

Albaugh PRE Corn Herbicide Programs Janesville, WI 2023

Trial Information

Trial Sponsor(s): Albaugh

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

Crop: Corn

Variety: DKC50-87 RIB

Weed species (pressure): giant ragweed (high)

Herbicide Application(s): PRE – 5/4

For the full report see trial #23-ROK-CN12 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
		21 DAT	27 DAT	35 DAT	47 DAT	10/17	
1	Check Untreated	0	0	0	0	0	13 c
One-Pass – PRE (5/4)							
2	Durus (2.6 qt)	65	81	56	59	30	42 b
3	Durus (2.6 qt) + Caballero (6 fl oz)	85	90	72	73	42	66 b
4	Priority MA (3.5 qt)	78	88	71	75	40	61 b
5	Priority MA (3.5 qt) + Caballero (6 fl oz)	83	90	77	76	55	78 b
6	SureStart II (1.5 pt)	75	81	65	60	40	46 b
7	Acuron (3 qt)	82	94	81	83	73	132 a
8	Resicore (2.75 qt)	85	92	79	75	60	108 a
9	Maverick (28 fl oz)	75	89	78	72	37	61 b
LSD ($\alpha=0.10$)		10	5	11	13	15	23
p value		0.034	<.001	0.017	0.065	0.002	<0.001

^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.

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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: 2.6 qt Durus

81%



27 days after PRE (5/31)
PRE: 2.6 qt Durus + 6 fl oz Caballero

90%



27 days after PRE (5/31)
PRE: 3.5 qt Priority MA

88%



27 days after PRE (5/31)
PRE: 3.5 qt Priority MA + 6 fl oz Caballero

90%



27 days after PRE (5/31)
PRE: 1.5 pt SureStart II

81%



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

94%



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

92%



27 days after PRE (5/31)
PRE: 28 fl oz Maverick

89%



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Plot pictures taken on 6/8
35 days after the PRE application

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

35 days after PRE (6/8)
Untreated Check

0%



35 days after PRE (6/8)
PRE: 2.6 qt Durus

56%



35 days after PRE (6/8)
PRE: 2.6 qt Durus + 6 fl oz Caballero

72%



35 days after PRE (6/8)
PRE: 3.5 qt Priority MA

71%



35 days after PRE (6/8)
PRE: 3.5 qt Priority MA + 6 fl oz Caballero

77%



35 days after PRE (6/8)
PRE: 1.5 pt SureStart II

65%



35 days after PRE (6/8)
PRE: 3 qt Acuron

81%



35 days after PRE (6/8)
PRE: 2.75 qt Resicore

79%



35 days after PRE (6/8)
PRE: 28 fl oz Maverick

78%



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Plot pictures taken on 6/20
47 days after the PRE application

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

47 days after PRE (6/20)
Untreated Check

0%



47 days after PRE (6/20)
PRE: 2.6 qt Durus

59%



47 days after PRE (6/20)
PRE: 2.6 qt Durus + 6 fl oz Caballero

73%



47 days after PRE (6/20)
PRE: 3.5 qt Priority MA

75%



47 days after PRE (6/20)

PRE: 3.5 qt Priority MA + 6 fl oz Caballero

76%



47 days after PRE (6/20)
PRE: 1.5 pt SureStart II

60%



47 days after PRE (6/20)
PRE: 3 qt Acuron

83%



47 days after PRE (6/20)
PRE: 2.75 qt Resicore

75%



47 days after PRE (6/20)
PRE: 28 fl oz Maverick

72%

