

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

## Trial Information

Trial Sponsor(s): Bayer

Objective: Evaluate the potential benefit of adding XtendiMax to the tank with traditional PRE herbicides

Crop: XtendFlex Soybean

Variety: AG20XF1

Weed species (pressure): common ragweed (moderage-high)  
velvetleaf (moderate)  
common lambsquarters (moderate)

Herbicide Application(s): PRE – 5/10

For the full report see trial #22-ARL-SB01 in the [2022 Wisconsin Weed Science Research Report](#)



**Cropping Systems Weed Science**  
UNIVERSITY OF WISCONSIN-MADISON



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Trt # Herbicide (rate acre <sup>-1</sup> )	C. Ragweed		Lambsquarters		Velvetleaf		
	23 DAT	36 DAT	23 DAT	36 DAT	23 DAT	36 DAT	
1 Untreated Check	0	0	0	0	0	0	
<b>One-Pass – PRE (5/10)</b>							
2 Warrant (48 fl oz) + Mauler (8 fl oz)	71	84	91	92	61	78	
8 Warrant (48 fl oz) + Mauler (8 fl oz) + XtendiMax (22 fl oz)*	99	99	99	98	85	92	
3 Warrant (48 fl oz)	79	75	89	83	44	61	
9 Warrant (48 fl oz) + XtendiMax (22 fl oz)*	98	98	99	97	87	90	
4 Warrant Ultra (50 fl oz)	71	81	96	85	49	63	
10 Warrant Ultra (50 fl oz) + XtendiMax (22 fl oz)*	100	99	100	98	79	86	
5 Fierce EZ (6 fl oz)	91	90	99	97	95	97	
11 Fierce EZ (6 fl oz) + XtendiMax (22 fl oz)*	98	98	99	98	90	93	
6 Valor EZ (2 fl oz)	92	88	99	99	96	98	
12 Valor EZ (2 fl oz) + XtendiMax (22 fl oz)*	99	99	99	99	98	99	
7 Authority MTZ (10 oz)	82	85	97	92	54	74	
13 Authority MTZ (10 oz) + XtendiMax (22 fl oz)*	99	98	97	98	82	88	
14 XtendiMax (22 fl oz)*	97	99	95	88	85	91	
	<b>LSD (<math>\alpha=0.10</math>)</b>	<b>11</b>	<b>6</b>	<b>ns</b>	<b>5</b>	<b>20</b>	<b>13</b>
	<b>p value</b>	<b>&lt;0.001</b>	<b>&lt;0.001</b>	<b>0.125</b>	<b>&lt;0.001</b>	<b>&lt;0.001</b>	<b>&lt;0.001</b>

<sup>a</sup>Visual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

\*All treatments with XtendiMax included 20 fl oz/a VaporGrip Xtra, a volatility reducing agent.

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

Plot pictures taken on 6/2  
23 days after the PRE application

The numbers in the upper right-hand corner are the average % common ragweed and velvetleaf control of 4 replications

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)



23 days after PRE (6/2)  
Untreated Check

0%



23 days after PRE (6/2)

PRE: 48 fl oz Warrant + 8 fl oz Mauler

C. Ragweed = 71%

Velvetleaf = 61%



23 days after PRE (6/2)

PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax

C. Ragweed = 99%

Velvetleaf = 85%



23 days after PRE (6/2)  
PRE: 48 fl oz Warrant

C. Ragweed = 79%  
Velvetleaf = 44%





23 days after PRE (6/2)  
PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

C. Ragweed = 98%  
Velvetleaf = 87%



23 days after PRE (6/2)  
PRE: 50 fl oz Warrant Ultra

C. Ragweed = 71%  
Velvetleaf = 49%



23 days after PRE (6/2)  
PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax

C. Ragweed = 100%  
Velvetleaf = 79%



23 days after PRE (6/2)  
PRE: 6 fl oz Fierce EZ

C. Ragweed = 91%  
Velvetleaf = 95%



23 days after PRE (6/2)  
PRE: 6 fl oz Fierce EZ + 22 fl oz XtendiMax

C. Ragweed = 98%  
Velvetleaf = 90%



23 days after PRE (6/2)  
PRE: 2 fl oz Valor EZ

C. Ragweed = 92%  
Velvetleaf = 96%



23 days after PRE (6/2)  
PRE: 2 fl oz Valor EZ + 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 98%



23 days after PRE (6/2)  
PRE: 10 oz Authority MTZ

C. Ragweed = 82%  
Velvetleaf = 54%





23 days after PRE (6/2)  
PRE: 10 oz Authority MTZ + 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 82%



23 days after PRE (6/2)  
PRE: 22 fl oz XtendiMax

C. Ragweed = 97%  
Velvetleaf = 85%



# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

Plot pictures taken on 6/15  
36 days after the PRE application

The numbers in the upper right-hand corner are the average % common ragweed and velvetleaf control of 4 replications

36 days after PRE (6/15)  
Untreated Check

0%



36 days after PRE (6/15)  
PRE: 48 fl oz Warrant + 8 fl oz Mauler

C. Ragweed = 84%  
Velvetleaf = 78%



36 days after PRE (6/15)

PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax

C. Ragweed = 99%

Velvetleaf = 92%



36 days after PRE (6/15)  
PRE: 48 fl oz Warrant

C. Ragweed = 75%  
Velvetleaf = 61%



36 days after PRE (6/15)  
PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

C. Ragweed = 98%  
Velvetleaf = 90%





36 days after PRE (6/15)  
PRE: 50 fl oz Warrant Ultra

C. Ragweed = 81%  
Velvetleaf = 63%



36 days after PRE (6/15)  
PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 86%



36 days after PRE (6/15)  
PRE: 6 fl oz Fierce EZ

C. Ragweed = 90%  
Velvetleaf = 97%



36 days after PRE (6/15)  
PRE: 6 fl oz Fierce EZ + 22 fl oz XtendiMax

C. Ragweed = 98%  
Velvetleaf = 93%



36 days after PRE (6/15)  
PRE: 2 fl oz Valor EZ

C. Ragweed = 88%  
Velvetleaf = 98%



36 days after PRE (6/15)  
PRE: 2 fl oz Valor EZ + 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 99%



36 days after PRE (6/15)  
PRE: 10 oz Authority MTZ

C. Ragweed = 85%  
Velvetleaf = 74%



36 days after PRE (6/15)

PRE: 10 oz Authority MTZ + 22 fl oz XtendiMax

C. Ragweed = 98%

Velvetleaf = 88%





36 days after PRE (6/15)  
PRE: 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 91%

