

Herbicide Programs for Conventional Corn Brooklyn, WI 2025

Trial Information

Trial Sponsor: BASF, Bayer, Corteva, Syngenta, Wisconsin Cropping Systems Weed Science

Objective: Evaluate various corn herbicide programs for season long weed control in conventional corn

Crop: Corn

Hybrid: O'Brien Hybrids OB1105

Weed species (pressure): waterhemp (moderate)
velvetleaf (moderate)

Herbicide Application(s): PRE – 5/27
EPOST – 6/10 (V2 corn)
POST – 6/26 (V6 corn)

For the full report see trial #25-BRO-CN22 in the [2025 Wisconsin Weed Science Research Report](#)



Cropping Systems Weed Science
UNIVERSITY OF WISCONSIN-MADISON



BRIEN HYBRIDS

Herbicide Programs for Conventional Corn (Brooklyn, WI 2025)

Trt #	Herbicide (rate acre ⁻¹)	Waterhemp %				Velvetleaf %			Yield ^b bu acre ⁻¹
		6/19	6/26	7/7	7/25	6/26	7/7	7/25	
1	Untreated Check	0	0	0	0	0	0	0	147 b
One-Pass – PRE (5/27)									
2	Storen (2.4 qt) + Princep (1 qt)	99	98	100	95	100	100	100	171 a
One-Pass – EPOST (6/10)									
3	Harness MAX (2 qt) + Status (5 oz) + Accent Q (0.9 oz) + NIS (0.25%) + AMS (2 lb)	99	100	100	98	100	100	100	164 a
4	Resicore REV (2.25 qt) + Status (5 oz) + Accent Q (0.9 oz) + NIS (0.25%) + AMS (2 lb)	99	100	100	97	100	100	100	169 a
Two-Pass – PRE (5/27) fb POST (6/26)									
5	Harness Max (2 qt) <i>fb</i> Diflexx Duo (28 oz) + COC (1% v/v) + AMS (2 lb)	99	99	100	99	99	100	100	166 a
6	TriVolt (20 oz) <i>fb</i> Laudis (3 oz) + DiFlexx (8 oz) + Destiny HC (0.5% v/v) + AMS (2 lb)	98	89	98	99	100	99	100	170 a
7	Verdict (10 oz) + Callisto (3 oz) <i>fb</i> Armezon (1 oz) + Status (5 oz) + MSO (1% v/v) + AMS (2 lb)	98	88	98	99	100	100	100	163 a
8	Surtain (14 fl oz) + Callisto (3 oz) <i>fb</i> Armezon PRO (16 oz) + COC (1% v/v) + AMS (2 lb)	97	93	96	90	100	100	100	169 a
9	Surpass NXT (2 pt) <i>fb</i> Kyro (45 oz) + Accent Q (0.9 oz) + COC (1% v/v) + AMS (2 lb)	98	91	98	93	59	98	100	172 a
10	Storen (1.6 qt) + Princep 4L (1 qt) <i>fb</i> Callisto (3 oz) + Accent Q (0.9 oz) + NIS (0.25% v/v) + AMS (2 lb)	97	94	95	95	100	100	100	179 a
11	Maverick (24 oz) <i>fb</i> Accent Q (0.9 oz) + Status (5 oz) + COC (1% v/v) + AMS (2 lb)	98	91	97	99	100	100	100	169 a
12	Dual II Magnum (1.67 pt) + Princep 4L (1 qt) <i>fb</i> Callisto (3 oz) + Moxy 2E (1 pt) + COC (1% v/v) + AMS (2 lb)	97	77	96	98	64	99	100	168 a
LSD ($\alpha=0.10$)		1	5	3	ns	10	1	ns	10
p value		0.088	<.001	0.081	0.127	<.001	0.001	0.465	0.003

^aVisual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

^bYield values with the same letter are not significantly different.

Herbicide Programs for Conventional Corn Brooklyn, WI 2025

Plot pictures taken on 6/19

23 days after the PRE application
9 days after the EPOST application

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

23 days after PRE (6/19)
Untreated Check

0%



23 days after PRE (6/19)
PRE: 2.4 qt Storen + 1 qt Princep

99%



9 days after EPOST (6/19)

EPOST: 2 qt Harness MAX + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

99%



9 days after EPOST (6/19)

EPOST: 2.25 qt Resicore REV + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

99%



23 days after PRE (6/19)
PRE: 2 qt Harness MAX

99%



23 days after PRE (6/19)

PRE: 20 oz TriVolt SC

98%



23 days after PRE (6/19)
PRE: 10 oz Verdict + 3 oz Callisto

98%



23 days after PRE (6/19)
PRE: 14 oz Surtain + 3 oz Callisto

97%



23 days after PRE (6/19)
PRE: 2 pt Surpass NXT

98%



23 days after PRE (6/19)
PRE: 1.6 qt Storen + 1 qt Princep

97%



23 days after PRE (6/19)
PRE: 24 oz Maverick

98%



23 days after PRE (6/19)

PRE: 1.67 pt Dual II Magnum + 1 qt Princep

97%



Herbicide Programs for Conventional Corn Brooklyn, WI 2025

Plot pictures taken on 6/26

30 days after the PRE application

16 days after the EPOST application

The day of the POST application

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

30 days after PRE (6/26)
Untreated Check

0%



30 days after PRE (6/26)

PRE: 2.4 qt Storen + 1 qt Princep

98%



16 days after EPOST (6/26)

EPOST: 2 qt Harness MAX + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

100%



16 days after EPOST (6/26)

EPOST: 2.25 qt Resicore REV + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

100%



30 days after PRE (6/26)
PRE: 2 qt Harness MAX

99%



30 days after PRE (6/26)
PRE: 20 oz TriVolt SC

89%



30 days after PRE (6/26)

PRE: 10 oz Verdict + 3 oz Callisto

88%



30 days after PRE (6/26)

PRE: 14 oz Surtain + 3 oz Callisto

93%



30 days after PRE (6/26)
PRE: 2 pt Surpass NXT

91%



30 days after PRE (6/26)

PRE: 1.6 qt Storen + 1 qt Princep

94%



30 days after PRE (6/26)
PRE: 24 oz Maverick

91%



30 days after PRE (6/26)

PRE: 1.67 pt Dual II Magnum + 1 qt Princep

77%



Herbicide Programs for Conventional Corn Brooklyn, WI 2025

Plot pictures taken on 7/7

41 days after the PRE application

27 days after the EPOST application

11 days after the POST application

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

41 days after PRE (7/7)
Untreated Check

0%



41 days after PRE (7/7)
PRE: 2.4 qt Storen + 1 qt Princep

100%



27 days after EPOST (7/7)

EPOST: 2 qt Harness MAX + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

100%



27 days after EPOST (7/7)

EPOST: 2.25 qt Resicore REV + 5 oz Status + 0.9 oz Accent Q + NIS + AMS

100%



11 days after POST (7/7)

PRE: 2 qt Harness MAX *fb*

POST: 28 oz DiFlexx Duo + COC + AMS

100%



11 days after POST (7/7)

PRE: 20 oz TriVolt SC fb

POST: 3 oz Laudis + 8 oz DiFlexx + Destiny HC + AMS

98%



11 days after POST (7/7)

PRE: 10 oz Verdict + 3 oz Callistov *fb*

98%

POST: 1 oz Armezon + 5 oz Status + MSO + AMS



11 days after POST (7/7)

PRE: 14 oz Surtain + 3 oz Callisto *fb*

POST: 16 oz Armezon PRO + COC + AMS

96%



11 days after POST (7/7)

PRE: 2 pt Surpass NXT *fb*

POST: 45 oz Kyro + 0.9 oz Accent Q + COC + AMS

98%



11 days after POST (7/7)

PRE: 1.6 qt Storen + 1 qt Princep *fb*

95%

POST: 3 oz Callisto + 0.9 oz Accent Q + NIS + AMS



11 days after POST (7/7)

PRE: 24 oz Maverick *fb*

POST: 0.9 oz Accent Q + 5 oz Status + COC + AMS

97%



11 days after POST (7/7)

PRE: 1.67 pt Dual II Magnum + 1 qt Princep *fb*

96%

POST: 3 oz Callisto + 1 pt Moxy 2E + COC + AMS

