

# Tavium plus VaporGrip® Efficacy in Xtend Soybean Brooklyn, WI 2019

## Trial Information

Trial Sponsor: Syngenta

Objective: Compare Syngenta PRE herbicide programs followed by Tavium to similar competitor programs

Crop: Soybean

Variety: NK S20-J5X

Weed species (pressure): Glyphosate-resistant waterhemp (very high)

Herbicide Application(s): PRE – 6/4

POST – 7/1 (V2 soybean)

For the full report see the [2019 Wisconsin Weed Science Research Report](#)



Cropping Systems Weed Science  
UNIVERSITY OF WISCONSIN-MADISON

The Syngenta logo, consisting of the word 'syngenta' in a bold, blue, lowercase sans-serif font. A single green leaf is positioned above the letter 'y'.

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Herbicide Treatment*	APP Timing	Waterhemp Control %			
		7/1	7/18	7/30	10/17
1.8 pt Boundary 56.5 fl oz Tavium + 28.4 fl oz Roundup PowerMAX	PRE POST	88	89	89	87
25 fl oz BroadAxe XC 56.5 fl oz Tavium + 28.4 fl oz Roundup PowerMAX	PRE POST	89	90	89	87
2 pt Prefix 56.5 fl oz Tavium + 28.4 fl oz Roundup PowerMAX	PRE POST	86	92	92	87
2 oz Valor SX 22 fl oz XtendiMax + 28.4 fl oz Roundup PowerMAX	PRE POST	70	82	80	69
4.5 fl oz Zidua PRO 12.8 fl oz Engenia + 28.4 fl oz Roundup PowerMAX	PRE POST	81	85	85	75

\*All POST treatments included 0.5% v/v Intact + 1% v/v Class Act Ridion

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Plot pictures taken on 7/1  
27 days after the PRE application  
The day of the POST application

The number in the upper right-hand corner is the  
average % waterhemp control of 4 replications



27 days after PRE (7/1)

0%

Untreated Check





27 days after PRE (7/1)  
PRE: 1.8 pt Boundary

88%





27 days after PRE (7/1)  
PRE: 25 fl oz BroadAxe XC

89%





27 days after PRE (7/1)

PRE: 2 pt Prefix

86%





27 days after PRE (7/1)

PRE: 2 oz Valor SX

70%





27 days after PRE (7/1)  
PRE: 4.5 fl oz Zidua PRO

81%





# Tavium plus VaporGrip<sup>®</sup> Efficacy in Xtend Soybean Brooklyn, WI 2019

Plot pictures taken on 10/17  
The day of soybean harvest

The number in the upper right-hand corner is the  
average % waterhemp control of 4 replications



End-of-Season (10/17)

Untreated Check

0%





End-of-Season (10/17)

PRE: 1.8 pt Boundary *fb*

POST: 56.5 fl oz Tavium + 28.4 fl oz Roundup PM

87%





**End-of-Season (10/17)**

**PRE: 25 fl oz BroadAxe XC *fb***

**87%**

**POST: 56.5 fl oz Tavium + 28.4 fl oz Roundup PM**





End-of-Season (10/17)

PRE: 2 pt Prefix *fb*

POST: 56.5 fl oz Tavium + 28.4 fl oz Roundup PM

87%





End-of-Season (10/17)

PRE: 2 oz Valor SX fb

POST: 22 fl oz XtendiMax + 28.4 fl oz Roundup PM

69%





End-of-Season (10/17)

PRE: 4.5 fl oz Zidua PRO *fb*

75%

POST: 12.8 fl oz Engenia + 28.4 fl oz Roundup PM

