APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 6.2
%OM: 5.6
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	09	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/25/19	06/04/19	AME
TIME - BEGIN	11:50	11:50	24H
TIME - END	12:05	12:00	24H
AIR TEMPERATURE	66	77	F
% REL.HUMIDITY	60	57	
WIND DIRECTION	NORTHEAST	SOUTHWEST	
WIND SPEED	2.0	7.0	M/H
CLOUD COVER	PAR.CLOUD	CLOUDY-~6	
DEW	NO	NOT APP /	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	52/4.00	72/4.00	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

*** TIMING CODES**
09 = --- / PREEMERGENCE
12 = --- / POST

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth
CREATED: 04/24/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 05/30/19	SETFA CON % 05/30/19	CHEAL CON % 05/30/19	ABUTH CON % 05/30/19	IPOHE CON % 05/30/19	GLXMA CON % 06/11/19
1A	BOUNDARY 6.5EC	1.63	LAA	9	0	91	98	93	88	0
B»	FLEXSTAR GT 3.	1.23	LAA	12						
C	DUAL MAGNUM	1.19	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.63	LAA	9	0	98	98	88	82	0
B»	TAVIUM 3.39AE	1.50	LAA	12						
C»	RNDUP POWERMAX	0.91	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
3A»	PREFIX 5.29EC	1.32	LAA	9	0	95	99	90	78	0
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
4A»	BROADAXE XC 7L	1.37	LAA	9	0	98	99	90	85	0
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
5A	BOUNDARY 6.5EC	1.63	LAA	9	0	98	99	95	93	0
B»	AUTHORITY XL 7	0.14	LAA	9						
C	DUAL MAGNUM	1.19	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
6A»	AUTHOR. SUPREM	0.208	LAA	9	0	96	98	95	90	0
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
7A»	VHP58-003 4.25	0.30	LAA	9	0	96	99	95	90	0
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
8A»	WARRANT ULTRA	1.36	LAA	9	0	93	94	80	80	0
B»	WARRANT 3L	1.125	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
9A»	ZIDUA PRO 4.09	0.144	LAA	9	0	90	98	87	83	0
B»	ENGENIA 5L	0.50	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
10A»	TRIVENCE 61.3W	6.00	OMA	0	0	98	98	95	93	0
B»	VALOR SX 51WDG	0.047	LAA	9						
C	CLASSIC 25WG	0.015	LAA	9						
D»	TRICOR 75DF	0.167	LAA	9						
E»	DURANGO 4AE	1.125	LAA	12						
F»	EVERPREX 7.62E	0.95	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 05/30/19	SETFA CON % 05/30/19	CHEAL CON % 05/30/19	ABUTH CON % 05/30/19	IPOHE CON % 05/30/19	GLXMA CON % 06/11/19
11A	»LPI-6634-5 4.3	1.51	LAA	9	0	96	99	93	88	0
B	»MAKAZE 3AE	0.75	LAA	12						
C	»TOPGUN 2L	0.25	LAA	12						
D	»MSO	0.63	PMV	12						
E	»CLASS ACT RIDI	1.00	PMV	12						
12A	»FIERCE EZ 3.04	0.14	LAA	9	0	98	99	95	85	0
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
13A	»FIERCEMTZ 2.64	0.33	LAA	9	0	98	95	95	90	0
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
14A	»VALOR SX 51WDG	0.063	LAA	9	0	87	96	87	83	0
B	»TRICOR 75DF	0.188	LAA	9						
C	PROWL H2O 3.8	0.714	LAA	9						
D	»XTENDIMAX 2.9	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»INTACT	0.50	PMV	12						
G	»INDUCE	0.25	PMV	12						
15A	»PANTHER PRO 4.	0.33	LAA	9	0	85	99	95	83	0
B	»CREDIT XTREME	1.125	LAA	12						
C	»XTENDIMAX 2.9	0.50	LAA	12						
D	»WARRANT 3L	1.125	LAA	12						
E	»INDUCE	0.25	PMV	12						
F	»INTACT	1.00	PMV	12						
16A	»XTENDIMAX 2.9	0.50	LAA	12	0	C	C	C	C	0
B	»RNDUP POWERMAX	1.125	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»INDUCE	0.25	PMV	12						
17A	»TAVIUM 3.39AE	1.50	LAA	12	0	C	C	C	C	0
B	»RNDUP POWERMAX	0.91	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»CLASS ACT RIDI	1.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	7.0	4.3	8.8	9.5	0.0
	STANDARD DEVIATION				0.0	3.4	2.1	4.4	4.7	0.0

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth
CREATED: 04/24/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/11/19	CHEAL CON % 06/11/19	ABUTH CON % 06/11/19	IPOHE CON % 06/11/19	GLXMA CON % 06/24/19	SETFA CON % 06/24/19
1A	BOUNDARY 6.5EC	1.63	LAA	9	89	96	78	70	8	95
B»	FLEXSTAR GT 3.	1.23	LAA	12						
C	DUAL MAGNUM	1.19	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.63	LAA	9	90	94	72	63	3	99
B»	TAVIUM 3.39AE	1.50	LAA	12						
C»	RNDUP POWERMAX	0.91	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
3A»	PREFIX 5.29EC	1.32	LAA	9	98	98	78	68	3	98
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
4A»	BROADAXE XC 7L	1.37	LAA	9	98	98	84	80	1	99
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
5A	BOUNDARY 6.5EC	1.63	LAA	9	99	99	99	96	7	99
B»	AUTHORITY XL 7	0.14	LAA	9						
C	DUAL MAGNUM	1.19	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
6A»	AUTHOR. SUPREM	0.208	LAA	9	89	99	94	85	1	99
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
7A»	VHP58-003 4.25	0.30	LAA	9	94	99	99	95	0	99
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
8A»	WARRANT ULTRA	1.36	LAA	9	82	80	43	43	0	99
B»	WARRANT 3L	1.125	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
9A»	ZIDUA PRO 4.09	0.144	LAA	9	88	98	93	88	0	99
B»	ENGENIA 5L	0.50	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
10A»	TRIVENCE 61.3W	6.00	OMA	0	93	99	99	91	4	99
B»	VALOR SX 51WDG	0.047	LAA	9						
C	CLASSIC 25WG	0.015	LAA	9						
D»	TRICOR 75DF	0.167	LAA	9						
E»	DURANGO 4AE	1.125	LAA	12						
F»	EVERPREX 7.62E	0.95	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/11/19	CHEAL CON % 06/11/19	ABUTH CON % 06/11/19	IPOHE CON % 06/11/19	GLXMA CON % 06/24/19	SETFA CON % 06/24/19
11A	»LPI-6634-5 4.3	1.51	LAA	9	95	99	98	94	4	97
B	»MAKAZE 3AE	0.75	LAA	12						
C	»TOPGUN 2L	0.25	LAA	12						
D	»MSO	0.63	PMV	12						
E	»CLASS ACT RIDI	1.00	PMV	12						
12A	»FIERCE EZ 3.04	0.14	LAA	9	92	99	99	93	1	99
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
13A	»FIERCEMTZ 2.64	0.33	LAA	9	90	99	99	91	0	99
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
14A	»VALOR SX 51WDG	0.063	LAA	9	75	98	91	78	0	99
B	»TRICOR 75DF	0.188	LAA	9						
C	PROWL H2O 3.8	0.714	LAA	9						
D	»XTENDIMAX 2.9	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»INTACT	0.50	PMV	12						
G	»INDUCE	0.25	PMV	12						
15A	»PANTHER PRO 4.	0.33	LAA	9	72	99	98	86	1	99
B	»CREDIT XTREME	1.125	LAA	12						
C	»XTENDIMAX 2.9	0.50	LAA	12						
D	»WARRANT 3L	1.125	LAA	12						
E	»INDUCE	0.25	PMV	12						
F	»INTACT	1.00	PMV	12						
16A	»XTENDIMAX 2.9	0.50	LAA	12	98	95	80	93	0	97
B	»RNDUP POWERMAX	1.125	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»INDUCE	0.25	PMV	12						
17A	»TAVIUM 3.39AE	1.50	LAA	12	96	93	88	90	1	96
B	»RNDUP POWERMAX	0.91	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»CLASS ACT RIDI	1.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				7.5	4.7	9.6	8.5	2.2	1.7
	STANDARD DEVIATION				3.7	2.3	4.8	4.2	1.1	0.9

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth
CREATED: 04/24/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **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 % 06/24/19	ABUTH CON % 06/24/19	IPOHE CON % 06/24/19	GLXMA CON % 07/08/19	SETFA CON % 07/08/19	CHEAL CON % 07/08/19
1A	BOUNDARY 6.5EC	1.63	LAA	9	98	96	92	5	95	95
B»	FLEXSTAR GT 3.	1.23	LAA	12						
C	DUAL MAGNUM	1.19	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.63	LAA	9	99	93	91	0	96	99
B»	TAVIUM 3.39AE	1.50	LAA	12						
C»	RNDUP POWERMAX	0.91	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
3A»	PREFIX 5.29EC	1.32	LAA	9	99	98	92	0	96	98
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
4A»	BROADAXE XC 7L	1.37	LAA	9	99	90	93	0	96	99
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
5A	BOUNDARY 6.5EC	1.63	LAA	9	99	96	88	0	99	99
B»	AUTHORITY XL 7	0.14	LAA	9						
C	DUAL MAGNUM	1.19	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
6A»	AUTHOR. SUPREM	0.208	LAA	9	99	98	94	0	83	98
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
7A»	VHP58-003 4.25	0.30	LAA	9	99	97	96	0	83	99
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
8A»	WARRANT ULTRA	1.36	LAA	9	99	96	93	0	88	96
B»	WARRANT 3L	1.125	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
9A»	ZIDUA PRO 4.09	0.144	LAA	9	99	98	93	0	80	95
B»	ENGENIA 5L	0.50	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
10A»	TRIVENCE 61.3W	6.00	OMA	0	99	98	92	0	98	99
B»	VALOR SX 51WDG	0.047	LAA	9						
C	CLASSIC 25WG	0.015	LAA	9						
D»	TRICOR 75DF	0.167	LAA	9						
E»	DURANGO 4AE	1.125	LAA	12						
F»	EVERPREX 7.62E	0.95	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/24/19	ABUTH CON % 06/24/19	IPOHE CON % 06/24/19	GLXMA CON % 07/08/19	SETFA CON % 07/08/19	CHEAL CON % 07/08/19
11A	»LPI-6634-5 4.3	1.51	LAA	9	98	95	93	0	88	98
B	»MAKAZE 3AE	0.75	LAA	12						
C	»TOPGUN 2L	0.25	LAA	12						
D	»MSO	0.63	PMV	12						
E	»CLASS ACT RIDI	1.00	PMV	12						
12A	»FIERCE EZ 3.04	0.14	LAA	9	99	98	96	0	83	98
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
13A	»FIERCEMTZ 2.64	0.33	LAA	9	98	97	95	0	73	96
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
14A	»VALOR SX 51WDG	0.063	LAA	9	99	98	94	0	77	98
B	»TRICOR 75DF	0.188	LAA	9						
C	PROWL H2O 3.8	0.714	LAA	9						
D	»XTENDIMAX 2.9	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»INTACT	0.50	PMV	12						
G	»INDUCE	0.25	PMV	12						
15A	»PANTHER PRO 4.	0.33	LAA	9	99	98	90	0	93	99
B	»CREDIT XTREME	1.125	LAA	12						
C	»XTENDIMAX 2.9	0.50	LAA	12						
D	»WARRANT 3L	1.125	LAA	12						
E	»INDUCE	0.25	PMV	12						
F	»INTACT	1.00	PMV	12						
16A	»XTENDIMAX 2.9	0.50	LAA	12	99	98	90	0	70	94
B	»RNDUP POWERMAX	1.125	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»INDUCE	0.25	PMV	12						
17A	»TAVIUM 3.39AE	1.50	LAA	12	98	90	82	0	83	98
B	»RNDUP POWERMAX	0.91	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»CLASS ACT RIDI	1.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				1.8	5.4	8.0	1.9	14.8	5.4
	STANDARD DEVIATION				0.9	2.7	4.0	1.0	7.3	2.7

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth
CREATED: 04/24/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **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	ABUTH CON % 07/08/19	IPOHE CON % 07/08/19	GLXMA CON % 08/07/19	SETFA CON % 08/07/19	CHEAL CON % 08/07/19	ABUTH CON % 08/07/19
1A	BOUNDARY 6.5EC	1.63	LAA	9	88	83	0	93	93	73
B»	FLEXSTAR GT 3.	1.23	LAA	12						
C	DUAL MAGNUM	1.19	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
2A	BOUNDARY 6.5EC	1.63	LAA	9	93	90	0	98	98	73
B»	TAVIUM 3.39AE	1.50	LAA	12						
C»	RNDUP POWERMAX	0.91	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
3A»	PREFIX 5.29EC	1.32	LAA	9	95	82	0	99	99	93
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
4A»	BROADAXE XC 7L	1.37	LAA	9	92	88	0	96	98	87
B»	METRIBUZIN 75D	0.28	LAA	9						
C»	TAVIUM 3.39AE	1.50	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
5A	BOUNDARY 6.5EC	1.63	LAA	9	98	78	0	99	99	96
B»	AUTHORITY XL 7	0.14	LAA	9						
C	DUAL MAGNUM	1.19	LAA	12						
D»	RNDUP POWERMAX	0.91	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
6A»	AUTHOR. SUPREM	0.208	LAA	9	95	93	0	93	99	96
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
7A»	VHP58-003 4.25	0.30	LAA	9	96	95	0	90	98	95
B»	ANTHEM MAXX 4.	0.084	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
8A»	WARRANT ULTRA	1.36	LAA	9	90	85	0	94	99	95
B»	WARRANT 3L	1.125	LAA	12						
C»	XTENDIMAX 2.9	0.50	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	INTACT	0.50	PMV	12						
F»	CLASS ACT RIDI	1.00	PMV	12						
9A»	ZIDUA PRO 4.09	0.144	LAA	9	90	75	0	90	99	96
B»	ENGENIA 5L	0.50	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	INTACT	0.50	PMV	12						
E»	CLASS ACT RIDI	1.00	PMV	12						
10A»	TRIVENCE 61.3W	6.00	OMA	0	98	75	0	98	99	95
B»	VALOR SX 51WDG	0.047	LAA	9						
C	CLASSIC 25WG	0.015	LAA	9						
D»	TRICOR 75DF	0.167	LAA	9						
E»	DURANGO 4AE	1.125	LAA	12						
F»	EVERPREX 7.62E	0.95	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ABUTH CON % 07/08/19	IPOHE CON % 07/08/19	GLXMA CON % 08/07/19	SETFA CON % 08/07/19	CHEAL CON % 08/07/19	ABUTH CON % 08/07/19
11A	»LPI-6634-5 4.3	1.51	LAA	9	82	72	0	83	98	77
B	»MAKAZE 3AE	0.75	LAA	12						
C	»TOPGUN 2L	0.25	LAA	12						
D	»MSO	0.63	PMV	12						
E	»CLASS ACT RIDI	1.00	PMV	12						
12A	»FIERCE EZ 3.04	0.14	LAA	9	95	87	0	88	99	95
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
13A	»FIERCEMTZ 2.64	0.33	LAA	9	96	87	0	85	98	95
B	»XTENDIMAX 2.9	0.50	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
D	»INTACT	0.50	PMV	12						
E	»INDUCE	0.25	PMV	12						
14A	»VALOR SX 51WDG	0.063	LAA	9	96	82	0	88	95	91
B	»TRICOR 75DF	0.188	LAA	9						
C	PROWL H2O 3.8	0.714	LAA	9						
D	»XTENDIMAX 2.9	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»INTACT	0.50	PMV	12						
G	»INDUCE	0.25	PMV	12						
15A	»PANTHER PRO 4.	0.33	LAA	9	99	85	0	96	99	96
B	»CREDIT XTREME	1.125	LAA	12						
C	»XTENDIMAX 2.9	0.50	LAA	12						
D	»WARRANT 3L	1.125	LAA	12						
E	»INDUCE	0.25	PMV	12						
F	»INTACT	1.00	PMV	12						
16A	»XTENDIMAX 2.9	0.50	LAA	12	88	60	0	68	93	77
B	»RNDUP POWERMAX	1.125	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»INDUCE	0.25	PMV	12						
17A	»TAVIUM 3.39AE	1.50	LAA	12	65	47	0	80	94	72
B	»RNDUP POWERMAX	0.91	LAA	12						
C	»INTACT	0.50	PMV	12						
D	»CLASS ACT RIDI	1.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				14.9	19.6	0.0	11.6	4.5	18.5
	STANDARD DEVIATION				7.4	9.7	0.0	5.7	2.2	9.2

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth
CREATED: 04/24/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: MONMOUTH **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	IPOHE CON % 08/07/19	YIELD BU/A 10/24/19
1A	BOUNDARY 6.5EC	1.63	LAA	9	75	48.2
B»	FLEXSTAR GT 3.	1.23	LAA	12		
C	DUAL MAGNUM	1.19	LAA	12		
D»	MSO	1.00	PMV	12		
E»	LIQUID AMS	2.50	PMV	12		
2A	BOUNDARY 6.5EC	1.63	LAA	9	78	56.7
B»	TAVIUM 3.39AE	1.50	LAA	12		
C»	RNDUP POWERMAX	0.91	LAA	12		
D»	INTACT	0.50	PMV	12		
E»	CLASS ACT RIDI	1.00	PMV	12		
3A»	PREFIX 5.29EC	1.32	LAA	9	88	60.2
B»	METRIBUZIN 75D	0.28	LAA	9		
C»	TAVIUM 3.39AE	1.50	LAA	12		
D»	RNDUP POWERMAX	0.91	LAA	12		
E»	INTACT	0.50	PMV	12		
F»	CLASS ACT RIDI	1.00	PMV	12		
4A»	BROADAXE XC 7L	1.37	LAA	9	85	57.4
B»	METRIBUZIN 75D	0.28	LAA	9		
C»	TAVIUM 3.39AE	1.50	LAA	12		
D»	RNDUP POWERMAX	0.91	LAA	12		
E»	INTACT	0.50	PMV	12		
F»	CLASS ACT RIDI	1.00	PMV	12		
5A	BOUNDARY 6.5EC	1.63	LAA	9	90	55.6
B»	AUTHORITY XL 7	0.14	LAA	9		
C	DUAL MAGNUM	1.19	LAA	12		
D»	RNDUP POWERMAX	0.91	LAA	12		
E»	LIQUID AMS	2.50	PMV	12		
6A»	AUTHOR. SUPREM	0.208	LAA	9	93	56.4
B»	ANTHEM MAXX 4.	0.084	LAA	12		
C»	XTENDIMAX 2.9	0.50	LAA	12		
D»	RNDUP POWERMAX	1.125	LAA	12		
E»	INTACT	0.50	PMV	12		
F»	CLASS ACT RIDI	1.00	PMV	12		
7A»	VHP58-003 4.25	0.30	LAA	9	92	50.7
B»	ANTHEM MAXX 4.	0.084	LAA	12		
C»	XTENDIMAX 2.9	0.50	LAA	12		
D»	RNDUP POWERMAX	1.125	LAA	12		
E»	INTACT	0.50	PMV	12		
F»	CLASS ACT RIDI	1.00	PMV	12		
8A»	WARRANT ULTRA	1.36	LAA	9	90	57.2
B»	WARRANT 3L	1.125	LAA	12		
C»	XTENDIMAX 2.9	0.50	LAA	12		
D»	RNDUP POWERMAX	1.125	LAA	12		
E»	INTACT	0.50	PMV	12		
F»	CLASS ACT RIDI	1.00	PMV	12		
9A»	ZIDUA PRO 4.09	0.144	LAA	9	88	56.2
B»	ENGENIA 5L	0.50	LAA	12		
C»	RNDUP POWERMAX	1.125	LAA	12		
D»	INTACT	0.50	PMV	12		
E»	CLASS ACT RIDI	1.00	PMV	12		
10A»	TRIVENCE 61.3W	6.00	OMA	0	88	55.7
B»	VALOR SX 51WDG	0.047	LAA	9		
C	CLASSIC 25WG	0.015	LAA	9		
D»	TRICOR 75DF	0.167	LAA	9		
E»	DURANGO 4AE	1.125	LAA	12		
F»	EVERPREX 7.62E	0.95	LAA	12		
G»	LIQUID AMS	2.50	PMV	12		

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	IPOHE CON % 08/07/19	YIELD BU/A 10/24/19
11A»	LPI-6634-5 4.3	1.51	LAA	9	82	53.6
B»	MAKAZE 3AE	0.75	LAA	12		
C»	TOPGUN 2L	0.25	LAA	12		
D»	MSO	0.63	PMV	12		
E»	CLASS ACT RIDI	1.00	PMV	12		
12A»	FIERCE EZ 3.04	0.14	LAA	9	93	60.3
B»	XTENDIMAX 2.9	0.50	LAA	12		
C»	RNDUP POWERMAX	1.125	LAA	12		
D»	INTACT	0.50	PMV	12		
E»	INDUCE	0.25	PMV	12		
13A»	FIERCEMTZ 2.64	0.33	LAA	9	85	55.6
B»	XTENDIMAX 2.9	0.50	LAA	12		
C»	RNDUP POWERMAX	1.125	LAA	12		
D»	INTACT	0.50	PMV	12		
E»	INDUCE	0.25	PMV	12		
14A»	VALOR SX 51WDG	0.063	LAA	9	90	58.5
B»	TRICOR 75DF	0.188	LAA	9		
C	PROWL H2O 3.8	0.714	LAA	9		
D»	XTENDIMAX 2.9	0.50	LAA	12		
E»	RNDUP POWERMAX	1.125	LAA	12		
F»	INTACT	0.50	PMV	12		
G»	INDUCE	0.25	PMV	12		
15A»	PANTHER PRO 4.	0.33	LAA	9	92	60.9
B»	CREDIT XTREME	1.125	LAA	12		
C»	XTENDIMAX 2.9	0.50	LAA	12		
D»	WARRANT 3L	1.125	LAA	12		
E»	INDUCE	0.25	PMV	12		
F»	INTACT	1.00	PMV	12		
16A»	XTENDIMAX 2.9	0.50	LAA	12	72	58.0
B»	RNDUP POWERMAX	1.125	LAA	12		
C»	INTACT	0.50	PMV	12		
D»	INDUCE	0.25	PMV	12		
17A»	TAVIUM 3.39AE	1.50	LAA	12	68	55.9
B»	RNDUP POWERMAX	0.91	LAA	12		
C»	INTACT	0.50	PMV	12		
D»	CLASS ACT RIDI	1.00	PMV	12		
18A	CHECK	0.00	NA	0	0	17.6
	LSD (0.05)				11.7	6.73
	STANDARD DEVIATION				5.8	3.33

» **= SUPPLEMENTAL CHEMICAL** **---,M,C,D = MISSING DATA**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 04/25/2019(1)
12 = --- / POST 06/04/2019(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	05/30/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/30/2019	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/30/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/30/2019	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE	CON %	05/30/2019	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/11/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/11/2019	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/11/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/11/2019	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOHE	CON %	06/11/2019	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	06/24/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/24/2019	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/24/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/24/2019	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in RR2Y Xtend Soybean. Monmouth

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
015	IPOHE	CON %	06/24/2019	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	07/08/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/08/2019	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/08/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/08/2019	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	IPOHE	CON %	07/08/2019	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	GLXMA	CON %	08/07/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	08/07/2019	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	08/07/2019	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	08/07/2019	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	IPOHE	CON %	08/07/2019	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	YIELD	BU/A	10/24/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = P 36A18X