

# Burndown Control of Giant Ragweed Janesville, WI 2021

## Trial Information

Trial Sponsor: Wisconsin Cropping Systems Weed Science

Objective: Evaluate and demonstrate the effectiveness of multiple single active ingredient POST corn and soybean herbicides on giant ragweed

Crop: none

Variety: -

Weed species (pressure): Giant ragweed (moderate-very high)

Herbicide Application(s): POST – 5/26 (1-4” giant ragweed; Avg = 2”)

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For the full report see trial #21-ROK-BG04 in the [2021 Wisconsin Weed Science Research Report](#)



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

# Burndown Control of Giant Ragweed

## Janesville, WI 2021

Trt # Herbicide (rate acre <sup>-1</sup> )		Giant Ragweed <sup>b</sup> (%)	
		7 DAT	15 DAT
<b>One-Pass – POST (5/26)</b>			
1	Pursuit (4 fl oz) + COC 1% v/v + AMS (2 lb)	36 g	50 f
2	Classic (0.75 oz) + COC 1% v/v + AMS (2 lb)	40 f	45 g
3	FirstRate (0.3 oz) + COC 1.2% v/v + AMS (2 lb)	34 g	51 f
4	Python (1 oz) + COC 1% v/v + AMS (2 lb)	34 g	51 f
5	XtendiMax (22 fl oz) + Class Act Ridion 1% v/v	73 d	96 ab
6	Enlist One (32 fl oz) + AMS (2 lb)	71 de	95 ab
7	Stinger (6 fl oz)	72 d	85 d
8	Status (5 oz) + NIS 0.25% v/v + AMS (2 lb)	74 d	95 ab
9	AAtrex (2 pt) + COC (1 qt)	91 b	84 d
10	Buctril (1.5 pt)	99 a	96 ab
11	Basagran 5L (1.6 pt) + COC 1% v/v + AMS (2 lb)	96 a	95 b
12	Roundup PowerMAX II (32 fl oz) + AMS (2 lb)	98 a	97 ab
13	Liberty (32 fl oz) + AMS (2 lb)	98 a	99 a
14	Cobra (12.5 fl oz) + COC 1.5 (1.5 pt) + AMS (2 lb)	99 a	99 ab
15	Flexstar (1 pt) + MSO 1% v/v + AMS (2 lb)	99 a	98 ab
16	Cadet (0.9 fl oz) + COC 1% v/v + AMS (2 lb)	81 c	66 e
17	Resource (8 fl oz) + COC (1 qt) + AMS (2 lb)	96 a	90 c
18	Callisto (3 fl oz) + COC 1% v/v + AMS (2 lb)	68 e	84 d
19	Laudis (3 fl oz) + MSO 1% v/v + AMS (2 lb)	72 d	97 ab
20	Armezon (0.75 fl oz) + MSO 1% v/v + AMS (2 lb)	72 d	97 ab
21	Balance Flexx (5 fl oz) + MSO 1% v/v + AMS (2 lb)	72 d	95 b
<b>LSD (<math>\alpha=0.10</math>)</b>		<b>3</b>	<b>4</b>
<b>p value</b>		<b>&lt;0.001</b>	<b>&lt;0.001</b>

<sup>a</sup>Visual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

<sup>b</sup>Giant ragweed control values with the same letter are not significantly different.

Day of  
application  
(5/26)



# Burndown Control of Giant Ragweed Janesville, WI 2021

Plot pictures taken on 6/2  
7 days after application

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

Some plots contained annual grass and volunteer corn

7 days after POST (6/2)

POST: 4 fl oz Pursuit + 1.25% COC + 2 lb AMS

36%



7 days after POST (6/2)

POST: 0.75 oz Classic + 1% COC + 2 lb AMS

40%



7 days after POST (6/2)

POST: 0.3 oz FirstRate + 1.2% COC + 2 lb AMS

34%



7 days after POST (6/2)

POST: 1 oz Python + 1% COC + 2 lb AMS

34%





7 days after POST (6/2)

POST: 22 fl oz XtendiMax + 1% Class Act Ridion

73%



7 days after POST (6/2)

POST: 32 fl oz Enlist One + 2 lb AMS

71%



7 days after POST (6/2)  
POST: 6 fl oz Stinger

72%



7 days after POST (6/2)  
POST: 5 oz Status + 0.25% NIS + 2 lb AMS

74%



7 days after POST (6/2)  
POST: 2 pt AAtrex + 1 qt COC

91%



7 days after POST (6/2)  
POST: 1.5 pt Bucril

99%



7 days after POST (6/2)

POST: 1.6 pt Basagran + 1% COC + 2 lb AMS

96%



7 days after POST (6/2)

POST: 32 fl oz Roundup PowerMAX + 2 lb AMS

98%





7 days after POST (6/2)  
POST: 32 fl oz Liberty + 2 lb AMS

98%



7 days after POST (6/2)

POST: 12.5 fl oz Cobra + 1.5 pt COC + 2 lb AMS

99%



7 days after POST (6/2)

POST: 1 pt Flexstar + 1% COC + 2 lb AMS

99%



7 days after POST (6/2)

POST: 0.9 fl oz Cadet + 1% COC + 2 lb AMS

81%



7 days after POST (6/2)

POST: 8 fl oz Resource + 1 qt COC + 2 lb AMS

96%



7 days after POST (6/2)

POST: 3 fl oz Callisto + 1% COC + 2 lb AMS

68%



7 days after POST (6/2)

POST: 3 fl oz Laudis + 1% MSO + 2 lb AMS

72%



7 days after POST (6/2)

POST: 0.75 fl oz Armezon + 1% MSO + 2 lb AMS

72%





7 days after POST (6/2)

POST: 5 fl oz Balance Flexx + 1% MSO + 2 lb AMS

72%

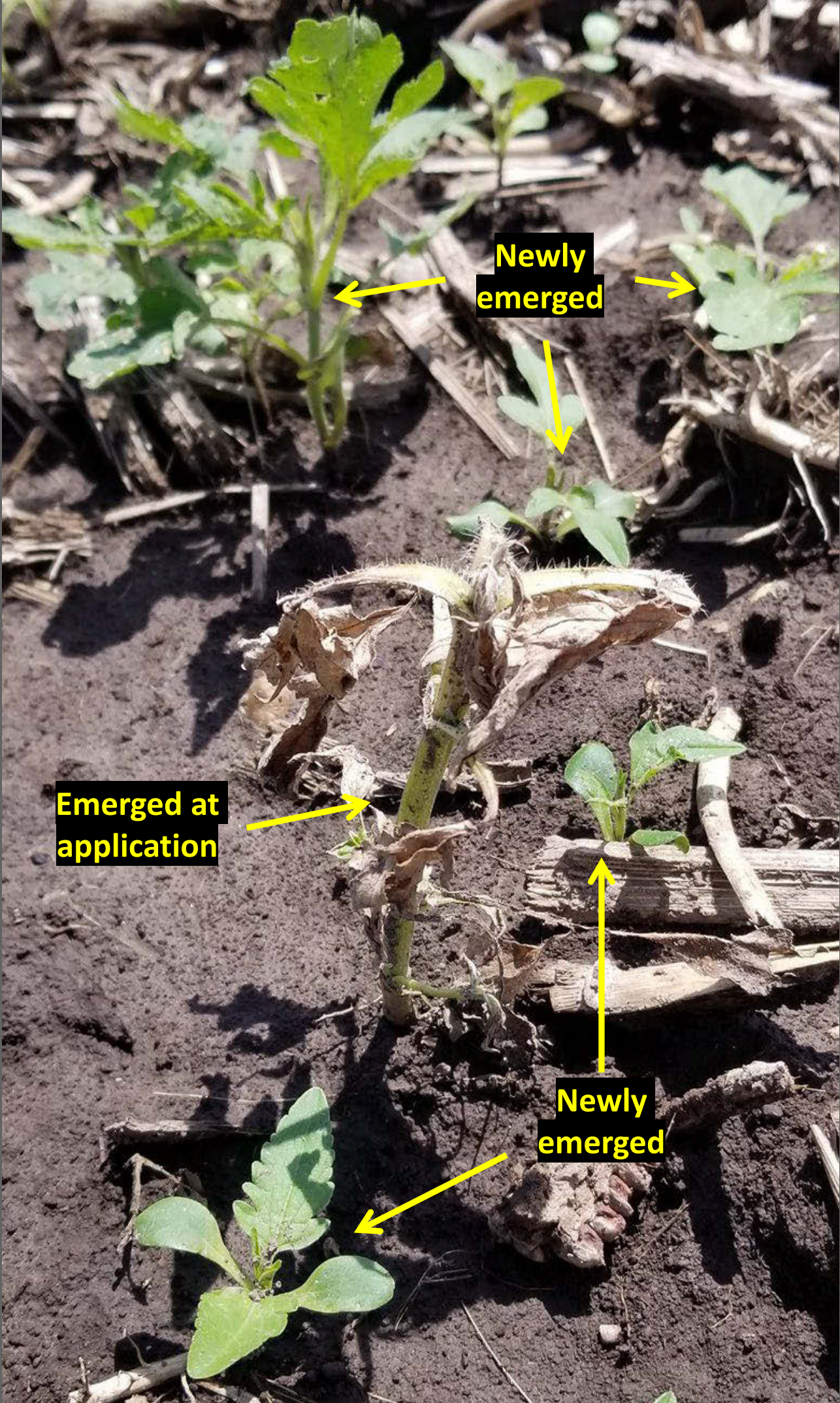


# Burndown Control of Giant Ragweed Janesville, WI 2021

Plot pictures taken on 6/10  
15 days after application

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

Newly emerging giant ragweed seedlings were not included in the control ratings. Only giant ragweed present at the POST application were rated. See photo on next page for illustration.



**Newly emerged**

**Emerged at application**

**Newly emerged**

15 days after POST (6/10)  
Untreated Check

0%



15 days after POST (6/10)

POST: 4 fl oz Pursuit + 1.25% COC + 2 lb AMS

50%



**15 days after POST (6/10)**  
**POST: 0.75 oz Classic + 1% COC + 2 lb AMS**

**45%**



15 days after POST (6/10)

POST: 0.3 oz FirstRate + 1.2% COC + 2 lb AMS

51%



15 days after POST (6/10)  
POST: 1 oz Python + 1% COC + 2 lb AMS

51%





15 days after POST (6/10)  
POST: 22 fl oz XtendiMax + 1% Class Act Ridion

96%



15 days after POST (6/10)  
POST: 32 fl oz Enlist One + 2 lb AMS

95%



15 days after POST (6/10)  
POST: 6 fl oz Stinger

85%



15 days after POST (6/10)

POST: 5 oz Status + 0.25% NIS + 2 lb AMS

95%



15 days after POST (6/10)  
POST: 2 pt AAtrex + 1 qt COC

84%



15 days after POST (6/10)  
POST: 1.5 pt Buctril

96%



15 days after POST (6/10)

POST: 1.6 pt Basagran 5L + 1% COC + 2 lb AMS

95%



15 days after POST (6/10)  
POST: 32 fl oz Roundup PowerMAX + 2 lb AMS

97%





15 days after POST (6/10)  
POST: 32 fl oz Liberty + 2 lb AMS

99%



**15 days after POST (6/10)**  
**POST: 12.5 fl oz Cobra + 1.5 pt COC + 2 lb AMS**

**99%**



15 days after POST (6/10)

POST: 1 pt Flexstar + 1% COC + 2 lb AMS

98%



15 days after POST (6/10)  
POST: 0.9 fl oz Cadet + 1% COC + 2 lb AMS

66%



15 days after POST (6/10)

POST: 8 fl oz Resource + 1 qt COC + 2 lb AMS

90%



15 days after POST (6/10)

POST: 3 fl oz Callisto + 1% COC + 2 lb AMS

84%



15 days after POST (6/10)

POST: 3 fl oz Laudis + 1% MSO + 2 lb AMS

97%



15 days after POST (6/10)

POST: 0.75 fl oz Armezon + 1% MSO + 2 lb AMS

97%





15 days after POST (6/10)

POST: 5 fl oz Balance Flexx + 1% MSO + 2 lb AMS

95%

