

Anthem Maxx Corn Herbicide Programs

Janesville, WI 2020

Trial Information

Trial Sponsors: FMC

Objective: Compare Anthem Maxx corn herbicide programs in 1- and 2-pass systems to competitors

Crop: Corn

Hybrid: NK9535-3220-EZ1

Weed species (pressure): Giant ragweed (heavy-very heavy)

Herbicide Application(s): PRE – 5/4

Early POST – 5/29 (V2 corn)

POST – 6/5 (V4 corn)

For the full report see trial #20-ROK-CN06 in the [2020 Wisconsin Weed Science Research Report](#)



Cropping Systems Weed Science
UNIVERSITY OF WISCONSIN-MADISON



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Herbicide Treatment*	APP Timing	Giant Ragweed Control %			Yield bu/acre
		5/26	6/15	10/21	
4 fl oz Anthem Maxx + 6 fl oz Callisto + 3 pt AAtrex	PRE	75	81	46	168
5.6 fl oz Corvus + 3 pt AAtrex	PRE	81	79	45	157
3 qt Acuron	PRE	79	93	80	241
2.5 qt Resicore + 3 pt AAtrex	PRE	92	87	78	232
16 fl oz Verdict + 3 pt AAtrex	PRE	86	59	48	144
4 fl oz Anthem Maxx + 3 fl oz Callisto + 3 pt AAtrex + 22 fl oz Roundup PowerMAX II	EPOST	0	88	81	242
3.6 pt Halex GT + 2 pt AAtrex	EPOST	0	77	44	199
2 qt Acuron Flexi + 22 fl oz Roundup PowerMAX II	EPOST	0	81	81	247
4 fl oz Anthem Maxx + 2 pt AAtrex <i>fb</i> 3 fl oz Callisto + 1 pt AAtrex + 22 fl oz Roundup PM	PRE POST	45	97	86	248
Untreated Check	-	0	0	0	30
	LSD (0.10)	11	12	19	36
	p-value	<0.01	<0.01	<0.01	<0.01

*All POST treatments included appropriate adjuvants

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Plot pictures taken on 5/26
22 days after the PRE application

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

22 days after PRE (5/26)

0%

Untreated Check



22 days after PRE (5/26)

PRE: 4 fl oz Anthem Maxx + 6 fl oz Callisto + 3 pt AAtrex

75%



22 days after PRE (5/26)
PRE: 5.6 fl oz Corvus + 3 pt AAtrex

81%



22 days after PRE (5/26)
PRE: 3 qt Acuron

79%



22 days after PRE (5/26)
PRE: 2.5 qt Resicore + 3 pt AAtrex

92%



22 days after PRE (5/26)
PRE: 16 fl oz Verdict + 3 pt AAtrex

86%



22 days after PRE (5/26)

PRE: 4 fl oz Anthem Maxx + 2 pt AAtrex

45%



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Plot pictures taken on 6/3
30 days after the PRE application
5 days after Early POST application

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

Corn Leaf Necrosis – 5 days after EPOST application

4 fl oz Anthem Maxx + 3 fl oz Callisto + 3 pt AAtrex + 22 fl oz Roundup PM



3.6 pt Halex GT + 2 pt AAtrex



30 days after PRE (6/3)

0%

Untreated Check



30 days after PRE (6/3)

87%

PRE: 4 fl oz Anthem Maxx + 6 fl oz Callisto + 3 pt AAtrex



30 days after PRE (6/3)
PRE: 5.6 fl oz Corvus + 3 pt AAtrex

88%



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

93%



30 days after PRE (6/3)
PRE: 2.5 qt Resicore + 3 pt AAtrex

93%



30 days after PRE (6/3)
PRE: 16 fl oz Verdict + 3 pt AAtrex

77%



30 days after PRE (6/3)
PRE: 4 fl oz Anthem Maxx + 2 pt AAtrex

52%



5 days after EPOST (6/3)

EPOST: 4 fl oz Anthem Maxx+3 fl oz Callisto+3 pt Aatrex+22 fl oz Roundup

87%



5 days after EPOST (6/3)

EPOST: 3.6 pt Halex GT + 2 pt AAtrex

84%



5 days after EPOST (6/3)

EPOST: 2 qt Acuron Flexi + 22 fl oz Roundup PowerMAX

87%



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Plot pictures taken on 6/15

41 days after the PRE application

16 days after Early POST application

10 days after the POST application

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

41 days after PRE (6/15)

0%

Untreated Check



41 days after PRE (6/15)

PRE: 4 fl oz Anthem Maxx + 6 fl oz Callisto + 3 pt AAtrex

81%



41 days after PRE (6/15)
PRE: 5.6 fl oz Corvus + 3 pt AAtrex

79%



41 days after PRE (6/15)
PRE: 3 qt Acuron

93%



41 days after PRE (6/15)
PRE: 2.5 qt Resicore + 3 pt AAtrex

87%



41 days after PRE (6/15)
PRE: 16 fl oz Verdict + 3 pt AAtrex

59%



10 days after POST (6/15)

PRE: 4 fl oz Anthem Maxx + 2 pt AAtrex *fb*

97%

POST: 3 fl oz Callisto + 1 pt AAtrex + 22 fl oz Roundup PowerMAX



16 days after EPOST (6/15)

EPOST: 4 fl oz Anthem Maxx+3 fl oz Callisto+3 pt Aatrex+22 fl oz Roundup

88%



16 days after EPOST (6/15)

EPOST: 3.6 pt Halex GT + 2 pt AAtrex

77%



16 days after EPOST (6/15)

EPOST: 2 qt Acuron Flexi + 22 fl oz Roundup PowerMAX

81%

