

# Liberty/Enlist One/Enlist Duo Efficacy in Enlist Soy Brooklyn, WI 2019

## Trial Information

Trial Sponsor: BASF

Objective: Evaluate the value of Liberty in the Enlist soybean weed control system

Crop: Soybean

Variety: Enlist herbicide trait

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

Herbicide Application(s): PRE – 6/4

EPOST – 7/1 (V2 soybean)

LPOST – 7/18 (R1 soybean)

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



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

The BASF logo, consisting of a white square with a smaller white square inside, followed by the letters 'BASF' in a bold, white, sans-serif font.

We create chemistry

# Liberty/Enlist One/Enlist Duo Efficacy in Enlist Soy Brooklyn, WI 2019

| Herbicide Treatment*   | APP<br>Timing         | Waterhemp Control % |      |       |
|--|-----------------------|---------------------|------|-------|
|  |                       | 7/9                 | 7/18 | 10/17 |
| 5 fl oz Verdict<br>56 fl oz Enlist Duo   | PRE<br>EPOST          | 87                  | 88   | 43    |
| 5 fl oz Verdict<br>32 fl oz Liberty + 32 fl oz Roundup PowerMAX                        | PRE<br>EPOST          | 98                  | 76   | 25    |
| 5 fl oz Verdict<br>24 fl oz Enlist One + 32 fl oz Liberty                              | PRE<br>EPOST          | 98                  | 95   | 70    |
| 5 fl oz Verdict<br>24 fl oz Enlist One + 32 fl oz Liberty + 32 fl oz Roundup PM        | PRE<br>EPOST          | 96                  | 95   | 53    |
| 5 fl oz Verdict<br>32 fl oz Liberty + 32 fl oz Roundup PowerMAX<br>56 fl oz Enlist Duo | PRE<br>EPOST<br>LPOST | 96                  | 73   | 95    |
| 5 fl oz Verdict<br>56 fl oz Enlist Duo<br>32 fl oz Liberty + 32 fl oz Roundup PowerMAX | PRE<br>EPOST<br>LPOST | 87                  | 86   | 91    |

\*All POST treatments with Liberty included 3 lb/acre dry AMS



27 days after PRE (7/1)

Untreated Check





27 days after PRE (7/1)

PRE: 5 fl oz Verdict





27 days after PRE (7/1)

Untreated Check



5 fl oz Verdict





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

Plot pictures taken on 10/17  
End-of-Season

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: 5 fl oz Verdict *fb*

EPOST: 56 fl oz Enlist Duo

43%





End-of-Season (10/17)

PRE: 5 fl oz Verdict *fb*

25%

EPOST: 32 fl oz Liberty + 32 fl oz Roundup PowerMAX





End-of-Season (10/17)

PRE: 5 fl oz Verdict *fb*

EPOST: 24 fl oz Enlist One + 32 fl oz Liberty

70%





End-of-Season (10/17)

PRE: 5 fl oz Verdict *fb*

53%

EPOST: 24 fl oz Enlist One + 32 fl oz Liberty + 32 fl oz Roundup PM





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

**PRE: 5 fl oz Verdict *fb***

**EPOST: 32 fl oz Liberty + 32 fl oz Roundup PowerMAX *fb***

**LPOST: 56 fl oz Enlist Duo**

**95%**





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

**PRE: 5 fl oz Verdict *fb***

**EPOST: 56 fl oz Enlist Duo *fb***

**LPOST: 32 fl oz Liberty + 32 fl oz Roundup PowerMAX**

**91%**





End-of-Season (10/17)

Untreated Check

0%

PRE: 5 fl oz Verdict *fb*  
EPOST: 56 fl oz Enlist Duo

43%

PRE: 5 fl oz Verdict *fb*  
EPOST: 56 fl oz Enlist Duo *fb*  
LPOST: 32 fl oz Liberty+32 fl oz Roundup PM

91%



End-of-Season (10/17)

Untreated Check

0%

PRE: 5 fl oz Verdict *fb*  
EPOST: 32 fl oz Liberty+32 fl oz Roundup PM

25%

PRE: 5 fl oz Verdict *fb*  
EPOST: 32 fl oz Liberty+32 fl oz Roundup PM  
LPOST: 56 fl oz Enlist Duo

95%