

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
APPLICATIONS

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 3.2
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	06	07	UNIT
TIMINGS	09	12	12	12	13	13	13	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/05/17	07/06/17	07/06/17	07/06/17	07/18/17	07/18/17	07/18/17	AME
TIME - BEGIN	03:30	05:30	12:58	21:20	05:39	12:57	09:20	24H
TIME - END	03:45	05:45	13:08	21:37	05:55	13:07	09:35	24H
AIR TEMPERATURE	90	76	90	80	65	88	75	F
% REL.HUMIDITY	25	77	55	60	82	45	90	
WIND DIRECTION	NORTHWEST	NORTHWEST	NORTHEAST	SOUTHWEST	CALM	WEST	SOUTH	
WIND SPEED	6.0	2.0	3.0	4.0	0.0	3.0	1.0	M/H
CLOUD COVER	CLEAR-0%	OVERCAST-	PAR.CLOUD	CLEAR-0%	CLEAR-0%	CLEAR-0%	CLEAR-0%	
DEW	NO	YES	NO	NO	YES	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	82/4.00	79/4.00	90/4.00	89/4.00	73/4.00	90/4.00	86/4.00	F/IN
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION								
NOZZLE VOLUME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GPM
NOZZLE NUMBER	5	5	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	18.000	18.000	IN
SCREEN SIZE								
SCREEN SZ DESC	NA	NA	NA	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	20.0	20.0	20.0	20.0	20.0	IN
SPEED	3.00	3.00	3.00	3.00	3.00	3.00	3.00	M/H
MIX SIZE	0.250	0.250	0.250	0.250	0.250	0.250	0.250	
MIX SIZE UNIT	GAL	GAL	GAL	GAL	GAL	GAL	GAL	
SPRAY VOLUME	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE								AME
INC. START								24H
INC. END								24H
INC. DEPTH								IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	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	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *								
P, SOYBEAN		---/17	---/17	---/17	---/61	---/61	---/61	
AG34X6 RR2XTEND		11.0/11.0	11.0/11.0	11.0/11.0	18.0/18.0	18.0/18.0	18.0/18.0	IN
(PLANTED) 06/05/2017		31 DAP	31 DAP	31 DAP	43 DAP	43 DAP	43 DAP	
PEST *								
P, WATERHEMP, COMMO		---/18	---/18	---/18	---/19	---/19	---/19	
		3.00/3.00	3.00/3.00	3.00/3.00	6.00/10.0	6.00/10.0	6.00/10.0	IN
P, RAGWEED, COMMON		---/14	---/14	---/14	---/16	---/16	---/16	
		2.00/2.00	2.00/2.00	2.00/2.00	4.00/8.00	4.00/8.00	4.00/8.00	IN
P, MORNINGGLORY, TA		---/14	---/14	---/14	---/16	---/16	---/16	
		3.00/3.00	3.00/3.00	3.00/3.00	2.00/4.00	2.00/4.00	2.00/4.00	IN

*** CONTINUE

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SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	DEN / STG	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	
PEST * P, FOXTAIL, GIANT		---/13	---/13	---/13	---/15	---/15	---/15	IN
		3.00/3.00	3.00/3.00	3.00/3.00	6.00/12.0	6.00/12.0	6.00/12.0	
P, COCKLEBUR, COMMO		---/16	---/16	---/16	---/19	---/19	---/19	IN
		4.00/4.00	4.00/4.00	4.00/4.00	12.0/12.0	12.0/12.0	12.0/12.0	

* TIMING CODES

09 = --- / PREEMERGENCE
 12 = --- / POST
 13 = --- / LPOST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 61 = 10% OF FLOWERS OPEN (DETERMINATE); BEGINNING OF FLOWERING (INDETERM.)

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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			GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT	TM	DROOP 07/07/17	CON % 07/07/17	DROOP 07/09/17	CON % 07/09/17	DROOP 07/13/17	CON % 07/13/17
1A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	3	12	2	12	0	6
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	7	43	3	43	0	30
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	0	53	1	53	0	32
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	1	5	3	5	0	3
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	7	20	4	27	0	18
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	0	40	0	47	0	33
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	13	3	2	4	0	1
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	23	13	4	18	0	7
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT		DROOP 07/07/17	CON % 07/07/17	DROOP 07/09/17	CON % 07/09/17	DROOP 07/13/17	CON % 07/13/17
12A	ROWEL 51WG	0.064	LAA	9	47	28	7	37	0	28
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	12						
	D>>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SUNRISE	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SOLAR NOON	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						

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TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT TM	DROOP 07/07/17	CON % 07/07/17	DROOP 07/09/17	CON % 07/09/17	DROOP 07/13/17	CON % 07/13/17
24A	ROWEL 51WG	0.064	LAA 9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA 0						
C	XTENDIMAX 2.9	0.50	LAA 13						
D	RNDUP POWERMAX	1.00	LAA 13						
E	COBRA 2EC	0.156	LAA 13						
F	INTACT	0.50	PMV 13						
	LSD (0.05)			4.0	3.3	1.8	4.3	0.0	3.5
	STANDARD DEVIATION			2.0	1.7	0.9	2.1	0.0	1.7

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TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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	SETFA	AMBEL	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17
1A	ROWEL 51WG	0.064	LAA	9	95	95	98	99	88	98
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	99	99	97	99	94	98
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	98	99	98	99	95	99
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	95	97
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	96	96	99	99	92	96
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	95	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	99	98	99	99	97	97
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	97	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	93	98	98	99	86	99
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	96	98	99	99	93	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	98	98	99	99	94	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBEL	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17
12A	»ROWEL 51WG	0.064	LAA	9	99	99	99	99	94	99
	B»1HR AFT SUNSET	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	12						
	D»RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F»INTACT	0.50	PMV	12						
13A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SUNRISE	0.00	NA	0						
	C»RNDUP POWERMAX	1.125	LAA	13						
	D»LIQUID AMS	2.00	PMV	13						
14A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SUNRISE	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»INTACT	0.50	PMV	13						
15A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SUNRISE	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»WARRANT ULTRA	1.36	LAA	13						
	F»INTACT	0.50	PMV	13						
16A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SUNRISE	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F»INTACT	0.50	PMV	13						
17A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SOLAR NOON	0.00	NA	0						
	C»RNDUP POWERMAX	1.125	LAA	13						
	D»LIQUID AMS	2.00	PMV	13						
18A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SOLAR NOON	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»INTACT	0.50	PMV	13						
19A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SOLAR NOON	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»WARRANT ULTRA	1.36	LAA	13						
	F»INTACT	0.50	PMV	13						
20A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»SOLAR NOON	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F»INTACT	0.50	PMV	13						
21A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»1HR AFT SUNSET	0.00	NA	0						
	C»RNDUP POWERMAX	1.125	LAA	13						
	D»LIQUID AMS	2.00	PMV	13						
22A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»1HR AFT SUNSET	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»INTACT	0.50	PMV	13						
23A	»ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B»1HR AFT SUNSET	0.00	NA	0						
	C»XTENDIMAX 2.9	0.50	LAA	13						
	D»RNDUP POWERMAX	1.00	LAA	13						
	E»WARRANT ULTRA	1.36	LAA	13						
	F»INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMBEL	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT TM	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17	CON % 07/13/17
24A	ROWEL 51WG	0.064	LAA 9	C	C	C	C	C	C
	B>1HR AFT SUNSET	0.00	NA 0						
	C>XTENDIMAX 2.9	0.50	LAA 13						
	D>RNDUP POWERMAX	1.00	LAA 13						
	E COBRA 2EC	0.156	LAA 13						
	F>INTACT	0.50	PMV 13						
			LSD (0.05)	1.8	2.5	1.3	0.0	6.1	1.5
			STANDARD DEVIATION	0.9	1.3	0.6	0.0	3.0	0.8

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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			GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT	TM	DROOP 07/19/17	CON % 07/19/17	DROOP 07/21/17	CON % 07/21/17	DROOP 07/25/17	CON % 07/25/17
1A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT		DROOP 07/19/17	CON % 07/19/17	DROOP 07/21/17	CON % 07/21/17	DROOP 07/25/17	CON % 07/25/17
12A	ROWEL 51WG	0.064	LAA	9						
	B>>1HR AFT SUNSET	0.00	NA	0	C	C	C	C	C	C
	C>>XTENDIMAX 2.9	0.50	LAA	12						
	D>>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
	B>>SUNRISE	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	0	7	0	6	0	4
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	0	15	0	17	0	17
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	0	40	0	37	0	28
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
	B>>SOLAR NOON	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	0	7	0	6	0	4
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	0	12	0	17	0	15
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	0	33	0	30	0	27
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	0	0	0	0	0	0
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	1	5	0	5	0	4
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT TM	DROOP 07/19/17	CON % 07/19/17	DROOP 07/21/17	CON % 07/21/17	DROOP 07/25/17	CON % 07/25/17
24A	ROWEL 51WG	0.064	LAA 9	0	23	0	30	0	23
B	1HR AFT SUNSET	0.00	NA 0						
C	XTENDIMAX 2.9	0.50	LAA 13						
D	RNDUP POWERMAX	1.00	LAA 13						
E	COBRA 2EC	0.156	LAA 13						
F	INTACT	0.50	PMV 13						
	LSD (0.05)			0.6	4.4	0.0	3.0	0.0	2.1
	STANDARD DEVIATION			0.3	2.2	0.0	1.5	0.0	1.0

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17
1A»	ROWEL 51WG	0.064	LAA	9	98	94	99	99	91	98
B»	SUNRISE	0.00	NA	0						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.00	PMV	12						
2A»	ROWEL 51WG	0.064	LAA	9	98	98	99	99	98	99
B»	SUNRISE	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	INTACT	0.50	PMV	12						
3A»	ROWEL 51WG	0.064	LAA	9	98	99	99	99	97	99
B»	SUNRISE	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	WARRANT ULTRA	1.36	LAA	12						
F»	INTACT	0.50	PMV	12						
4A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	99
B»	SUNRISE	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F»	INTACT	0.50	PMV	12						
5A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	96
B»	SOLAR NOON	0.00	NA	0						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.00	PMV	12						
6A»	ROWEL 51WG	0.064	LAA	9	98	99	99	99	99	99
B»	SOLAR NOON	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	INTACT	0.50	PMV	12						
7A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	98
B»	SOLAR NOON	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	WARRANT ULTRA	1.36	LAA	12						
F»	INTACT	0.50	PMV	12						
8A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	99
B»	SOLAR NOON	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F»	INTACT	0.50	PMV	12						
9A»	ROWEL 51WG	0.064	LAA	9	99	97	99	99	94	99
B»	1HR AFT SUNSET	0.00	NA	0						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.00	PMV	12						
10A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	99	99
B»	1HR AFT SUNSET	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	INTACT	0.50	PMV	12						
11A»	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	99
B»	1HR AFT SUNSET	0.00	NA	0						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.00	LAA	12						
E»	WARRANT ULTRA	1.36	LAA	12						
F»	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17
12A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	12						
	D>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SUNRISE	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SOLAR NOON	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>1HR AFT SUNSET	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT TM	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17
24A	ROWEL 51WG	0.064	LAA 9	C	C	C	C	C	C
	B>1HR AFT SUNSET	0.00	NA 0						
	C>XTENDIMAX 2.9	0.50	LAA 13						
	D>RNDUP POWERMAX	1.00	LAA 13						
	E COBRA 2EC	0.156	LAA 13						
	F>INTACT	0.50	PMV 13						
			LSD (0.05)	1.2	3.3	0.2	0.0	3.7	1.0
			STANDARD DEVIATION	0.6	1.6	0.1	0.0	1.8	0.5

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17
1A	ROWEL 51WG	0.064	LAA	9	98	91	99	99	92	99
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	96	99	98	99	97	99
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	96	99	99	99	96	99
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	99	98	99	99	99	98
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	98	97
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	99	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	99	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	99	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	96	99	99	98	94	97
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	97	99	99	99	98	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17
12A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	98	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	12						
	D>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	90	87	92	99	73	91
	B>SUNRISE	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	95	97	96	98	94	96
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	96	94	99	99	90	96
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	98	98	99	99	97	99
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	96	96	99	99	88	97
	B>SOLAR NOON	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	96	98	99	99	89	98
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	94	94	97	99	92	99
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	97	99	99	99	97	99
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	78	98	96	99	73	85
	B>1HR AFT SUNSET	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	87	98	99	98	83	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	92	93	99	98	91	97
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT TM	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17	CON % 07/25/17
24A	ROWEL 51WG	0.064	LAA 9	94	99	98	99	93	99
B	1HR AFT SUNSET	0.00	NA 0						
C	XTENDIMAX 2.9	0.50	LAA 13						
D	RNDUP POWERMAX	1.00	LAA 13						
E	COBRA 2EC	0.156	LAA 13						
F	INTACT	0.50	PMV 13						
	LSD (0.05)			4.3	5.7	2.9	1.2	6.4	4.5
	STANDARD DEVIATION			2.1	2.9	1.5	0.6	3.2	2.2

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17
1A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17
12A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	12						
	D>>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	99	88	94	99	75	98
	B>>SUNRISE	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	99	98	97	97	95	98
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	97	99	98	99	91	98
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	97	99
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	98	95	99	99	83	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	93	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	99	92	98	99	91	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	99	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	93	97	98	99	77	94
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	96	98	99	98	92	99
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	98	94	99	98	95	99
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT TM	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17	CON % 08/01/17
24A	ROWEL 51WG	0.064	LAA 9	99	99	99	99	95	99
B	1HR AFT SUNSET	0.00	NA 0						
C	XTENDIMAX 2.9	0.50	LAA 13						
D	RNDUP POWERMAX	1.00	LAA 13						
E	COBRA 2EC	0.156	LAA 13						
F	INTACT	0.50	PMV 13						
	LSD (0.05)			1.7	5.0	3.0	1.6	7.0	1.9
	STANDARD DEVIATION			0.8	2.5	1.5	0.8	3.5	0.9

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17
1A	ROWEL 51WG	0.064	LAA	9	98	89	99	99	92	99
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	93	99	98	99	96	99
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	92	99	99	99	96	99
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	99	97	99	99	98	98
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	95	98
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	96	99	99	99	98	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	99	99	99	98	99	99
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	98	98
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	95	99	99	99	92	96
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	97	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	97	99	99	99	98	99
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17
12A	ROWEL 51WG	0.064	LAA	9	97	99	99	99	97	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	12						
	D>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	99	86	94	99	77	99
	B>SUNRISE	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	99	97	97	96	95	99
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	93	99
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	97	99
	B>SUNRISE	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	98	95	99	99	86	99
	B>SOLAR NOON	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	94	99
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	99	92	99	99	93	99
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	99	99
	B>SOLAR NOON	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	94	96	99	99	78	96
	B>1HR AFT SUNSET	0.00	NA	0						
	C>RNDUP POWERMAX	1.125	LAA	13						
	D>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	95	98	99	99	90	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	99	94	99	99	94	99
	B>1HR AFT SUNSET	0.00	NA	0						
	C>XTENDIMAX 2.9	0.50	LAA	13						
	D>RNDUP POWERMAX	1.00	LAA	13						
	E>WARRANT ULTRA	1.36	LAA	13						
	F>INTACT	0.50	PMV	13						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT TM	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17	CON % 08/08/17
24A	ROWEL 51WG	0.064	LAA 9	99	99	99	98	96	99
	B>1HR AFT SUNSET	0.00	NA 0						
	C>XTENDIMAX 2.9	0.50	LAA 13						
	D>RNDUP POWERMAX	1.00	LAA 13						
	E COBRA 2EC	0.156	LAA 13						
	F>INTACT	0.50	PMV 13						
			LSD (0.05)	3.8	7.9	2.9	2.0	5.9	2.1
			STANDARD DEVIATION	1.9	3.9	1.4	1.0	3.0	1.1

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400
 CREATED: 05/11/2017 REVISED: 03/20/2018 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	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17
1A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
2A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
3A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
4A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SUNRISE	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
5A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
6A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
7A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						
8A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	SOLAR NOON	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	COBRA 2EC	0.156	LAA	12						
F	INTACT	0.50	PMV	12						
9A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	RNDUP POWERMAX	1.125	LAA	12						
D	LIQUID AMS	2.00	PMV	12						
10A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	INTACT	0.50	PMV	12						
11A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
B	1HR AFT SUNSET	0.00	NA	0						
C	XTENDIMAX 2.9	0.50	LAA	12						
D	RNDUP POWERMAX	1.00	LAA	12						
E	WARRANT ULTRA	1.36	LAA	12						
F	INTACT	0.50	PMV	12						

TRIAL # US 223/17/01 002 01 : USPHOTO C-400
DATA MEAN

TITLE: Monsanto Effect of Application Photoperiod on Xtend Soybeans. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	AMBEL	SIDSP	PHBPU	XANST
		RATE	UNIT		CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17	CON % 08/15/17
12A	ROWEL 51WG	0.064	LAA	9	C	C	C	C	C	C
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	12						
	D>>RNDUP POWERMAX	1.00	LAA	12						
	E COBRA 2EC	0.156	LAA	12						
	F>>INTACT	0.50	PMV	12						
13A	ROWEL 51WG	0.064	LAA	9	99	87	95	99	75	99
	B>>SUNRISE	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
14A	ROWEL 51WG	0.064	LAA	9	99	98	98	96	94	99
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
15A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	92	99
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
16A	ROWEL 51WG	0.064	LAA	9	99	99	99	99	96	99
	B>>SUNRISE	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
17A	ROWEL 51WG	0.064	LAA	9	98	94	99	99	89	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
18A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	96	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
19A	ROWEL 51WG	0.064	LAA	9	98	90	99	98	94	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						
20A	ROWEL 51WG	0.064	LAA	9	98	99	99	99	99	99
	B>>SOLAR NOON	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E COBRA 2EC	0.156	LAA	13						
	F>>INTACT	0.50	PMV	13						
21A	ROWEL 51WG	0.064	LAA	9	97	96	99	99	77	97
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>RNDUP POWERMAX	1.125	LAA	13						
	D>>LIQUID AMS	2.00	PMV	13						
22A	ROWEL 51WG	0.064	LAA	9	95	98	99	99	90	99
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>INTACT	0.50	PMV	13						
23A	ROWEL 51WG	0.064	LAA	9	99	93	99	99	92	99
	B>>1HR AFT SUNSET	0.00	NA	0						
	C>>XTENDIMAX 2.9	0.50	LAA	13						
	D>>RNDUP POWERMAX	1.00	LAA	13						
	E>>WARRANT ULTRA	1.36	LAA	13						
	F>>INTACT	0.50	PMV	13						

