

**Nufarm**

**Calmix Pellets**

**Weed Killer and Soil Sterilant**

**COMMERCIAL**

**CONTAINS BROMACIL AND 2,4-D**

**GUARANTEE:**

Bromacil ... 3.00%

2,4-D, present as acid ... 5.00% a.e.

**READ LABEL AND ATTACHED BOOKLET BEFORE USING**

For use on non-crop land  
**DO NOT USE IN RESIDENTIAL AREAS**

REGISTRATION NO. 9342 PEST CONTROL PRODUCTS ACT

Nufarm Agriculture Inc.  
5507 1<sup>st</sup> Street SE  
Calgary, Alberta T2H 1H9  
1-800-868-5444

24 Hour Emergency Response Number 1-800-424-9300



CAUTION

POISON

**Net Contents: (1 to 20) Kg**

Calmix® is a registered trademark of Nufarm Agriculture Inc.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

May cause irritation of eyes, nose, throat and skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing.

Persons handling the product must wear coveralls over a long-sleeved shirt, long pants, shoes, socks, chemical-resistant gloves and protective eye wear (face shield or safety glasses). Rinse chemical resistant gloves before removal.

Workers must not handle more than 30 kg of Nufarm Calmix Pellets Weed Killer and Soil Sterilant per day (sufficient to treat 667 m<sup>2</sup>/day at the highest rate of 4.5 kg/100 m<sup>2</sup>).

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be allowed in the area during application.

**Do not use in residential areas.** Residential areas are defined as sites where bystanders including children may be potentially exposed during or after applying. This includes around homes, on school grounds, in parks, playgrounds, playing fields, around public buildings or any other areas where the general public including children could be exposed.

DO NOT apply within 1½ times the height of desirable trees, ornamentals or plants as the roots of these plants or trees may extend into treated area.

DO NOT apply on slopes where water erosion may carry the chemical onto areas of desirable vegetation.

DO NOT contaminate irrigation ditches or water used for domestic purposes.

DO NOT apply by hand.

**ENVIRONMENTAL HAZARDS:** Refer to the attached booklet for complete environmental hazards and other additional precautions and instructions.

**FIRST AID:**

**If swallowed,** call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

**If on skin or clothing,** take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If in eyes,** hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**If inhaled,** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you

when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

This product may cause severe irritation to the eyes. Overexposure to 2,4-D may cause coughing, burning, dizziness or temporary loss of muscle coordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea. Treat symptomatically.

This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

**EMERGENCY TELEPHONE NUMBERS:**

For spills or transportation accidents, Chemtrec, 1-800-424-9300.

For health or environmental emergencies, Prosar, 1-877-325-1840.

For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

**STORAGE:**

Do not store near fertilizers, seed, insecticides, or fungicides. Store in tightly closed containers away from feeds, fertilizer, plants or foodstuffs.

**DISPOSAL:**

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. 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.

**DECONTAMINATION:**

If container is damaged and/or contents spilled contact manufacturer for instructions. Keep out of irrigation ditches and water supplies. **DO NOT** flush affected area. Dampen spill slightly with water. Sweep and shovel into disposal drums. If spill area is on ground near trees or other valuable plants, remove top 5 cm (2 in.) of soil after initial clean-up.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

08-3032

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POISON

Calmix® is a registered trademark of Nufarm Agriculture Inc.

**GENERAL INFORMATION:**

**FOR USE ON NON-CROP LAND:**

Nufarm Calmix Pellets Weed Killer and Soil Sterilant is a general purpose weed killer and soil sterilant for long lasting control of grasses and weeds around farm buildings, fuel tanks, storage areas, road signs, guard rails, under pavement, tank farms, power installations, petroleum and gas production wellheads, and many other industrial and commercial areas.

Soil applied chemicals are relatively slow acting. Nufarm Calmix Pellets Weed Killer and Soil Sterilant may be applied during the growing season, but to prevent growth apply in fall or early spring. The rapidity and duration of effect will vary with the amount of chemical applied, soil type, environmental conditions and other factors.

Do not apply more than 4.5 kg per 100 sq. metres per year (45 grams per sq. metre).

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

May cause irritation of eyes, nose, throat and skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing.

Persons handling the product must wear coveralls over a long-sleeved shirt, long pants, shoes, socks, chemical-resistant gloves and protective eye wear (face shield or safety glasses). Rinse chemical resistant gloves before removal.

Workers must not handle more than 30 kg of Nufarm Calmix Pellets Weed Killer and Soil Sterilant per day (sufficient to treat 667 m<sup>2</sup>/day at the highest rate of 4.5 kg/100 m<sup>2</sup>).

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DO NOT apply within 1½ times the height of desirable trees, ornamentals or plants as the roots of these plants or trees may extend into treated area.

DO NOT apply on slopes where water erosion may carry the chemical onto areas of desirable vegetation.

DO NOT contaminate irrigation ditches or water used for domestic purposes.

DO NOT apply by hand.

### **OPERATOR USE PRECAUTIONS:**

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been heavily contaminated with this product.
- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

### **ENVIRONMENTAL HAZARDS:**

Toxic to small mammals, birds, aquatic organisms and terrestrial plants.

This product will harm broadleaved and grass plants in the vicinity of the treatment area.

Do not apply to exposed roots of trees and ornamentals.

**LEACHING:** The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

**RUNOFF:** To reduce runoff from treated areas into aquatic habitats avoid application to areas with moderate to steep slope, compacted soil, or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the treated area and the edge of the water body.

DO NOT apply to driveways, sidewalks or other hard surfaces.

DO NOT irrigate within 24 hours after application.

DO NOT apply within 1½ times the height of desirable trees, ornamentals or plants as the roots of these plants or trees may extend into treated area.

### **FIRST AID:**

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**STORAGE:**

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**DISPOSAL OF CONTAINER:**

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. 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.

**DECONTAMINATION:**

If container is damaged and/or contents spilled contact manufacturer for instructions. Keep out of irrigation ditches and water supplies. **DO NOT** flush affected area. Dampen spill slightly with water. Sweep and shovel into disposal drums. If spill area is on ground near trees or other valuable plants, remove top 5 cm (2 in.) of soil after initial clean-up.

**DIRECTIONS FOR USE:**

DO NOT make more than one application per year.

Spread dry, using Calmix Spreaders.

Annual Weeds and Perennial Seedlings: 2.5 kg per 100 sq. metres

Shallow-Rooted Perennials: 3.75 kg per 100 sq. metres

Heavy Perennial Growth: 4.5 kg per 100 sq. metres

**SPOT TREATMENT:** Apply 37.5 grams to 1 sq. metre.

**SPOT TREATMENT AROUND POWER POLES:** Treat 1.25 metres around each pole (approximately 5.0 sq. metres). Use 225 g per pole.

Apply at higher rate to heavier soils and/or to extend the growth control period. Repeat treatment when required.

Do not apply more than 4.5 kg per 100 sq. metres per year (45 grams per sq. metre).

DO NOT apply within 1½ times the height of desirable trees, ornamentals or plants as the roots of these plants or trees may extend into treated area.

DO NOT treat ditches and bridge approaches. Do not treat sites which are adjacent to and surrounding water supply reservoirs, supply streams, lakes and ponds and drinking water supply wellheads.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**DO NOT APPLY BY HAND.**

**DO NOT APPLY BY AIR**

**NOTICE TO USER:**

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08-3028

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