

Maverick PRE Weed Control Comparisons (Janesville, WI 2023)

Trial Information

Trial Sponsor(s): Valent

Objective: Evaluate the residual weed control of Maverick corn herbicide compared to other competitor corn herbicides

Crop: Corn

Variety: DKC50-87 RIB

Weed species (pressure): giant ragweed (high)

Herbicide Application(s): PRE – 5/4
POST – 6/6 (V4 corn)

For the full report see trial #23-ROK-CN04 in the [2023 Wisconsin Weed Science Research Report](#)



Cropping Systems Weed Science
UNIVERSITY OF WISCONSIN-MADISON



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Trt #	Herbicide (rate acre ⁻¹)	Giant Ragweed (%)			Yield ^b bu acre ⁻¹
		5/31	6/27	10/17	
1	Check Untreated	0	0	0	38 -
Two-Pass – PRE (5/4) fb POST^c (6/6)		POST			
2	Acuron (3 qt)	93	95	99	214 a
3	Bicep Lite II Magnum (2 qt)	58	97	99	188 b
4	Resicore XL (2.75 qt)	89	97	99	202 ab
5	Maverick (24 fl oz)	86	93	98	201 ab
6	Maverick (32 fl oz)	86	95	97	197 ab
7	Maverick (34 fl oz) + atrazine 4L (1.5 pt)	88	94	98	203 ab
8	Trivolt SC (20 fl oz)	83	99	99	194 b
LSD ($\alpha=0.10$)		13	ns	ns	12
p value		0.003	0.563	0.830	0.039

^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. Did not include check in the analysis.

^cPOST Application = Roundup PowerMAX 3 (22 fl oz) + Status (5 oz) + NIS (0.25% v/v) + AMS (3 lb)

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Plot pictures taken on 5/31
27 days after the PRE application

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

27 days after PRE (5/31)
Untreated Check

0%



27 days after PRE (5/31)
PRE: 3 qt Acuron

93%



27 days after PRE (5/31)
PRE: 2 qt Bicep Lite II Magnum

58%



27 days after PRE (5/31)
PRE: 2.75 qt Resicore XL

89%



27 days after PRE (5/31)
PRE: 24 fl oz Maverick

86%



27 days after PRE (5/31)
PRE: 32 fl oz Maverick

86%



27 days after PRE (5/31)
PRE: 32 fl oz Maverick + 1.5 pt atrazine 4L

88%



27 days after PRE (5/31)
PRE: 20 fl oz Trivolt SC

83%



Maverick PRE Weed Control Comparisons (Janesville, WI 2023)

Plot pictures taken on 6/27

54 days after the PRE application

21 days after the POST application

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

54 days after PRE (6/27)
Untreated Check

0%



21 days after POST (6/27)

PRE: 3 qt Acuron *fb*

95%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



21 days after POST (6/27)

PRE: 2 qt Bicep Lite II Magnum *fb*

97%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



21 days after POST (6/27)

PRE: 2.75 qt Resicore XL *fb*

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS

97%



21 days after POST (6/27)

PRE: 24 fl oz Maverick *fb*

93%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



21 days after POST (6/27)

PRE: 32 fl oz Maverick *fb*

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS

95%



21 days after POST (6/27)

PRE: 32 fl oz Maverick + 1.5 pt atrazine 4L *fb*

94%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



21 days after POST (6/27)

PRE: 20 fl oz Trivolt SC fb

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS

99%



Maverick PRE Weed Control Comparisons (Janesville, WI 2023)

Plot pictures taken on 10/17
The day of corn harvest

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



@Harvest (10/17)

PRE: 3 qt Acuron *fb*

99%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 2 qt Bicep Lite II Magnum *fb*

99%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 2.75 qt Resicore XL *fb*

99%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 24 fl oz Maverick *fb*

98%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 32 fl oz Maverick *fb*

97%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 32 fl oz Maverick + 1.5 pt atrazine 4L *fb*

98%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS



@Harvest (10/17)

PRE: 20 fl oz Trivolt SC fb

99%

POST: 22 fl oz Roundup PowerMAX 3 + 5 oz Status + NIS + AMS

