

# **PASTURES CONTAINING FORAGE LEGUMES - PERENNIAL WEEDS - NARROW-LEAVED HAWKSBEARD**

## General Information

### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Cobutox 625 is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Cobutox 625 and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Cobutox 625 or other Group 4 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or integrated weed-management recommendations for specific crops and weed biotypes.

- For further information or to report suspected resistance, contact Interprovincial Cooperative Ltd. at 1-204-233- 3461.

## PRECAUTIONS

1. KEEP OUT OF THE REACH OF CHILDREN.
2. Do not get in eyes, on skin or clothing. Wear a long-sleeved shirt, long pants and chemical resistant gloves during mixing, loading, clean-up and repair. Rinse gloves before removal. After use wash hands and other exposed skin. AVOID INHALING VAPOURS OR MIST.
3. DO NOT APPY BY AIR.
4. When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels.
5. When handling, do not eat, drink or smoke. Take a shower daily, immediately after application. Wear freshly laundered clothing daily.
6. Handle with care and mix only in a closed container. Use only in a well ventilated area.
7. Do not spray when there is any danger of wind or on exceptionally hot days over 27°C.
8. Do not contaminate any body of water. Avoid contamination of foods.
9. Keep in original container during storage. Do not re-use container unless otherwise specified
10. Clean spray equipment thoroughly after use.
11. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web-site at [www.croplife.ca](http://www.croplife.ca).
12. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. SHAKE WELL BEFORE USING.

Limitations, Restrictions, and Exceptions

## PASTURES CONTAINING FORAGE LEGUMES

Treatment Stage: Ground Application. Treat after cutting or grazing when growth is not above 7.5 cm in height. Damage may occur if crop is sprayed beyond this stage.

Narrow- leaved hawk's beard: Rosette stage in fall after legume growth ends.

IMPORTANT NOTES: Use lower rate on susceptible weeds in the seedling stage. Use the higher rates for older, heavy weed infestations and under poor growing conditions.

### MAXIMUM RECOMMENDED RATES FOR CROPS:

- Seedling alfalfa, birdsfoot trefoil, seedling clovers, cereals,

seedling forage grasses: 2.25 L/ha

- Field corn, pastures containing legumes: 2.75 L/ha

DO NOT exceed recommended rate and apply at appropriate growth stage for each crop. Apply product in warm weather. DO NOT apply under drought conditions. Application must be made before the crop shields the weeds.

DO NOT use treated crops for grazing of livestock or green feed or cut for forage until 30 days after application of Cobutox 625.

Method

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

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Timings

[After cutting or grazing when growth is not above 7.5 cm in height.](#)