

(Container)



# Kerb\* 50-W

## Wettable Powder Selective Herbicide

|       |    |           |
|-------|----|-----------|
| GROUP | 15 | HERBICIDE |
|-------|----|-----------|

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Propyzamide (Pronamide).....51%

REGISTRATION NO.: 11396 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 2.0 kg

**Dow AgroSciences Canada Inc.**  
Suite 201, 1144 - 29 Avenue N.E.  
Calgary, Alberta  
T2E 7P1  
1-800-667-3852

\*Trademark of Dow AgroSciences LLC

**PRECAUTIONS****KEEP OUT OF REACH OF CHILDREN**

Avoid breathing dust and spray mist. Do not get in eyes or skin. Do not take internally.

**FIRST AID**

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**If in eyes:** Flush with large amounts of water for at least 15 minutes. Consult a physician or contact a poison control centre **IMMEDIATELY** if irritation persists.

**If on skin:** Immediately wash with plenty of soap and water. Get medical attention or contact a poison control centre **IMMEDIATELY** if irritation develops.

**If swallowed:** Do not induce vomiting unless instructed to do so by qualified medical personnel. If conscious, give individual two glasses of water to drink and consult a physician or contact a poison control centre **IMMEDIATELY**. Do not give anything by mouth to an unconscious person.

**If inhaled:** Remove individual to fresh air. Consult a physician or contact a poison control centre **IMMEDIATELY** if effects occur.

**TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

For further information consult the Material Safety Data Sheet

**AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

**ENVIRONMENTAL HAZARDS**

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes. Avoid contamination of water supplies.

**STORAGE**

Do not store near feed or food stuffs, or fertilizer.

**DISPOSAL**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

**NOTICE TO BUYER:** Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

(Booklet)



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**GENERAL INFORMATION**

Kerb 50-W is a selective herbicide used to control quackgrass, certain other perennial grasses such as orchardgrass and timothy, and most annual grasses, including wild oats. Kerb 50-W also controls chickweed. Dandelions, thistles and other members of the Compositae family are not controlled by Kerb 50-W.

**GENERAL USE PRECAUTIONS**

- **DO NOT APPLY BY AIR**
- 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., contact 1-866-375-4648 or [www.cropro.org/](http://www.cropro.org/)

**Tank Mixtures**

Do not apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label.

**DIRECTIONS FOR USE**

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE.

**Effect of soil type**

Kerb 50-W is ineffective and not recommended for application pre-emergence to weeds on highly organic peat or muck soils.

**Mixing Instructions**

Mix Kerb 50-W in water and apply uniformly with a standard low pressure herbicide sprayer with flat fan nozzles at 300-500 litres of water per hectare. Reduce dosage accordingly for band treatment.

**Methods of Application**

Kerb 50-W can be either fall or spring applied depending upon the crop involved.

**Fall application (Alfalfa, Trefoil)**

Kerb 50-W should be applied in the fall from late September to early November. Exact timing depends on soil temperature and ground freezing. Best results are obtained when soil temperature is low but above freezing and soil moisture is high. Surface applications are most effective if followed by rain in a day or two or a light overhead irrigation (1.25 to 2.50 cm). Kerb 50-W acts through root absorption.

**Established Pastures**

To control foxtail barley (*Hordeum jubatum*) in established grass pastures, or grass/legume (alfalfa, trefoil) pastures, apply Kerb 50-W in late fall prior to freeze-up. On brown, dark brown, or gray wooded soils use 0.9 kg of Kerb 50-W per hectare. On thin black or black soils use 1.12 kg of Kerb 50-W per hectare. Some of the less tolerant pasture grass species, (e.g. tall fescue, creeping red fescue) may experience a 10-15% reduction as a result of the treatment.

**CAUTION:** Do not use on pastures that contain high proportions of timothy, crested wheat grass or meadow fescue, as severe stand reduction will occur.

**Spring Application**

(Seed Alfalfa): Kerb 50-W can be applied in the spring as a surface spray to control annual grasses, including wild oats. For optimum control the soil temperature should be cool. If soil temperature is high and moisture content low a light incorporation is recommended.

**CROP RECOMMENDATIONS****ALFALFA, TREFOIL** (in first year and established plantings)

| To Control                                            | Kerb 50-W<br>Per hectare <sup>1</sup> | Timing                        |
|-------------------------------------------------------|---------------------------------------|-------------------------------|
| Annual grasses,<br>Volunteer grain,<br>Wild Oats      | 1.75 kg                               | Fall<br>(Spring-Seed Alfalfa) |
| Quackgrass,<br>orchardgrass,<br>timothy,<br>chickweed | 2.25-3.25 kg                          | Fall                          |

<sup>1</sup> Note: Do not use more than 2.25 kg per hectare in Spring Application.

Caution: Do not harvest or graze within 90 days after application of 3.25 kg Kerb 50-W per hectare or for 60 days after rates of less than 3.25 kg per hectare.

**ALFALFA AND TREFOIL GROWN FOR SEED**

Pest - Dodder control

Rate - 1.6 kg ai or 3.1 kg Kerb 50-W per hectare.

Apply in the fall (late September to early November) or early spring (early April to early May); spring application will be effective ONLY if low temperatures prevail and moisture is available following application. Spot treatment of dodder may be necessary as complete control of dodder is not achieved with Kerb 50-W.

**ORNAMENTALS (Established)**

Iris, peony, ground covers (except Vinca minor) and any coniferous trees and shrubs which are tolerant of Kerb 50-W. To control quackgrass, most annual grasses and chickweed in established plantings, apply Kerb 50-W in the Fall at the rate 30 g per 100 square metres. DO NOT USE Kerb 50-W ON OR PERMIT TREATED AREAS TO DRAIN ONTO TURF GRASSES (EXCEPT FOR REMOVAL).

**ORNAMENTAL NURSERY STOCK, CONTAINER GROWN (British Columbia only)**

To control annual grasses and chickweed during the winter and spring in a sawdust:peat (3:1) medium for container grown coniferous trees and shrubs, apply Kerb 50-W at a rate of 30 g per 100 square metres in November to February. Do not apply to stock that has been transplanted less than six months.

**STRAWBERRIES (Maritimes and British Columbia only)**

To control annual grasses and chickweed, apply Kerb 50-W from late September to early November at a rate of 2.25 kg per hectare. Best results are obtained when soil temperatures are low but above freezing and when soil moisture is high.

**APPLES AND PEARS**

To control quackgrass and annual grasses apply Kerb 50-W from late September to early November at a rate of 4.5 kg product per hectare (45 g per 100 square metres). Use only under trees established for at least one year. Best results are obtained when soil temperatures are low but above freezing and when soil moisture is high.

**LOWBUSH BLUEBERRIES**

To control perennial grasses including quackgrass and annual grasses, apply Kerb 50-W from late September to early November at rates of 3.25-4.50 kg product per hectare. Best results are obtained when soil temperatures are low but above freezing and when soil moisture is high.

**Note:** Do not apply Kerb 50-W to the above crops until all the fruits have been harvested.

**LETTUCE (Direct seeded or transplanted)**

To control germinating annual grasses and some broadleaf weeds, apply Kerb 50-W once a year at 2.2 – 4.5 kg product per hectare. For direct seeded lettuce apply either as preplant incorporation, preemergent or postemergent with a pre-harvest interval of 55 days. For transplanted lettuce apply Kerb 50-W 7-10 days post-transplant.

**Note:** Do not replant lettuce in the Kerb 50-W treated field in the same year as significant residues may result.

**RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, Kerb 50-W is a Group 15 herbicide. Any weed population may contain or develop plants naturally resistant to Kerb 50-W and other Group 15 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 Kerb 50-W or other Group 15 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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.ca).

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