



\*\*This news release from K-State Research and Extension is available online at <https://ksre-learn.com/crabgrass-preventer>

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### **Lawn got you crabby? Time nears to apply preventers**

K-State horticulture expert explains best practices for treating crabgrass

*K-State Research and Extension news service*

MANHATTAN, Kan. — A weed commonly found in Kansas lawns can sure make homeowners feel pretty crabby this time of year.

But applying an herbicide at the right time can help alleviate crabgrass problems, said Kansas State University horticulture expert Cynthia Domenghini.

“For most of Kansas, crabgrass typically begins to germinate around May 1 or a little later,” Domenghini said. “April 15 is normally a good target date for applying crabgrass preventer because it gives active ingredients time to evenly disperse in the soil before germination starts.”

Crabgrass preventers are another name for pre-emergence herbicides that prevent crabgrass seeds from developing into mature plants. “They do not kill the weed seed or even keep the seed from germinating, but rather kill the young plant after it germinates,” Domenghini said.

She added that crabgrass preventers have no effect on existing plants, “so they must be applied before germination.”

“Preventers do not last forever once applied to the soil. Microorganisms and natural processes begin to gradually break them down soon after they are applied. If some products are applied too early, they may have lost much of their strength by the time they are needed.”

Domenghini said most crabgrass preventers are fairly ineffective after 60 days. Two products – Dimension and Barricade -- provide season long control of crabgrass from a single application, and can be applied earlier than April 15. Barricade can be applied as early as March 1.

If not using one those two products, however, the proper time to apply a crabgrass preventer usually falls the same time that the Eastern Redbud tree – known for its pretty pink flowers -- is in full bloom.

“We recommend that homeowners apply crabgrass preventers before fertilizer so that the grass isn’t encouraged to put on too much growth too early,” Domenghini said. “However, it may be difficult to find products that contain pre-emergent without fertilizer.”

Domenghini and her colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly [Horticulture Newsletter](#) with tips for maintaining home landscapes and gardens. The newsletter is available to [view online](#) or can be delivered by email each week.

Interested persons can also send their garden and yard-related questions to Domenghini at [cdom@ksu.edu](mailto:cdom@ksu.edu), or contact your [local K-State Research and Extension office](#).

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**FOR PRINT PUBLICATIONS:** Links used in this story

K-State Horticulture Newsletter, <https://hnr.k-state.edu/extension/info-center/newsletters/index.html>

K-State Research and Extension local offices, <https://www.ksre.k-state.edu/about/statewide-locations.html>

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