PROWŁ® H₂O HERBICIDE

Microencapsulated Pendimethalin in an Aqueous Carrier

MICROCAPSULE SUSPENSION

COMMERCIAL (AGRICULTURAL)

(NOT FOR SALE FOR USE IN PRAIRIE PROVINCES, 
EXCEPT FOR DRY BULB ONIONS ON MINERAL SOILS)

GUARANTEE: Pendimethalin.................................455 g/L

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one, 
each at 0.0025%, as preservatives

REGISTRATION NO. 29542 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

KEEP OUT OF REACH OF CHILDREN

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

NET CONTENTS: 5 L – 1000 L, BULK

BASF Canada Inc.
100 Milverton Drive, 5 Floor
Mississauga, ON L5R 4H1
1-877-371-2273

PROWŁ® H₂O Herbicide is a registered trademark of BASF.
DIRECTIONS FOR USE

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.

**Field sprayer application**

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural and Biological Engineers (ASABE) medium classification.

**DO NOT** apply by air.

**Buffer zones**

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

<table>
<thead>
<tr>
<th>Method of application</th>
<th>Crop</th>
<th>Buffer zones (metres) required for the protection of:</th>
<th>Terrestrial habitat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Freshwater habitats of depths:</td>
<td>Estuarine/marine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Less than 1 m</td>
<td>1–3 m</td>
</tr>
<tr>
<td>Field sprayer*</td>
<td>Dry bulb onions (muck soils)</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>Field corn</td>
<td></td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Field sprayer*</td>
<td>Dry bulb onions (mineral soil - Western Canada)</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Field sprayer*</td>
<td>Dry bulb onions (mineral soil - Eastern Canada)</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

* For field sprayer application, buffer zones can be reduced with the use of drift-reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.
FIELD CORN

GENERAL INFORMATION

PROWL H₂O herbicide applied on corn will control certain annual grass and annual broadleaved weeds (see appropriate section under Application Directions for weeds controlled).

PROWL H₂O herbicide can be applied on corn alone as a pre-emergence treatment or in tank mix with atrazine, BANVEL II or MARKSMAN at pre-emergence or post-emergence timings. PROWL H₂O herbicide may also be applied as a post-emergence treatment in tank mix with Elim EP 25% DF, Elim EP 25% DF plus BANVEL II, or Accent 75 DF plus BANVEL II.

For burndown and residual control of selected annual weeds, PROWL H₂O herbicide may be tank mixed with Roundup®¹ or Touchdown® iQ™ Liquid Herbicide and applied after seeding but before crop emergence.

PROWL H₂O herbicide tank mixture treatments are most effective in controlling weeds when adequate rainfall is received within 7 days after application. If cultivation is necessary because of soil crusting, soil compaction, or weed germination before rain, use shallow tillage (such as rotary hoe), and make certain corn seeds are below the tilled area. After early post-emergence treatments, wait 7 to 10 days before cultivating. Annual grasses must be in the 2-leaf stage or smaller at the time of early post-emergence application. A shallow cultivation or rotary hoeing will generally result in improved weed control.

Read and follow the label of tank mix partner products regarding specific precautions, restrictions and application information.

SOIL CLASSIFICATIONS

Soil textures are classified as coarse, medium and fine. These terms are further defined as follows:

Coarse - sands, loamy sands, sandy loams
Medium - sandy clay loams, sandy clays, loams, silts, silt loams
Fine - silty clay loams, sandy clay loams, clay loams, silty clays, clays

¹ Roundup Original Liquid Herbicide, Roundup Transorb Liquid Herbicide, Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra2 Liquid Herbicide
PLANT BACK RESTRICTIONS AND ROTATIONAL CROPS

For PROWL H₂O herbicide tank mixtures, follow the cropping restrictions for the tank mix partner.

In the case of a crop failure, land treated with PROWL H₂O herbicide can be reseeded only with the original crop (corn), provided seeding depth is below the retilled layer. Crop injury will result if seed is planted in the retilled layer of soil which is treated with PROWL H₂O herbicide. **DO NOT** plant corn where land preparation prior to reseeding has incorporated the PROWL H₂O herbicide into the seed germination zone.

PROWL H₂O herbicide treated land may be planted to corn or soybeans in the year following application. Fall seeded crops (winter wheat, winter barley, winter rapeseed) should not be planted on land that was treated with PROWL H₂O herbicide the previous spring.

APPLICATIONS WITH LIQUID FERTILIZERS

Pre-emergence applications of PROWL H₂O herbicide alone and of PROWL H₂O herbicide plus atrazine, BANVEL II, or MARKSMAN can be applied in liquid fertilizers (rate of 200 litres of liquid fertilizer per hectare).

**DO NOT** apply PROWL H₂O herbicide post-emergence in liquid fertilizers. Apply post-emergence applications in water only.

Liquid Fertilizer Compatibility Determinations

If the liquid fertilizer/herbicide(s) mixture separates in the spray tank, clogged equipment and uneven application can result, which can cause poor weed control and crop injury. Always predetermine the compatibility of PROWL H₂O herbicide alone or with other herbicides in the specific liquid fertilizer to be used according to the following directions:

1. Add 0.5 L of fertilizer to a one-litre jar.
2. i) When using PROWL H₂O herbicide alone, add to the jar the correct amount of PROWL H₂O herbicide alone as specified in the following table.
   ii) When using PROWL H₂O herbicide tank mixtures, first add the specified quantity of product to be tank mixed with PROWL H₂O herbicide (see table), and then add the correct amount of PROWL H₂O herbicide.
3. Close the jar and shake thoroughly for 10 seconds. Let stand for 30 minutes and then observe the results. Look for signs of separation, an oily layer or globules, sludge, flakes or other precipitates.
4. Determine compatibility:
   i) If the herbicide(s) and liquid fertilizer mixture does not separate, use this mixture in your spray tank.
   ii) If the mixture separates, but mixes readily with shaking, the mixture can be used providing good agitation is maintained in the spray tank.
iii) If separation of the mixture occurs and agitation does not correct this problem, DO NOT use PROWL H₂O herbicide with that specific liquid fertilizer.

<table>
<thead>
<tr>
<th>Litres of Liquid Fertilizer to be Applied per Hectare</th>
<th>PROWL H₂O Herbicide Alone</th>
<th>Aatrex Liquid 480 or Aatrex Nine-0**</th>
<th>BANVEL II Herbicide</th>
<th>MARKSMAN Herbicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>9 mL</td>
<td>8 mL or 4 g</td>
<td>3 mL</td>
<td>11 mL</td>
</tr>
</tbody>
</table>

* Based on maximum use rate used in the label for each product.
** For atrazine with different concentration, adjust the rate accordingly

**RESTRICTIONS AND LIMITATIONS**

DO NOT apply PROWL H₂O herbicide more than once during a season.

DO NOT apply PROWL H₂O herbicide more than one year in sequence.

DO NOT apply VALOR® herbicide in the year following the application of PROWL H₂O herbicide.

DO NOT apply PROWL H₂O herbicide in the year following the application of VALOR herbicide.

DO NOT INCORPORATE OR SERIOUS CROP INJURY WILL RESULT.

DO NOT apply PROWL H₂O herbicide post-emergence in liquid fertilizers.

The application of PROWL H₂O herbicide is restricted to corn grown only in medium and fine texture soils with more than 3% organic matter.

DO NOT use on corn grown in peat or muck soils.

Unless otherwise specified, DO NOT add oils or surfactant to post-emergence applications.

The seed bed should be firm and free of clods and trash. Plant corn AT LEAST 4 cm deep to ensure good seed coverage.

PROWL H₂O herbicide controls certain annual grass and broadleaf weeds as they germinate, but will not control established weeds. Destroy existing weeds before applying PROWL H₂O herbicide (except as recommended in specific post-emergence combination treatments or when tankmixed with glyphosate and applied as a pre-emergence treatment). Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend germination over a long period of time can reduce weed control.

Applied according to label directions and under normal growing conditions, PROWL H₂O herbicide will not cause crop injury. Over-application can result in crop stand loss, crop injury, or soil residues. Uneven application can decrease weed control or cause crop injury.
Seedling diseases, cold weather, excessive moisture, deep planting, high soil pH, high soil salt concentration, or drought can weaken seedlings and plants and increase the possibility of crop damage from PROWL H₂O herbicide. Under these conditions, crop yields can be reduced.

DO NOT graze the treated immature corn or cut for silage prior to 100 days after PROWL H₂O herbicide application.

DO NOT apply to sweet corn or corn grown for seed.

APPLICATION DIRECTIONS

Uniformly apply with properly calibrated ground equipment using a minimum of 200 L water per hectare.

Use a properly calibrated low-pressure (138 kPa to 276 kPa) sprayer equipped with 80° or 110° flat fan nozzles to achieve uniform spray distribution and minimize drift. Keep the by-pass line on or near the bottom of the tank to minimize foaming. Nozzle screens must be no finer than 50 mesh.

A. PROWL H₂O Herbicide Alone

Application Timing
Pre-emergence - after planting, before weeds or crop emerges

Application Rate: 3.7 L/ha PROWL H₂O Herbicide

PROWL H₂O herbicide alone applied as directed will control the following weeds:

<table>
<thead>
<tr>
<th>Grasses</th>
<th>Broadleaf Weeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barnyard grass</td>
<td>Lamb's-quarters¹</td>
</tr>
<tr>
<td>Crabgrass (large and smooth)</td>
<td>Redroot pigweed² (suppression only)</td>
</tr>
<tr>
<td>Fall panicum</td>
<td></td>
</tr>
<tr>
<td>Green foxtail</td>
<td></td>
</tr>
</tbody>
</table>

¹ includes triazine-resistant biotypes

B. PROWL H₂O Herbicide plus Glyphosate (Roundup¹ or Touchdown iQ Liquid Herbicide)

For burndown and residual control of selected annual weeds, PROWL H₂O herbicide may be tank mixed at a rate of 3.7 L/ha with Roundup¹ or Touchdown iQ Liquid Herbicide and applied after seeding but before crop emergence.

Consult the glyphosate label for use rates and weeds controlled by glyphosate, as well as for further recommendations, precautions and restrictions.

¹ Roundup Original Liquid Herbicide, Roundup Transorb Liquid Herbicide, Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra2 Liquid Herbicide
C. PROWL H₂O Herbicide + ATRAZINE (Aatrex Liquid 480, Atrazine 480, Aatrex Nine-0, Atrazine 90WG or Atrazine 90WP Herbicide)

**Application Timing**
Pre-emergence - after planting, before weeds or crop emerges
Post-emergence - before the 2-leaf stage of annual grasses and up to and including the 4-leaf stage of corn

**Application Rate**

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>Aatrex Liquid 480 or Atrazine 480 Herbicide*</th>
<th>Aatrex Nine-0, Atrazine 90WG or Atrazine 90WP Herbicide*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-emergence</td>
<td>3.7 L/ha</td>
<td>3.1 L/ha</td>
<td>1.7 kg/ha</td>
</tr>
<tr>
<td>Post-emergence</td>
<td>3.7 L/ha</td>
<td>3.1 L/ha</td>
<td>1.7 kg/ha</td>
</tr>
</tbody>
</table>

* for atrazine with different concentration, adjust the rate accordingly

This tank mixture applied as directed will control the following weeds:

**Grasses**
- Barnyard grass
- Crabgrass (large and smooth)¹
- Fall panicum
- Green foxtail
- Yellow foxtail

**Broadleaf Weeds**
- Common ragweed
- Lamb's-quarters²
- Redroot pigweed²
- Smartweed
- Velvetleaf³

¹ pre-emergence application only
² includes triazine-resistant biotypes
³ early post-emergence application only up to the 3-leaf stage of corn

D. PROWL H₂O Herbicide + BANVEL II Herbicide

**Application Timing**
Pre-emergence - after planting, before weeds or crop emerge
Post-emergence - before the 2-leaf stage of annual grasses and up to the 4-leaf stage of corn
**Application Rate**

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>BANVEL II Herbicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-emergence</td>
<td>3.7 L/ha</td>
<td>1.25 L/ha</td>
</tr>
<tr>
<td>Post-emergence</td>
<td>3.7 L/ha</td>
<td>0.6 to 1.25 L/ha</td>
</tr>
</tbody>
</table>

This tank mixture applied as directed will control the following weeds:

- **Grasses**
  - Barnyard grass
  - Crabgrass (large and smooth)
  - Fall panicum
  - Green foxtail

- **Broadleaf Weeds**
  - Common ragweed
  - Lamb's-quarters
  - Redroot pigweed
  - Velvetleaf

1. post-emergence application provides partial control and reduces competition from this weed
2. pre-emergence application only
3. includes triazine-resistant biotypes

**Precaution**
DO NOT apply if temperature exceeds 25°C at application time.

---

**E. PROWL H₂O Herbicide + MARKSMAN Herbicide**

**Application Timing**
- Pre-emergence - after planting, before weeds or crop emerge
- Post-emergence - before the 2-leaf stage of annual grasses

**Application Rate**

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>MARKSMAN Herbicide*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-emergence</td>
<td>3.7 L/ha</td>
<td>3.7 to 4.5 L/ha</td>
</tr>
<tr>
<td>Post-emergence</td>
<td>3.7 L/ha</td>
<td>3.7 to 4.5 L/ha</td>
</tr>
</tbody>
</table>

* Consult the MARKSMAN label for rates, recommendations, precautions and restrictions.

This tank mixture applied as directed will control the following weeds:

- **Grasses**
  - Barnyard grass
  - Crabgrass (large and smooth)
  - Fall panicum
  - Green foxtail
  - Old witchgrass

- **Broadleaf weeds**
  - Common ragweed
  - Lamb's-quarters
  - Redroot pigweed
  - Velvetleaf

1. post-emergence application provides partial control and reduces competition from this weed
2. pre-emergence application only
3. includes triazine-resistant biotypes
4. pre-emergence application provides partial control and reduces competition from this weed
Precautions
1. DO NOT apply if temperature exceeds 25°C at application time.
2. DO NOT apply where drift may contact sensitive crops.

F. PROWL H₂O Herbicide + ELIM EP 25% DF Herbicide

Application Timing
Post-emergence - at the 1-4 leaf stage of annual grasses and from the spike to the 3-leaf stage of corn

Application Rate
Add a non-ionic surfactant at 0.2% v/v (2 L/1000 L) to the tank mix.

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>Elim EP 25% DF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-emergence</td>
<td>2.2 L/ha</td>
<td>50 g/ha</td>
</tr>
</tbody>
</table>

This tank mixture applied as directed will control the following weeds:

**Grasses**
- Barnyard grass
- Crabgrass (large and smooth)
- Fall panicum
- Green foxtail
- Old witchgrass
- Yellow foxtail

**Broadleaf Weeds**
- Lamb's-quarters\(^1,\(^2\)
- Redroot pigweed\(^1\)

\(^1\) includes triazine-resistant biotypes
\(^2\) provides partial control and reduces competition from this weed

G. PROWL H₂O Herbicide + ELIM EP 25% DF + BANVEL II

Application Timing
Post-emergence - at the 1-4 leaf stage of annual grasses, and from the spike to the 3-leaf stage of corn

Application Rate
Add a non-ionic surfactant at 0.2% v/v (2 L/1000 L) to the tank mix.

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>Elim EP 25% DF</th>
<th>BANVEL II Herbicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-emergence</td>
<td>2.2 L/ha</td>
<td>50 g/ha</td>
<td>625 mL/ha</td>
</tr>
</tbody>
</table>
This tank mixture applied as directed will control the following weeds:

**Grasses**
- Barnyard grass
- Crabgrass (large and smooth)
- Fall panicum
- Green foxtail
- Old witchgrass
- Yellow foxtail

**Broadleaf weeds**
- Canada thistle (top growth only)
- Corn spurry
- Cow cockle
- Eastern black nightshade
- Field bindweed
- Green smartweed
- Lady’s-thumb
- Lamb’s-quarters
- Ragweed (common)
- Redroot pigweed
- Perennial sow-thistle (top growth only)
- Tartary buckwheat
- Velvetleaf
- Wild buckwheat
- Wild mustard
- Wormseed mustard

1 includes triazine-resistant biotypes

H. PROWL H₂O Herbicide + ACCENT 75 DF + BANVEL II

**Application Timing**
Post-emergence - at the 1-4 leaf stage of annual grasses, and from the spike to the 3-leaf stage of corn

**Application Rate**
Add Agral 90 at 0.2% v/v (2 L/1000 L) to the tank mix.

<table>
<thead>
<tr>
<th>Timing</th>
<th>PROWL H₂O Herbicide</th>
<th>Accent 75 DF Herbicide</th>
<th>BANVEL II Herbicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-emergence</td>
<td>2.2 L/ha</td>
<td>16.7 g/ha</td>
<td>625 mL/ha</td>
</tr>
</tbody>
</table>

This tank mixture applied as directed will control the following weeds:

**Grasses**
- Barnyard grass
- Fall panicum
- Green foxtail
- Large crabgrass
- Old witchgrass
- Yellow foxtail

**Broadleaf weeds**
- Canada thistle (top growth only)
- Corn spurry
- Cow cockle
- Field bindweed
- Green smartweed
- Lady’s-thumb
- Lamb’s-quarters
- Ragweed (common)
- Redroot pigweed
- Perennial sow-thistle (top growth only)
- Tartary buckwheat

1 includes triazine-resistant biotypes
Velvetleaf  
Wild buckwheat  
Wild mustard  
Wormseed mustard

1 suppression only  
2 includes triazine-resistant biotypes

<table>
<thead>
<tr>
<th>PROWL H₂O Herbicide</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.6 L/ha</td>
<td>Loop stage of onion growth</td>
</tr>
<tr>
<td>6.6 L/ha</td>
<td>2-true-leaf stage of onion growth</td>
</tr>
</tbody>
</table>

Application at both growth stages is required for season-long control, however, note the precautions in the Follow Crop Rotation section. Sequential applications of other herbicides may be required for broad spectrum weed control. Consult the labels of the other herbicides for weeds controlled and proper time for application.

Precautions
1. DO NOT use PROWL H₂O herbicide on green (bunching) onions and on onions grown from sets.
2. Livestock cannot be fed pendimethalin treated onions.
CULTURAL PRACTICES FOLLOWING APPLICATION

Should weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control. When cultivating for any reason, it should be shallow.

In the case of a crop failure, land treated with PROWL H₂O herbicide can be reseeded only with the original crop (onions).

FOLLOW CROP RESTRICTIONS FOR ONIONS

Pendimethalin, the active ingredient in PROWL H₂O herbicide, has the potential to carry over and harm rotational crops following onions in muck soils.

1. ONLY onions may be planted in the year of PROWL H₂O herbicide application.
2. Carrots and direct seeded lettuce may be planted into soil which was treated with PROWL H₂O herbicide the previous year.

There is insufficient information to clearly define what additional rotational crops can be planted or what recropping intervals are appropriate. Recrop injury may be reduced by 1) using only one application per season (i.e., loop stage) and 2) ploughing treated land to a depth of 30 cm prior to planting other crops.

Do not plant any succeeding crops other than carrots or direct seeded lettuce within 12 months of the last PROWL H₂O herbicide application.

<table>
<thead>
<tr>
<th>Weeds</th>
<th>PROWL H₂O Rate</th>
<th>Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labelled annual grasses and broadleaf weeds</td>
<td>2.2 - 3.3 L/ha</td>
<td>Maximum of two applications per year. Apply as a foliar spray. Ground application only. Apply in 250 L water/ha. Apply at 2-6 true-leaf stage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weeds</th>
<th>PROWL H₂O Rate</th>
<th>Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green foxtail, redroot pigweed, lamb’s-quarters</td>
<td>2.42 L/ha</td>
<td>One application per year. Ground application only. Post-emergence application. Apply at the loop to the 2 true-leaf stage of onions. Apply in 250 L water/ha.</td>
</tr>
</tbody>
</table>
NEWLY PLANTED AND ESTABLISHED FRUIT TREES IN BRITISH COLUMBIA ONLY
(apple, peach, nectarine, cherry and apricot)

<table>
<thead>
<tr>
<th>Weeds</th>
<th>PROWL H₂O Rate</th>
<th>Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual grasses and labelled broadleaf weeds</td>
<td>3.7 L/ha</td>
<td>One application per year. Ground application. Boom sprayer. Apply pre-emergent to weed growth. <strong>For use in British Columbia only.</strong></td>
</tr>
</tbody>
</table>

**MIXING INSTRUCTIONS**

1. Fill tank one-half to three quarters full with clean water or liquid fertilizer and agitate. Prior to mixing **PROWL H₂O** or **PROWL H₂O** tank mixtures in liquid fertilizer, refer to appropriate label sections for recommended uses in liquid fertilizer, application instructions and compatibility determinations. **DO NOT** apply **PROWL H₂O** herbicide post-emergence in liquid fertilizers. Apply post-emergence applications in water only.

2. **PROWL H₂O** Herbicide Alone
   When using **PROWL H₂O** herbicide alone, add **PROWL H₂O** to the partially filled tank while agitating and then fill the remainder of the tank with water or liquid fertilizer.

3. **PROWL H₂O** Herbicide Tank Mixes
   When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions and grazing limitations 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.
   
   Add the tank mixture ingredients in the order listed below prior to adding **PROWL H₂O** herbicide:
   
   a) Wettable Powder, Dry Flowable or Water Dispersible Granule Formulations:
      When using water as your carrier, add the dry material to the partially filled tank while agitating. If applying with liquid fertilizer, first make a slurry of the dry material in water (1:2 ratio) before adding to liquid fertilizer in spray tank.
   
   b) LIQUID formulations:
      Add the liquid to the partially filled tank while agitating.
   
   c) Emulsifiable Concentrate formulations:
      Add the EC to the partially filled tank while agitating.
   
   d) Solution formulations:
      Add the solution to the partially filled tank while agitating.

After complete mixing, add **PROWL H₂O** herbicide to the partially filled tank while agitating.
When tank mixing ELIM EP 25% DF, ELIM EP 25% DF plus BANVEL II, or ACCENT 75 DF plus BANVEL II, ensure that the tank mix is well mixed and in suspension, then add a recommended non-ionic surfactant such as CITOWETT® PLUS, AGRAL® or AG-SURF® to the tank mix.

Fill the remainder of the tank with water or liquid fertilizer while agitating.

4. MAINTAIN CONTINUOUS AGITATION WHILE ADDING HERBICIDES AND UNTIL SPRAYING IS COMPLETE. If the spray mixture is allowed to settle for any period of time, thorough agitation is essential to re-suspend the mixture before spraying is resumed.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, PROWL H₂O herbicide is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to PROWL H₂O and other Group 3 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 PROWL H₂O herbicide or other Group 3 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 BASF at 1-877-371-2273 or www.agsolutions.ca.

PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN.

2. DO NOT APPLY BY AIR.
3. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

4. Wear long sleeved shirt, long pants, gloves and shoes plus socks when mixing, loading and during clean up and repair. Wear long sleeved shirt, long pants, and shoe plus socks during application.

5. Wash thoroughly after handling and before eating, drinking or smoking.

6. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.

7. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

8. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

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.

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

The patient should be treated symptomatically.
ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

STORAGE

Do not contaminate water, food or feed by storage.

PROWL H₂O herbicide freezes around -9°C and is stable under conditions of freezing and thawing. If this product has been stored where freezing temperatures have occurred, agitate or mix contents of container well before use.

DISPOSAL / DECONTAMINATION

Recyclable Containers
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.

Returnable Containers
Do not reuse this container for any purpose. For disposal, this empty container may be returned to point of purchase (distributor/dealer).

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 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.

BANVEL®, MARKSMAN® and VALOR® are registered trademarks of BASF.

TM/® All other products listed are registered trademarks of their respective companies.
PROWL® H₂O HERBICIDE

Microencapsulated Pendimethalin in an Aqueous Carrier

MICROCAPSULE SUSPENSION

COMMERCIAL (AGRICULTURAL)

(NOT FOR SALE FOR USE IN PRAIRIE PROVINCES, EXCEPT FOR DRY BULB ONIONS ON MINERAL SOILS)

GUARANTEE: Pendimethalin...........................................455 g/L

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one, each at 0.0025%, as preservatives

REGISTRATION NO. 29542 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

KEEP OUT OF REACH OF CHILDREN

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

NET CONTENTS: 5 L – 1000 L, BULK

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, ON L5R 4H1
1-877-371-2273

PROWL® H₂O Herbicide is a registered trademark of BASF.
PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN.

2. DO NOT APPLY BY AIR.

3. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

4. Wear long sleeved shirt, long pants, gloves and shoes plus socks when mixing, loading and during clean up and repair. Wear long sleeved shirt, long pants, and shoe plus socks during application.

5. Wash thoroughly after handling and before eating, drinking or smoking.

7. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.

7. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

8. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

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 website at www.croplife.ca.

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

The patient should be treated symptomatically.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

STORAGE

Do not contaminate water, food or feed by storage.

PROWL H₂O herbicide freezes around -9°C and is stable under conditions of freezing and thawing. If this product has been stored where freezing temperatures have occurred, agitate or mix contents of container well before use.

DISPOSAL / DECONTAMINATION

Recyclable Containers
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.

Returnable Containers
Do not reuse this container for any purpose. For disposal, this empty container may be returned to point of purchase (distributor/dealer).

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 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.