

FIELD BINDWEED

Convolvulus arvensis
Convolvulaceae, the morning glory family
Category: Containment

FACTSHEET INFORMATION

Summary of Invasiveness

- Field bindweed is a climbing herbaceous perennial that grows rapidly, competing with native vegetation as well as agricultural and horticultural crops for nutrients, moisture, light, and space.
- It forms dense mats that enable it to crowd out other plant species, decreasing biodiversity and reducing crop yields.
- Seeds can remain viable for up to 50 years.
- The plant is toxic to horses if ingested.

Description

- Perennial vine with twining stems that extend up to 6 feet long.
- 2 inch long, arrowhead-shaped, dull green leaves are sometimes covered with whitish powder.
- White or pinkish, funnel-shaped flowers in leaf axils.
- Lateral creeping roots can penetrate up to 9 feet deep.
- Seeds are dark gray-brown with irregular bumps.

Introduction and Movement

- Field bindweed is native to Eurasia and was accidentally introduced as a contaminant of both agricultural and horticultural seed.
- Inhabits disturbed sites such as cultivated fields, pastures, lawns, and roadsides.
- It can easily spread through seed dispersal via water currents, agricultural equipment, and animal vectors such as birds.

Prevention Strategy

- To prevent accidental introductions, learn how to identify Field bindweed and eradicate infestations on your property.
- When gardening, always research plants before planting and only purchase seeds from licensed nurseries.
- Always remove and properly dispose of all seed and plant materials on vehicles, clothing, shoes and pets before you exit or enter outdoor recreational sites.
- Always Remember To: **KNOW WHAT YOU GROW & KNOCK IT OFF!**

Sources

- CABI Invasive Species Compendium: <https://www.cabi.org/isc/datasheet/15101>
- Idaho's Noxious Weeds 9th Edition, University of Idaho: <http://www.extension.uidaho.edu/publishing/pdf/BUL/BUL816.pdf>.



Barry Rice, sarracenia.com, Bugwood.org



Robert L. Carr, Eastern Washington University



Robert Voldřk, Doronicum Kft, Bugwood.org

FIELD BINDWEED DISTRIBUTION MAP

