Trial Information	
Trial Sponsors:	AMVAC, Bayer, Syngenta
Objective:	Evaluate various corn herbicide programs for season long giant ragweed control.
Crop:	Corn
Hybrid:	Wyfels W4358
Weed species (pressure):	Giant ragweed (high-very high)
Herbicide Application(s):	PRE – 5/15
	Early POST – 6/3 (V2 corn)
	POST – 6/13 (V4 corn)

For the full report see the 2019 Wisconsin Weed Science Research Report



Cropping Systems Weed Science UNIVERSITY OF WISCONSIN-MADISON







Wisconsin Cropping Systems Weed Science

	APP	Giant Ragweed Control %		
Herbicide Treatment*	Timing	6/3	6/20	7/2
3 qt Acuron	PRE	89	83	68
1.5 qt Acuron 3.6 pt Halex GT + 1 pt Aatrex	PRE POST	70	92	88
1.75 qt Acuron 20 fl oz Callisto Xtra + 32 fl oz Roundup PowerMAX	PRE POST	65	91	83
4 pt Halex GT + 1 pt Aatrex	EPOST	0	84	75
4.5 fl oz Corvus + 46 fl oz Aatrex 32 fl oz Roundup PowerMAX	PRE POST	81	92	83
3 fl oz Capreno + 32 fl oz Roundup PM + 2 qt Warrant	EPOST	0	83	68
3.2 pt Harness XTRA 5.6L 10.7 fl oz ImpactZ	PRE POST	66	87	86
1.75 pt Harness + 1 fl oz Impact + 1 pt Aatrex	EPOST	0	81	71

*All POST treatments included appropriate adjuvants

Plot pictures taken on 6/3 19 days after the PRE application The day of the Early POST application

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

19 days after PRE (6/3) Untreated Check



19 days after PRE (6/3) PRE: 3 qt Acuron





19 days after PRE (6/3) PRE: 1.5 qt Acuron



Wisconsin Cropping Systems Weed Science

 $\ensuremath{\mathbb{C}}\xspace$ Dr. Rodrigo Werle, University of Wisconsin-Madison





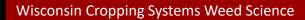
Wisconsin Cropping Systems Weed Science

19 days after PRE (6/3) PRE: 4.5 fl oz Corvus + 46 fl oz Aatrex



19 days after PRE (6/3) PRE: 3.2 pt Harness XTRA 5.6L





©Dr. Rodrigo Werle, University of Wisconsin-Madison

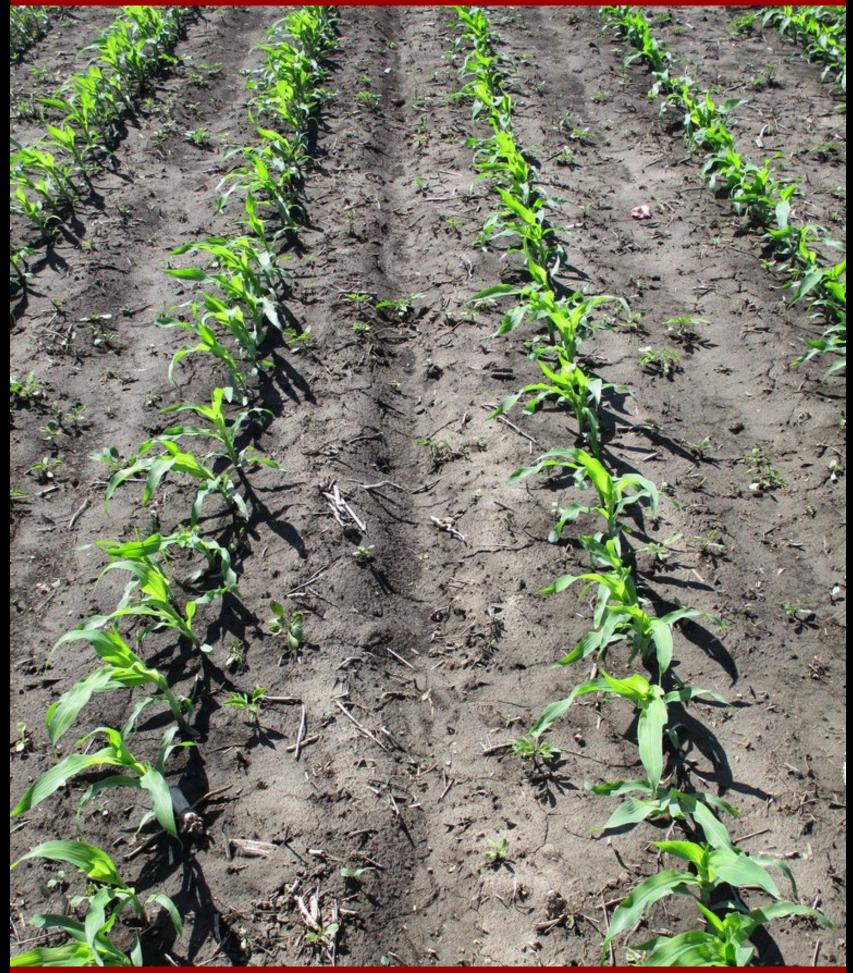
<u>Plot pictures taken on 6/13</u> 29 days after the PRE application 10 days after Early POST application The day of the POST application

29 days after PRE (6/13) Untreated Check



Wisconsin Cropping Systems Weed Science

29 days after PRE (6/13) PRE: 3 qt Acuron



Wisconsin Cropping Systems Weed Science

29 days after PRE (6/13) PRE: 1.5 qt Acuron



Wisconsin Cropping Systems Weed Science

29 days after PRE (6/13) PRE: 1.75 qt Acuron



Wisconsin Cropping Systems Weed Science

10 days after EPOST (6/13) EPOST: 4 pt Halex GT + 1 pt Aatrex



29 days after PRE (6/13) PRE: 4.5 fl oz Corvus + 46 fl oz Aatrex



10 days after EPOST (6/13) EPOST: 3 fl oz Capreno + 32 fl oz Roundup PowerMAX + 2 qt Warrant



29 days after PRE (6/13) PRE: 3.2 pt Harness XTRA 5.6L



Wisconsin Cropping Systems Weed Science

10 days after EPOST (6/13) EPOST: 1.75 pt Harness + 1 fl oz Impact + 1 pt Aatrex



<u>Plot pictures taken on 6/20</u> 36 days after the PRE application 17 days after Early POST application 7 days after the POST application

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

36 days after PRE (6/20) Untreated Check



Wisconsin Cropping Systems Weed Science

36 days after PRE (6/20) 3 qt Acuron





Wisconsin Cropping Systems Weed Science

 $\ensuremath{\mathbb{C}}\xspace$ Dr. Rodrigo Werle, University of Wisconsin-Madison

7 days after POST (6/20) PRE: 1.5 qt Acuron *fb* POST: 3.6 pt Halex GT + 1 pt Aatrex



Wisconsin Cropping Systems Weed Science



17 days after EPOST (6/20) EPOST: 4 pt Halex GT + 1 pt Aatrex



Wisconsin Cropping Systems Weed Science

7 days after POST (6/20) PRE: 4.5 fl oz Corvus + 46 fl oz Aatrex *fb* POST: 32 fl oz Roundup PM



Wisconsin Cropping Systems Weed Science

©Dr. Rodrigo Werle, University of Wisconsin-Madison

17 days after EPOST (6/20) EPOST: 3 fl oz Capreno + 32 fl oz Roundup PowerMAX + 2 qt Warrant



Wisconsin Cropping Systems Weed Science

7 days after POST (6/20) PRE: 3.2 pt Harness XTRA 5.6L *fb* POST: 10.7 fl oz ImpactZ



Wisconsin Cropping Systems Weed Science

17 days after EPOST (6/20) EPOST: 1.75 pt Harness + 1 fl oz Impact + 1 pt Aatrex

