Shieldex Weed Control and Crop Safety Janesville, WI 2020

Trial Information

Trial Sponsor: Summit Agro USA

Objective: Compare Shieldex applied POST to industry

standards for weed control and crop safety

Crop: Corn

Hybrid: Dekalb DKC 54-38 RIB

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

Herbicide Application(s): PRE - 4/28

POST - 5/27 (V2 corn)

For the full report see trial #20-ROK-CN04 in the 2020 Wisconsin Weed Science Research Report





Shieldex Weed Control and Crop Safety Janesville, WI 2020

	APP	Giant Ragweed Control %		Corn Injury* %	
Herbicide Treatment*	Timing	6/3 ^B	6/10 ^T	6/3	6/10
1.67 qt Bicep II Magnum	PRE	55	48	0	0
1.67 qt Bicep II Magnum fb 1 fl oz Shieldex + 1 pt atrazine + 1% v/v CO	PRE C POST	100	78	10	5.5
1.67 qt Bicep II Magnum fb 1 fl oz Impact + 1 pt atrazine + 1% v/v COC	PRE POST	99	78	2	0
1.67 qt Bicep II Magnum fb 3 fl oz Laudis + 1 pt atrazine + 1% v/v COC	PRE POST	100	83	1	0
Untreated Check	-	0	0	0	0
	LSD (0.10)	3	9	0.8	0.5
	p-value	<0.01	<0.01	<0.01	<0.01

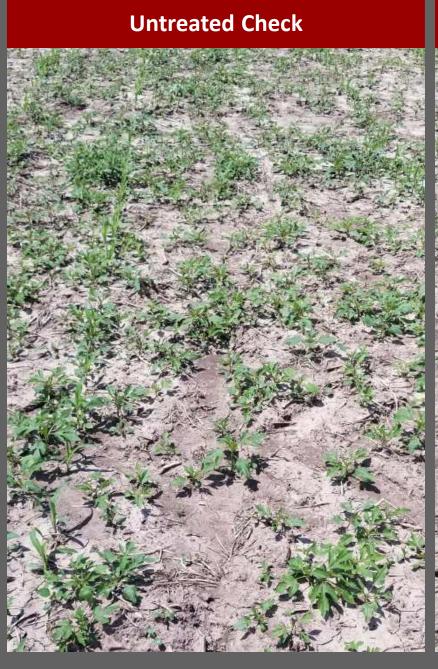
^{*}Corn injury rated as % leaf necrosis (leaf burn). Injury was not severe enough to affect normal growth and new leaves were unaffected.

^B Rated % burndown control

TRated % total control

Shieldex Weed Control and Crop Safety Janesville, WI 2020

Plot pictures taken on 5/27
29 days after the PRE application
The day of the POST application





Shieldex Weed Control and Crop Safety Janesville, WI 2020

Corn Injury - Necrosis

1 fl oz Shieldex + 1 pt atrazine 4L + 1% v/v COC **6/10 14 DAT**

Shieldex Weed Control and Crop Safety Janesville, WI 2020

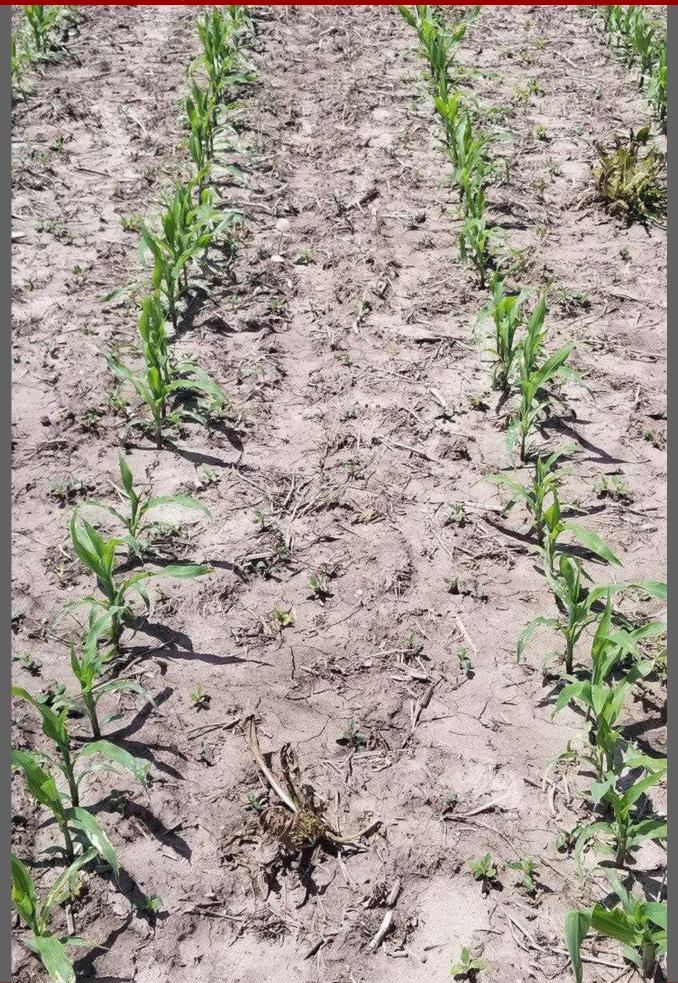
Plot pictures taken on 6/3
36 days after the PRE application
7 days after the POST application

The number in the upper right-hand corner is the average % burndown control of giant ragweed of 4 replications. Newly emerged giant ragweed seedlings seen in the pictures were not rated at this timing.

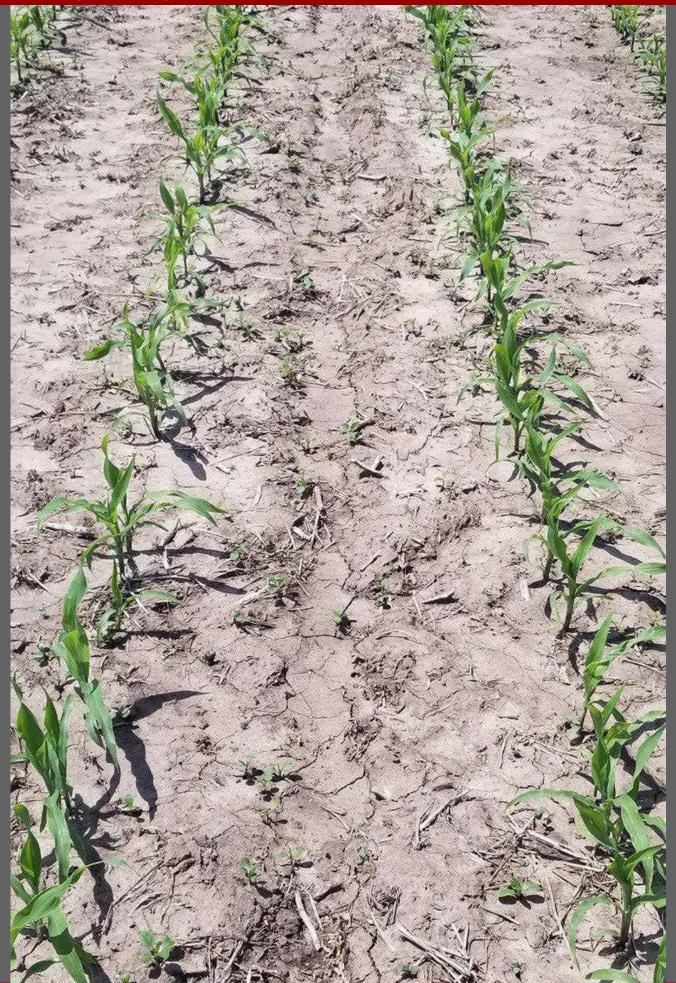




POST: 1 fl oz Shieldex + 1 pt atrazine 4L + 1% v/v COC



POST: 1 fl oz Impact + 1 pt atrazine 4L + 1% v/v COC



POST: 3 fl oz Laudis + 1 pt atrazine 4L + 1% v/v COC



Shieldex Weed Control and Crop Safety Janesville, WI 2020

Plot pictures taken on 6/10
43 days after the PRE application
14 days after the POST application

The number in the upper right-hand corner is the average % control of giant ragweed of 4 replications. Giant ragweed seedlings that emerged after application were included in this rating.





POST: 1 fl oz Shieldex + 1 pt atrazine 4L + 1% v/v COC



POST: 1 fl oz Impact + 1 pt atrazine 4L + 1% v/v COC



POST: 3 fl oz Laudis + 1 pt atrazine 4L + 1% v/v COC

