

SPOTTED & DIFFUSE KNAPWEED (biennial/perennial)

Redeem-----1 1/2 quarts per acre
Curtil-----1 1/2—2 quarts per acre
Milestone----- 5—7 oz per acre
2-4 D-----1—2 quarts per acre

Apply when plants are actively growing in the spring prior to blooming, or fall re-growth. Other practices: Mowing is not effective for long- term control, hand pulling is only effective on small patches and new infestations. After control measures have been done bare areas should be reseeded.

LEAFY SPURGE (Perennial)

*Tordon 22K+ 2-4D-----1 pint + 1 quart per acre
2-4 D or Roundup-----1—2 quart per acre

Apply in the spring, full flower, fall re-growth. Other practices: Hand pulling and mowing are ineffective, but grazing animals can be effective if done properly.

CANADA THISTLE (Perennial)

Redeem-----1 1/2 quarts per acre
Milestone-----5-7 oz per acre
Curtil-----1 1/2 -2 quarts per acre
2-4 D-----1-2 quarts per acre

Apply in the spring to plants in the pre-bud stage or in the fall to plant re-growth. Other practices: Mowing can be effective if done properly and before seed sets, grazing can also help prevent seed production. Bare areas should be reseeded.

ORANGE AND MEADOW HAWKWEED (Perennial)

Redeem-----1 1/2 quarts per acre
Milestone-----4—6 oz per acre

Apply in the spring to plants in the bolting stage. Other practices: Mowing is not at all effective, hand pulling is somewhat effective in small areas. Cultivation will cause spread. Bare areas should be reseeded.

ST. JOHNSWART (Perennial)

*Tordon 22K 2-4 D-----1 pint + 1 quart per acre
2-4D + Escort-----1 quart + 1 oz per acre

Apply at the early bud stage. Other practices: Mowing is not effective, biological control can be effective but takes time and is very cyclical. **POISONOUS TO DOMESTIC ANIMALS!**

SULFUR CINQUEFOIL (Perennial)

* Tordon 22K-----1 pint to 1 quart per acre
Milestone-----4-6 oz per acre
*Tordon 22K+2-4 D-----1 pint + fl quart per acre
2-4D + Escort-----1 quart + 1/2 oz per acre

Apply at the bolting to early bud stage. Other practices: Mowing is ineffective and hand pulling is only effective in small patches. Reseeding of areas left bare is essential.

FIELD BINDWEED (Perennial)

*Tordon 22K-----1—1 1/2pints per acre
*Tordon 22K + 2-4D-----1 pint + 1 quart per acre
Hi-Dep-----1 – 2 quart per acre

Apply when plant is actively growing and in bloom or fall re-growth. Other practices: Mowing is ineffective(can cause rapid spreading), hand pulling can be beneficial but only in small patches, but be sure to pick up any small pieces and dispose of!

OXEYE DAISY (Perennial)

Curtil----- 2—3 quarts per acre
Redeem-----1- 2 pints per acre
Milestone-----4—6 oz per acre
2-4D(moderately resistant)-----1-3 quarts per acre

Apply to actively growing plants. Other practices: Mowing can reduce seeds but will need to be done repeatedly and is not a long-term control method. Grazing will also help slow seed production. Applying Nitrogen fertilizer at a rate of 80—100 pounds per acre will also help. Cultivation is not effective and can cause spreading.

HOUNDSTONGUE (Biennial)

2-4D----- 1-2 quart per acre
2-4D+ Escort-----1-2 quart + 1 oz per acre
2-4D + Dicamba-----1-2 quart + 8oz per acre

Applications using herbicide is most effective on first year rosette. Apply in the spring before flowering or fall. Other practices: Mowing can reduce seeds but will not control the plant and should take place after grasses have reached their optimal growth. Hand pulling small patches or isolated plants can be effective but the entire tap root must be removed.

POISONOUS TO CATTLE AND HORSES!

WHITETOP (Perennial)

2-4D----- 1—2 quarts per acre
2-4D + Escort-----1-2 quarts + 1/2 -1 oz per acre

Apply when plants are actively growing and before flowering (early spring!!!) Other practices: Hand pulling is effective on small patches, Mowing is effective in slowing seed production if done properly, both cultivation and grazing are ineffective control methods. Reseeding bare areas is recommended.

TALL BUTTERCUP (Perennial)

Milestone-----4—6 oz per acre
2-4D -----1 pint –1 quart per acre

Apply early spring before flowering. Other practices: Hand pulling is effective on small patches, mowing, grazing, and cultivation are not effective. **SLIGHTLY POISONOUS TO ANIMALS!!!**

The application rates suggested are only suggestions. You must read and follow label directions. Since agricultural sciences change constantly please consult with the LAKE COUNTY WEED DISTRICT or private enterprise for proven control methods.

Rosette: a circular cluster of weeds growing close to the ground, the first growth stage of a biennial weed.

Bolt: the rapid growth of a plant just prior to it flowering.

***Tordon 22K is a restricted herbicideand requires a license to buy or apply it!!!**

Lawn, Garden and watershed applications have special considerations and not all of the above herbicides can be used.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS—THE LABEL IS THE LAW!!!!!!!