2021 Throckmorton Plant Sciences Center:: Kansas State University:: Manhattan, KS 66506:: 785.532.6173

**Problem:** White Clover



**Description:** Though white clover can make an effective ground cover or even a replacement for a lawn, many homeowners consider it a weed and wish the eliminate it. White clover can be recognized by the 3-leaflet leaf that is in the clover pattern and the white flowers. Two other weeds with three-leaflet leaves are black medic and oxalis (yellow woodsorrel) but both have yellow flowers rather than white. White clover is a member of the legume family and can convert nitrogen in the air to a form the plant can use as fertilizer. Therefore, clover is often seen in lawns that are underfertilized.

**Recommendations:** The best control for white clover is a thick lawn that is mowed high enough that sunlight does not hit the soil. Proper fertilization can help maintain a good thick lawn.

Controlling white clover can be a challenge. Small patches can simply be dug out and replaced with sod or reseeded. Larger infestations are commonly controlled with herbicides. Combination products that contain 2,4-D, MCPP and Dicamba are recommended. Such products would include Trimec, Weed-B-Gon, Weed-Out, Weed-Stop for Lawns and others.

Fall applications for control for white clover are more effective than those applied at other times of the year.

## **References:**

- 1. White Clover, HG 2324, Clemson Cooperative Extension
- 2. White Clover, Purdue University, Weed of the Month, October, 2013

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