA	6			
	C»FIERCEMTZ 2.64	0.413	LAA	6			
	D»INDUCE	0.25	PMV	6			
	E»INTACT	0.50	PMV	6			
	F»RNDUP POWERMAX	1.125	LAA	12			
	G»V-10440 2.3SC	0.108	LAA	12			
	H SELECT MAX	0.07	LAA	12			
	I»INDUCE	0.25	PMV	12			
	J»LIQUID AMS	2.50	PMV	12			
		LSD (0.05)			11.6	6.5	21.0
		STANDARD DEVIATION			5.6	3.2	10.1

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
06 = --- / EPP 7DBP 05/15/2019(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 %	05/22/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	05/22/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	STEME	CON %	05/22/2019	04	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	LAMAM	CON %	05/22/2019	05	P	LAMAM		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 %	06/05/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	06/05/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	STEME	CON %	06/05/2019	04	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LAMAM	CON %	06/05/2019	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/05/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Valent Products for Weed Control in a Roundup Xtend System. N-100N

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
011	SETFA	CON %	06/05/2019	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	GLXMA	CON %	06/25/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ERICA	CON %	06/25/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	06/25/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	STEME	CON %	06/25/2019	04	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	LAMAM	CON %	06/25/2019	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	06/25/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/25/2019	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMATA	CON %	06/25/2019	08	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	GLXMA	CON %	07/11/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ERICA	CON %	07/11/2019	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	CHEAL	CON %	07/11/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	STEME	CON %	07/11/2019	04	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	LAMAM	CON %	07/11/2019	05	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	PHBPU	CON %	07/11/2019	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	SETFA	CON %	07/11/2019	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	AMATA	CON %	07/11/2019	08	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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