

# Bayer Integrated Corn Herbicide Programs

## Janesville, WI 2019

### Trial Information

Trial Sponsor: Bayer

Objective: Gain exposure to Bayer corn herbicide product offerings and potential integrated weed control systems

Crop: Corn

Hybrid: Dekalb DKC 54-38 RIB

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)

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



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



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Herbicide Treatment*	APP Timing	Giant Ragweed Control %		
		6/3	6/13	6/26
2.4 qt Harness XTRA 5.6L	PRE	85	69	14
2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx	PRE	93	85	61
2 qt Harness XTRA 5.6L + 3.3 fl oz Corvus	PRE	91	87	60
4.5 fl oz Corvus + 2 pt Atrazine 4L	PRE	89	87	65
1.6 qt Harness XTRA 5.6L + 4.5 fl oz Corvus	PRE	94	94	77
2 qt Harness Max + 2 pt Atrazine 4L	PRE	94	86	57
2.5 qt Acuron	PRE	91	90	79
2.5 qt Resicore + 2 pt Atrazine 4L	PRE	98	96	87
2 qt Harness Max + 2 pt Atrazine 4L 8 fl oz DiFlexx	PRE POST	93	91	95
2 qt Harness Max + 2 pt Atrazine 4L 24 fl oz DiFlexx DUO	PRE POST	99	92	96
2 qt Harness Max + 2 pt Atrazine 4L 3 fl oz Capreno	PRE POST	97	92	95
3.3 fl oz Corvus + 2 pt Atrazine 4L 1.75 qt Harness Max	PRE POST	90	95	92
2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx 8 fl oz DiFlexx	PRE POST	96	88	96
2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx 3 fl oz Capreno	PRE POST	84	78	90
1.25 qt Harness Max	EPOST	0	88	80
3 qt Degree XTRA + 3 fl oz Capreno	EPOST	0	92	88
3.6 pt Halex GT + 2 pt Atrazine 4L	EPOST	0	95	87

\*All POST treatments included appropriate adjuvants

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## Janesville, WI 2019

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)**

**Non-treated**

**0%**



**19 days after PRE (6/3)**  
**PRE: 2.4 qt Harness XTRA 5.6L**

**85%**



**19 days after PRE (6/3)**

**PRE: 2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx**

**91%**



**19 days after PRE (6/3)**

**PRE: 2 qt Harness XTRA 5.6L + 3.3 fl oz Corvus**

**91%**



**19 days after PRE (6/3)**

**PRE: 4.5 fl oz Corvus + 2 pt Atrazine 4L**

**89%**



**19 days after PRE (6/3)**

**PRE: 1.6 qt Harness XTRA 5.6L + 4.5 fl oz Corvus**

**94%**



**19 days after PRE (6/3)**

**PRE: 2 qt Harness Max + 2 pt Atrazine 4L**

**96%**



19 days after PRE (6/3)

PRE: 2.5 qt Acuron

91%



**19 days after PRE (6/3)**

**PRE: 2.5 qt Resicore + 2 pt Atrazine 4L**

**98%**



**19 days after PRE (6/3)**

**PRE: 3.3 fl oz Corvus + 2 pt Atrazine 4L**

**90%**



# Bayer Integrated Corn Herbicide Programs

## Janesville, WI 2019

Plot pictures taken on 6/13

29 days after the PRE application

10 days after Early POST application

The day of the POST application

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

**29 days after PRE (6/13)**

**Non-treated**

**0%**



**29 days after PRE (6/13)**  
**PRE: 2.4 qt Harness XTRA 5.6L**

**69%**



**29 days after PRE (6/13)**

**PRE: 2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx**

**84%**



**29 days after PRE (6/13)**

**PRE: 2 qt Harness XTRA 5.6L + 3.3 fl oz Corvus**

**87%**



**29 days after PRE (6/13)**

**PRE: 4.5 fl oz Corvus + 2 pt Atrazine 4L**

**87%**



29 days after PRE (6/13)

PRE: 1.6 qt Harness XTRA 5.6L + 4.5 fl oz Corvus

94%



29 days after PRE (6/13)

PRE: 2 qt Harness Max + 2 pt Atrazine 4L

90%



29 days after PRE (6/13)

PRE: 2.5 qt Acuron

90%



29 days after PRE (6/13)

PRE: 2.5 qt Resicore + 2 pt Atrazine 4L

96%



29 days after PRE (6/13)

PRE: 3.3 fl oz Corvus + 2 pt Atrazine 4L

95%



**10 days after EPOST (6/13)**  
**EPOST: 1.25 qt Harness Max**

**88%**



**10 days after EPOST (6/13)**

**EPOST: 3 qt Degree XTRA + 3 fl oz Capreno**

**92%**



10 days after EPOST (6/13)

EPOST: 3.6 pt Halex GT + 2 pt Atrazine 4L

95%



# Bayer Integrated Corn Herbicide Programs

## Janesville, WI 2019

Plot pictures taken on 6/26

42 days after the PRE application  
23 days after Early POST application  
13 days after the POST application

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

Giant ragweed pressure was variable among replications so the picture shown may not be entirely representative of the average control % of all replications

**42 days after PRE (6/26)**

**Non-treated**

**0%**



**42 days after PRE (6/26)**  
**PRE: 2.4 qt Harness XTRA 5.6L**

**14%**



**42 days after PRE (6/26)**

**PRE: 2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx**

**61%**



42 days after PRE (6/26)

PRE: 2 qt Harness XTRA 5.6L + 3.3 fl oz Corvus

60%



42 days after PRE (6/26)

PRE: 4.5 fl oz Corvus + 2 pt Atrazine 4L

65%



42 days after PRE (6/26)

PRE: 1.6 qt Harness XTRA 5.6L + 4.5 fl oz Corvus

77%



42 days after PRE (6/26)

PRE: 2 qt Harness Max + 2 pt Atrazine 4L

57%



42 days after PRE (6/26)

PRE: 2.5 qt Acuron

79%



42 days after PRE (6/26)

PRE: 2.5 qt Resicore + 2 pt Atrazine 4L

87%



13 days after POST (6/26)

PRE: 2 qt Harness Max + 2 pt Atrazine 4L *fb* POST: 8 fl oz DiFlexx

95%



**13 days after POST (6/26)**

**PRE: 2 qt Harness Max + 2 pt Atrazine 4L *fb* POST: 24 fl oz DiFlexx DUO**

**96%**



13 days after POST (6/26)

PRE: 2 qt Harness Max + 2 pt Atrazine 4L *fb* POST: 3 fl oz Capreno

95%



13 days after POST (6/26)

PRE: 3.3 fl oz Corvus + 2 pt Atrazine 4L fb POST: 1.75 qt Harness Max

92%



**13 days after POST (6/26)**

**PRE: 2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx fb POST: 8 fl oz Diflexx**

**96%**



13 days after POST (6/26)

PRE: 2 qt Harness XTRA 5.6L + 3 fl oz Balance Flexx *fb* POST: 3 fl oz Capreno

90%



**23 days after EPOST (6/26)**  
**EPOST: 1.25 qt Harness Max**

**80%**



**23 days after EPOST (6/26)**

**EPOST: 3 qt Degree XTRA + 3 fl oz Capreno**

**88%**



23 days after EPOST (6/26)

EPOST: 3.6 pt Halex GT + 2 pt Atrazine 4L

87%

