

BLACK HENBANE

(*Hyoscyamus niger*)



Distinguishing Features:

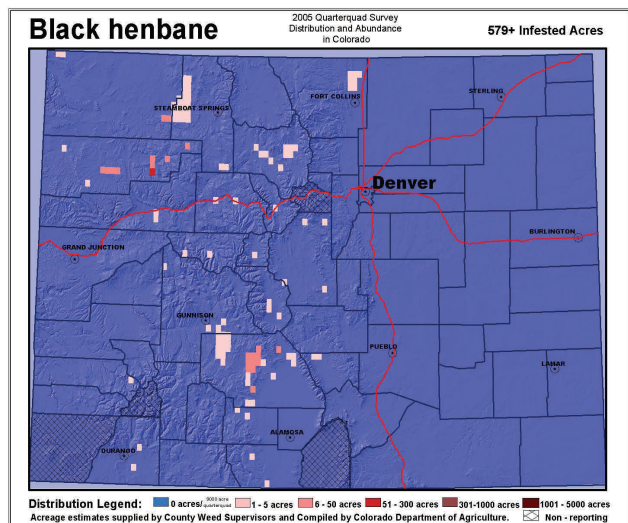
- Blooms June through September. May be an annual or a biennial.
- Mature plants are 1 to 3 feet tall.
- Leaves are shallowly lobed to coarsely toothed with sticky hairs.
- Foliage has a fowl odor.
- The outer part of the flower is brownish / yellow in color with a purple center and veins.
- Fruits are approximately 1 inch long with 5 lobes.

Typical Habitat:

- Introduced from Europe as an ornamental and medicinal herb.
- In Colorado, mostly found on the western slope .
- Black Henbane is found in disturbed open sites, roadsides, fields, waste places and abandoned gardens. It grows best in sandy or well drained loam soils. Does not tolerate water-logged soils.



Report all sightings
to your local
weed manager
immediately!



Impacts:

- All parts of plant are poisonous to both livestock and humans when ingested. Usually avoided by livestock due to foul odor.
- Strong competitor for moisture and nutrients.
- Produces a persistent litter effecting germination and growth of native plants.
- Invades disturbed and overgrazed sites. Guarding against overuse can be a good preventable measure.

Contact:

BLACK HENBANE CONTROL OPTIONS

Chemical Control:

- **Metsulfuron** (*Escort—general use*)
 - ~ 1 oz product/A plus 0.25% v/v non-ionic surfactant
 - ~ Surfactant absolutely necessary
 - ~ Apply late bolt to early flower
- **Picloram** (*Tordon - restricted use*)
 - ~ Apply at 1 qt/A
 - ~ Add 0.25% v/v non-ionic surfactant
 - ~ Apply when soil moisture adequate and weeds rapidly growing

Soil seed longevity of black henbane is considered to be 1 to 5 years. The site must be monitored for at least 10 years after the last flowering adult plants have been eliminated and treatments repeated when necessary.

Not all products listed are for use near homes. Be sure and read the label to determine if a listed product is appropriate for your site. The label is the law!



Mechanical Control:

(recommended for new or small infestations only)

- Hand pull or dig from moist soil so the entire tap root system can be removed.
- Tillage will control henbane, but is usually not recommended due to the land it occupies: Rangeland, roadsides and pastures.
- Bag specimens carefully if removed during or after flowering.



There is no biocontrol available or approved for black henbane!

Black henbane is a State of Colorado List B Noxious Weed.
Black henbane is designated for eradication in many parts of the state.

Eradication requires intensive and persistent control efforts to effectively eliminate weed infestations and soil seed reserves.

Contact your local weed manager for more information.



A list of local weed managers can be found at:
<http://www.ag.state.co.us/csd/weeds/mapping/countyprograms.html>

