

A second option is to cultivate when the plants are three to six inches tall post-harvest. Research has shown that cultivating hoary cress twice each fall after harvest annually provided complete control. The fall cultivation program has an advantage over the season-long program because it allows crops to be grown during the season and limits soil exposure to erosion. Two fall cultivations will reduce hoary cress infestations faster than one cultivation. However, a single cultivation may be a more practical management option when minimal tillage is desired, or soil erosion is a concern. It is important to clean hoary cress roots and root fragments from equipment before entering uninfested areas of the field or other fields to prevent the spread of hoary cress.

Chemical Control

The following herbicides may be used for cost-share with landowners. Other products labeled and registered for use on this noxious weed in Kansas may be used in accordance with label directions but are not available for cost-share. Be sure to follow all label directions and precautions. For additional information consult the most recent edition of the KSU publication of “Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland”.

Any two or more of the herbicides listed below may be available for cost-share as a pre-mix or a tank mix if allowed on the respective labels. Contact your county weed program for availability.

Herbicide	Mode of Action
2,4-D LV Ester	4
chlorsulfuron	2
dicamba	4
imazapyr	2
metsulfuron methyl	2

Biological Control

Biological control refers to the deliberate application of a living organism to control the spread of weeds. These agents will not eradicate their host plant, therefore other control methods must be used in addition to the use of biological control agents as part of an integrated pest management strategy. The importation of biological control agents is regulated by USDA-APHIS and is allowed by permit only.

There are no biological control agents available for hoary cress.