

# OXEYE DAISY

(*Chrysanthemum leucanthemum*)



## Distinguishing Features:

- Erect, rhizomatous, creeping perennial that grows 10 inches to 2 - feet tall.
- Basal and lower leaves are lance shaped and toothed with long petioles (leaf stem); upper leaves are narrower and clasp the stem.
- Leaf size progressively decreases up the stem.
- Flower heads are mostly solitary at the end of the flower stalk.
- Flower head has 15 - 30 white ray flowers.

## Typical Habitat:

- Introduced from Europe as a seed contaminant and as an ornamental.
- Grows in meadows, native grasslands, pastures, waste grounds, railway embankments, and along roadsides.
- Is an aggressive rangeland competitor forming dense patches.
- Typically grows in higher elevations in Colorado.

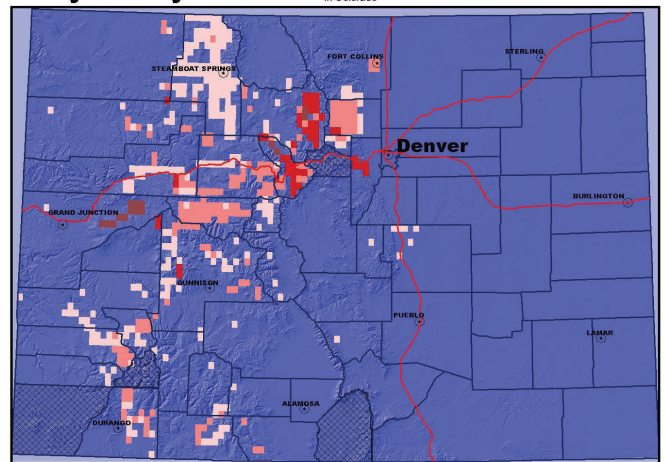


Report all sightings  
to your local  
weed manager  
immediately!

## Oxeye daisy

2005 Quarterquad Survey  
Distribution and Abundance  
in Colorado

24,229+ Infested Acres



Distribution Legend: 0 acres, non-reporting 1 - 5 acres 6 - 50 acres 51 - 300 acres 301-1000 acres 1001 - 5000 acres  
Acreage estimates supplied by County Weed Supervisors and Compiled by Colorado Department of Agriculture. Non-reporting

## Impacts:

- Forms dense populations reducing plant diversity and pasture forage.
- Heavy infestations may reduce nutrient cycling due to shallow root system.
- Heavy infestations create areas of bare soil, increasing soil erosion.
- Reduction of carrying capacity of heavily infested pastures when cattle are the primary grazers.

## Contact:

# OXEYE DAISY CONTROL OPTIONS

## Chemical Control:

(listed in order of efficacy)

- Metsulfuron (*Escort- general use*)
  - ~ 1 oz product/acre plus 0.25%v/v non-ionic surfactant
  - ~ Surfactant absolutely necessary
  - ~ Apply at flowering growth stage
  - ~ 1 oz product is the minimum eradication rate based on best treatment observed in several CSU experiments
- Chlorsulfuron (*Telar - general use*)
  - ~ 1 oz product/acre plus 0.25%v/v non-ionic surfactant
  - ~ Surfactant absolutely necessary
  - ~ Apply at flowering growth stage

*The soil seed reserve of oxeye daisy is 86% viability after 6 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)

- Handpull or dig when soil is moist.
- Oxeye is fairly shallow rooted-make certain to pull up all of the roots.
- Bag specimens carefully so as to not scatter seeds if removed during or after flowering.



**There is no biocontrol available or approved for oxeye daisy!**

Oxeye daisy is a State of Colorado List B Noxious Weed.  
Oxeye daisy 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>

