

Overview of Perennial Weed Control Research

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Perennial weeds continue to pose challenges to agricultural acreage. The Carrington Research Extension Center (CREC) is conducting numerous trials to evaluate control of selected perennial weeds with herbicides in cropland and land devoted to production of livestock forage. The research is a cooperative effort among CREC agronomists, county extension agents, crop protection companies and county weed control boards.

The following is the current list of herbicide trials (including location and month of establishment):

- Yellow toadflax control in pasture (Fredonia; September, 2010)
- Canada thistle control in CRP (Ellendale; October, 2010)
- Canada thistle control in riparian area (New Rockford; October, 2010)
- Summer and fall control of Canada thistle in CRP (Ellendale; July, 2011)
- Dandelion control in idle cropland (CREC; September, 2011)
- Canada thistle control in spring wheat (CREC; May, 2012)
- Leafy spurge control in hayland (Carrington; June, 2012)
- Foxtail barley control in salt-affect cropland (CREC; September, 2012)

Trials completed in 2012 include research with dandelion and Canada thistle at the CREC. Research reports are electronically available at www.ag.ndsu.edu/CarringtonREC. The balance of trials is multi-year and data is available upon request.