## Evaluation of Corn PRE-Emergence Herbicides Lancaster, WI 2022

#### **Trial Information**

Trial Sponsor(s): Wisconsin Weed Science

Objective: Evaluate residual control of troublesome weeds

with single and multiple SOA herbicide products

commonly used in corn production

Crop: Corn

Hybrid: P9998Q-N802

Weed species (pressure): waterhemp

common lambsquarters

giant foxtail

Herbicide Application(s): PRE - 5/13

For the full report see trial #22-LAN-CN11 in the 2022 Wisconsin Weed Science Research Report



### Cropping Systems Weed Science

UNIVERSITY OF WISCONSIN-MADISON

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		Waterhemp		Lambsquarters	
Trt #	Herbicide (rate acre <sup>-1</sup> )	21 DAT	41 DAT	21 DAT	41 DAT
1	Untreated Check	0	0	0	0
One-Pass PRE					
2	Diflexx (16 fl oz)	69	65	79	81
3	AAtrex (2 pt)	68	68	97	100
4	Princep 4FL (2 qt)	69	63	89	91
5	Harness (2 pt)	90	95	80	78
6	Dual II Magnum (1.67 pt)	76	81	70	58
7	Balance Flexx (4.5 fl oz)	73	68	80	75
8	Callisto (5 fl oz)	78	83	92	95
9	Harness Max (2 qt)	97	97	98	99
10	Corvus (5.6 fl oz)	78	78	92	95
11	Bicep Lite II Magnum (1.75 qt)	87	83	100	100
12	Harness Xtra (2 qt)	99	99	100	100
13	Verdict (15 fl oz)	84	81	83	78
14	Hornet WDG (4 oz)	64	56	78	87
15	Acuron Flexi (2 qt)	83	86	99	100
16	Acuron (2.5 qt)	81	83	100	98
17	Surestart II (2.5 pt)	95	89	93	94
18	Resicore (2.5 qt)	95	95	96	98
19	Maverick (1 qt)	91	96	98	98
	LSD (α=0.10) p value	9 <0.001	9 <0.001	8 <0.001	10 <0.001

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

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Plot pictures taken on 6/3
21 days after the PRE application

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







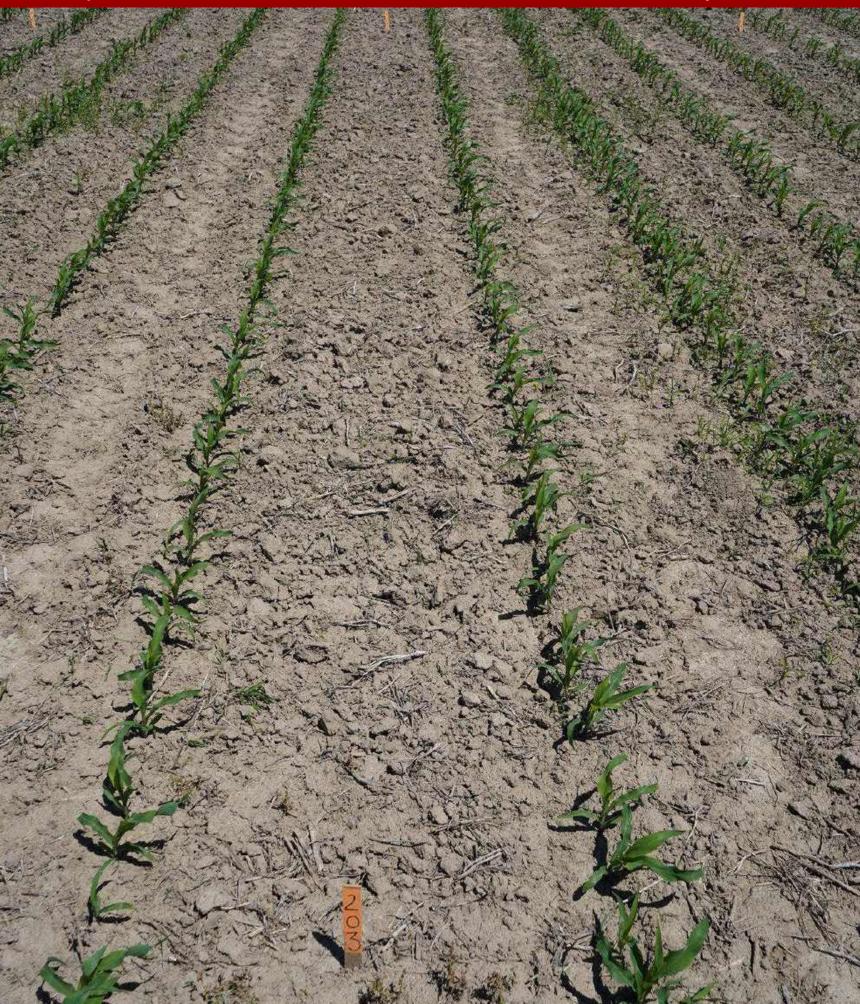
































# **Evaluation of Corn PRE-Emergence Herbicides Lancaster, WI 2022**

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

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















Waterhemp = 83% Lambsquarters = 95%























