

2024-07-31  
2023-6808

GROUP	12	HERBICIDE
-------	----	-----------

AC 900001

Water Dispersible Granular Herbicide  
in Water-Soluble Bags

COMMERCIAL (AGRICULTURAL)

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND  
INTERIOR OF BRITISH COLUMBIA (INCLUDING PEACE RIVER REGION) ONLY

ACTIVE INGREDIENT: Picolinafen ... 75%

Warning, contains the allergen soy

REGISTRATION NO. 27291

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 4 x 267 g water-soluble bags

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY  
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT  
1-800-454-2673

CAUTION – SKIN IRRITANT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

DO NOT SELL SOLUBLE BAGS SEPARATELY

BASF Canada Inc.  
5025 Creebank Road  
Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

## **DIRECTIONS FOR USE** (Prairie Provinces and Peace River Region of British Columbia)

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 or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

AC 900001 Water Dispersible Granular Herbicide is a foliar applied, post-emergence herbicide for the control of broadleaf weeds in spring wheat, including durum, and barley.

Pre-harvest Interval: After 60 days spring wheat, including durum, and barley can be harvested.

Treated fields may be grazed or cut for forage or hay 30 days after application.

Apply AC 900001 Water Dispersible Granular Herbicide in a water volume of 100 L/ha at 275 pKa spray pressure using ground equipment only.

**DO NOT** apply to crops under-seeded to legumes.

**DO NOT** apply to crops that are stressed through disease, insect damage, frost, nutrient deficiencies, excessive moist or dry conditions, prolonged heat or cool temperatures.

**DO NOT APPLY BY AIR.**

**DO NOT** apply more than once per season.

**DO NOT** apply when rainfall is forecast for the next 48 hours.

## **BROADLEAF WEED CONTROL IN CEREALS**

Applications should be made to spring wheat (3-5 leaf stage), durum wheat (3-4 leaf stage) and barley (3-4 leaf stage) and after the weeds have emerged. For optimal broadleaf weed control and increased weed spectrum, AC 900001 Water Dispersible Granular Herbicide must be tank mixed with 2,4-D ester.

## **RATE OF APPLICATION**

AC 900001 Water Dispersible Granular Herbicide alone at 67 g/ha (50 g a.i./ha) will control:

Redroot pigweed (1-4 leaf stage)

In addition, AC 900001 Water Dispersible Granular Herbicide at 67 g/ha (50 g a.i./ha), suppresses and reduces competition from the following weed species:

Stinkweed (1-6 leaf stage)

Wild mustard (1-8 leaf stage)

At this rate, 1 water-soluble bag of AC 900001 Water Dispersible Granular Herbicide (267 g) will treat 4.0 hectares.

### **TANK MIXING**

Tank mixing with herbicides from a different group is recommended as a means of delaying the onset of weed resistance. AC 900001 Water Dispersible Granular Herbicide (Group 12) can be tank mixed with 2,4-D ester (Group 4) for control of additional broadleaf weeds.

### **BROADLEAF WEEDS**

AC 900001 Water Dispersible Granular Herbicide applied in combination with reduced rates of 2,4-D ester will control the following list of weeds. Follow all recommendations, precautions and restrictions on the 2,4-D ester label.

The combination of AC 900001 Water Dispersible Granular Herbicide (50 g a.i./ha) + reduced rates of 2,4-D ester (280 g a.i./ha) controls:

- Kochia (2-9 leaf stage)
- Redroot pigweed (1-4 leaf stage)
- Stinkweed (1-6 leaf stage)
- Lamb's-quarters (1-4 leaf stage)
- Wild mustard (1-8 leaf stage)
- Volunteer canola (1-4 leaf stage)

and suppresses and reduces competition from:

- Chickweed (1-8 leaf stage)
- Wild buckwheat (1-4 leaf stage)

### **Application Rate**

AC 900001 Water Dispersible Granular Herbicide at 67 g/ha (50 g a.i./ha) plus 2,4-D ester (280 g a.i./ha) at:

- 2,4-D ester LV 500: 596 mL/ha
- 2,4-D ester LV 600: 496 mL/ha
- 2,4-D ester LV 700: 424 mL/ha

### **WARNING**

Initial crop injury or leaf whitening may be observed after application of AC 900001 Water Dispersible Granular Herbicide alone or in tank mixes. This injury is transient in nature and should not affect yield.

Avoid overlapping of AC 900001 Water Dispersible Granular Herbicide alone or in tank mixes to reduce crop injury and the potential for yield reduction in durum wheat.

## **MIXING INSTRUCTIONS FOR AC 900001 HERBICIDE ALONE**

Use 100 L/ha of water. Use a 50-mesh (or coarser) filter screen. Fill the spray tank with three-quarters of the required amount of clean water, start agitation and continue agitation throughout the entire mixing and spraying procedure. Add the required amount of AC 900001 Water Dispersible Granular Herbicide soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least 10 minutes to dissolve the herbicide. Complete filling the tank to the desired level with water. If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again. Upon completion of spraying, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.

## **TANK MIXING INSTRUCTIONS**

When tank mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

### **Tank mixing with 2,4-D Ester**

Use 100 L/ha of water. Use a 50-mesh (or coarser) filter screen. Fill the spray tank with three-quarters of the required amount of clean water, start agitation and continue agitation throughout the entire mixing and spraying procedure. Add the required amount of AC 900001 Water Dispersible Granular Herbicide soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least 10 minutes to dissolve the herbicide. After the herbicide is dissolved, continue agitation and add the required amount of 2,4-D ester and continue agitation.

If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again. Upon completion of spraying, thoroughly flush tank, boom, hoses and in-line nozzle screens with clean water to avoid possible injury to other crops.

## **ENVIRONMENTAL PRECAUTIONS**

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

Avoid application when heavy rain is forecast.

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

Over-spray or drift to sensitive aquatic habitats should be avoided. A spray buffer zone of 32 metres is required between the downwind point of direct application and the closest edge of sensitive aquatic habitats ( such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

DO NOT apply during periods of dead calm or when winds are gusty.

When tank mixes are permitted, consult the labels of the tank mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

## **RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, AC 900001 Water Dispersible Granular Herbicide is a Group 12 herbicide. Any weed population may contain or develop plants naturally resistant to AC 900001 Water Dispersible Granular Herbicide and other Group 12 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 AC 900001 Water Dispersible Granular Herbicide or other Group 12 herbicides within a growing season (sequence) or among growing seasons 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. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- 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 and to report suspected resistance, contact BASF at 1-877-371-2273 or [www.agsolutions.ca](http://www.agsolutions.ca).

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN.**

May irritate skin.

Avoid contact with skin.

Wear a long sleeved shirt, long pants, chemical resistant gloves, dust or splash-proof goggles or face shield during mixing/loading/applying, clean-up and repair activities.

Wash thoroughly immediately after handling, or if contaminated.

Wash all protective clothing separately from normal laundry in detergent and hot water before reuse.

Avoid breathing vapour. Use with adequate ventilation.

Keep away from people, animals and ignition sources.

## **FIRST AID**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. 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 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.

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **STORAGE**

Store this product away from food or feed.

Store in a cool, dry place away from children, animals or fertilizers. Keep unused water-soluble bags in resealed original container. Keep packages dry at all times. Keep packages out of rain. Store above 5°C. Keep from freezing.

## **DISPOSAL**

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial/ territorial requirements.
3. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/ territorial regulatory agency. Contact the manufacturer and the provincial/ territorial regulatory agency in case of a spill, and for clean-up of spills.

**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.

AC 900001

Water Dispersible Granular Herbicide  
in Water-Soluble Bags

COMMERCIAL (AGRICULTURAL)

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND INTERIOR  
OF BRITISH COLUMBIA (INCLUDING THE PEACE RIVER REGION) ONLY

ACTIVE INGREDIENT: Picolinafen ... 75%

Warning, contains allergen soy

REGISTRATION NO. 27291

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 4 x 267 g water-soluble bags

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY  
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT  
1-800-454-2673

CAUTION – SKIN IRRITANT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

DO NOT SELL SOLUBLE BAGS SEPARATELY.

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN.**

May irritate skin.

Avoid contact with skin.

Wear a long sleeved shirt, long pants, chemical resistant gloves, dust or splash-proof goggles or face shield during mixing/loading/applying, clean-up and repair activities.

Wash thoroughly immediately after handling, or if contaminated.

Wash all protective clothing separately from normal laundry in detergent and hot water before reuse.

Avoid breathing vapour. Use with adequate ventilation.

Keep away from people, animals and ignition sources.

## **FIRST AID**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. 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 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.

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

**ENVIRONMENTAL PRECAUTIONS:** refer to attached booklet for more information.

## **STORAGE**

Store this product away from food or feed.

Store in a cool, dry place away from children, animals or fertilizers. Keep unused water-soluble bags in resealed original container. Keep packages dry at all times. Keep packages out of rain. Store above 5°C. Keep from freezing.

## **DISPOSAL**

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial/ territorial requirements.
3. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/ territorial regulatory agency. Contact the manufacturer and the provincial/ territorial regulatory agency in case of a spill, and for clean-up of spills

## **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.

AC 900001  
Water Dispersible Granular  
Herbicide  
in Water-Soluble Bags

ACTIVE INGREDIENT: Picolinafen ... 75%

Warning, contains the allergen soy

NET CONTENTS: 267 g water-soluble bag

CAUTION – SKIN IRRITANT

KEEP OUT OF REACH OF CHILDREN