emulsifiable concentrate
contains pendimethalin

AGRICULTURAL

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

GUARANTEE: pendimethalin ... 400 g/L

REGISTRATION No. 23439 PEST CONTROL PRODUCTS ACT

WARNING: EYE IRRITANT

CAUTION POISON

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

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

NET CONTENTS: 1 L – 1000 L, Bulk

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1

1-877-371-2273

PROWL® 400 EC Herbicide is a registered trademark of BASF.
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PROWL® 400 EC

HERBICIDE

emulsifiable concentrate

Active ingredient: pendimethalin - 400 g/L

FOR CONTROL OF CERTAIN ANNUAL GRASS AND BROADLEAF WEEDS IN DRY BULB ONIONS (DIRECT SEEDED ONLY), FIELD CORN AND NEWLY PLANTED AND ESTABLISHED FRUIT TREES (IN BRITISH COLUMBIA ONLY)

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 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

Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

DO NOT APPLY BY AIR.

Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation.
Do not get in eyes or on clothing. Wear goggles or face shield during mixing or loading.

Avoid contact with skin. Wear chemical resistant gloves (such as nitrile) and long sleeved coveralls during mixing, loading, clean up, repair and application.

Avoid breathing spray mist. Use with adequate ventilation.

Users should wash hands and skin thoroughly with soap and water before eating, drinking, chewing gum and when using tobacco or the toilet.

It is recommended that this product not be applied in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area during application.

Remove personal protective equipment and contaminated clothing immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash hands (or any other skin that came into contact with the product) with soap and water and change into clean clothing.

Remove clothing/personal protective equipment immediately if pesticide comes in contact with the skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing. Store and wash contaminated clothing (separately from household laundry) before reuse.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. DO NOT reuse them.

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.

ENVIRONMENTAL HAZARDS

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

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

STORAGE

DO NOT STORE BELOW 4°C. Extended storage at temperatures below 4°C can result in the formation of crystals on the bottom of the container. If crystallization does occur, store the container on its side at room temperature (21°C) and rock occasionally until crystals re-dissolve. DO NOT store near food or feed products.
DISPOSAL

Recyclable Container
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 the 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 cleanup of spills.

Refillable Container
For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose. For information on the 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.

DIRECTIONS FOR USE

SPECIAL PRECAUTIONS

PROWL 400 EC herbicide controls certain annual grass and broadleaf weeds as they germinate, but will not control established weeds. Destroy existing weeds before applying PROWL 400 EC 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 400 EC 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 400 EC 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 400 EC herbicide application.

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

DO NOT apply PROWL 400 EC herbicide to corn grown on coarse textured soils or soils with less than 3% organic matter.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

DO NOT apply this product directly to freshwater habitats and wildlife habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, shelterbelts, woodlots, vegetation surrounding water bodies and field edges, reservoirs and wetlands), or to estuarine/marine habitats.

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

SPRAYING INSTRUCTIONS

Apply using only ground operated boom sprayers. DO NOT apply when weather conditions favour drift from the target area.

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.

SPRAY DRIFT MANAGEMENT FOR GROUND APPLICATION

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 Engineers (ASAE) 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, rangelands, 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.
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.

**RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, PROWL 400 EC herbicide is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to PROWL 400 EC herbicide 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 400 EC 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.

CORN - FIELD

PROWL 400 EC herbicide applied on corn will control certain annual grass and annual broadleaved weeds (see appropriate listing for weeds controlled).

PROWL 400 EC herbicide can be applied on corn alone as a pre-emergence treatment or in tank mixture with either atrazine, BANVEL or BANVEL II, or MARKSMAN at pre-emergence or post-emergence timings. PROWL 400 EC herbicide can be applied in a tank mix with ELIM EP 25% DF, ELIM EP 25% DF plus BANVEL or BANVEL II, or ACCENT 75 DF plus BANVEL or BANVEL II at post-emergence timing only.

For burndown and residual control of selected annual weeds, PROWL 400 EC herbicide may be tank mixed with Roundup® or Touchdown® iQ™ Liquid Herbicide and applied after seeding but before crop emergence.

DO NOT apply PROWL 400 EC herbicide more than one year in sequence. DO NOT apply VALOR® herbicide in the year following the application of PROWL 400 EC herbicide. DO NOT apply PROWL 400 EC herbicide in the year following the application of VALOR herbicide.

DO NOT INCORPORATE

Refer to specific sections of the label for directions for each method of application.

¹ Roundup Original Liquid Herbicide, Roundup Transorb Liquid Herbicide, Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra2 Liquid Herbicide

GENERAL INSTRUCTIONS

The application of PROWL 400 EC herbicide is restricted to corn grown only in medium and fine texture soils with more than 3% organic matter.

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 400 EC 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 tankmix 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

For PROWL 400 EC herbicide tank-mixtures follow the cropping restrictions for the tank mix partner.

In the case of a crop failure land treated with PROWL 400 EC 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 400 EC herbicide.

(i) DO NOT plant corn where land preparation prior to reseeding has incorporated the PROWL 400 EC herbicide into the seed germination zone.

(ii) Restrictions given on the label of the tank-mix partner product must be followed.

APPLICATIONS WITH LIQUID FERTILIZERS

GENERAL

Pre-emergence applications of PROWL 400 EC herbicide alone and of PROWL 400 EC herbicide plus atrazine or BANVEL can be applied in liquid fertilizers (rate of 200 Litres of liquid fertilizer per hectare). Follow all PROWL 400 EC herbicide label recommendations regarding registered crops, rates per hectare, timing of application, special instructions and precautions. Read and follow the label of the tank-mix partner product regarding specific precautions, restrictions and application information. DO NOT apply PROWL 400 EC herbicide post-emergence in liquid fertilizers.

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 400 EC 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 400 EC herbicide alone, add to the jar the correct amount of PROWL 400 EC herbicide alone as specified in the following table.
   
   (ii) When using PROWL 400 EC herbicide tank-mixtures, first add the specified quantity of product to be tank-mixed with PROWL 400 EC herbicide (see table), and then add the correct amount of PROWL 400 EC 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 400 EC herbicide with that specific liquid fertilizer.

| Amount of Specified Herbicide to be Added to 0.5 L of Liquid Fertilizer Solution* |
|-----------------------------------------------|----------------|----------------|----------------|
| Litres of Liquid Fertilizer to be Applied per Hectare | PROWL 400 EC herbicide alone | ATRAZINE 90 WP or 90 WG | BANVEL or BANVEL II |
| 200 | 10 mL | 4 g | 3 mL |

* Based on maximum use rate used in the label for each product.

(a) PROWL 400 EC herbicide alone

APPLICATION TIMING
   A) Pre-emergence (after planting, before weeds or crop emerges)

PROWL 400 EC herbicide alone will control:

Grasses:  
- Green foxtail
- Fall panicum
- Barnyard grass
- Crabgrass

Broadleaf weeds:
- Lamb's-quarters*
- Redroot pigweed* (Suppression only)

* Also includes triazine-resistant biotypes.

Uniformly apply PROWL 400 EC herbicide in 220 litres or more water per hectare by ground equipment.

APPLICATION RATE: 4.2 L/ha PROWL 400 EC Herbicide

PRECAUTIONS
1. DO NOT INCORPORATE or serious corn injury will result.
2. DO NOT USE on corn grown in peat or muck soils.
3. DO NOT apply more than once during a season.
(b) PROWL 400 EC herbicide plus glyphosate (Roundup\textsuperscript{1} or Touchdown iQ Liquid Herbicide)

For burndown and residual control of selected annual weeds, PROWL 400 EC herbicide may be tank mixed at a rate of 4.2 L/ha with Roundup\textsuperscript{1} 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.

PRECAUTIONS
1. DO NOT INCORPORATE or serious corn injury will result.
2. DO NOT USE on corn grown in peat or muck soils.
3. DO NOT apply more than once during a season.

\textsuperscript{1} Roundup Original Liquid Herbicide, Roundup Transorb Liquid Herbicide, Roundup WeatherMax with Transorb 2 Technology Liquid Herbicide or Roundup Ultra2 Liquid Herbicide

(c) PROWL 400 EC herbicide plus ATRAZINE (90 WP or 90 WG)

APPLICATION TIMING
A) Pre-emergence (after planting, before weeds or crop emerges)
B) Post-emergence (before the 2-leaf stage of annual grasses and up to and including the 4-leaf stage of corn).

This tank mixture will control:

Grasses: Broadleaf weeds:
Green foxtail \hspace{1cm} Lamb's-quarters*
Yellow foxtail \hspace{1cm} Redroot pigweed*
Fall panicum \hspace{1cm} Common ragweed
Barnyard grass \hspace{1cm} Smartweed

* Also includes triazine-resistant biotypes.
* Early post-emergence application only up to the 3-leaf stage of corn.

Uniformly apply PROWL 400 EC herbicide plus atrazine tank mixtures in 220 litres or more water per hectare by ground equipment.

APPLICATION RATE:

\[
\text{PROWL 400 EC HERBICIDE} \quad + \quad \text{ATRAZINE 90 WP or 90 WG} \\
4.2 \text{ L/ha} \quad + \quad 1.7 \text{ kg/ha}
\]
PRECAUTIONS
1. DO NOT INCORPORATE or serious corn injury will result.
2. Early post-emergence application must be made before the 2-leaf stage of annual grasses and not beyond the 4th leaf stage of corn.
3. DO NOT USE on corn grown in peat or muck soils.
4. DO NOT apply more than once during a season.
5. Follow rotational cropping restrictions on atrazine labels.
   Observe all instructions, precautions and limitations on atrazine labels.
6. DO NOT add oils or surfactants to post-emergence applications.
7. Apply post-emergence applications in water only.

(d) PROWL 400 EC herbicide plus dicamba (BANVEL or BANVEL II)

APPLICATION TIMING
(A) Pre-emergence - (After planting, before weeds or crop emerge)
(B) Post-emergence - (Before the 2 leaf stage of annual grasses and up to the 4 leaf stage of corn).

This tank mixture will control:

Grasses: Broadleaf weeds:
  Green foxtail  Lamb's-quarters*
  Barnyard grass**  Redroot pigweed*
                   Velvetleaf
                   Common ragweed

* Also includes triazine-resistant biotypes.
** Provides partial control and reduces competition from this weed.

APPLICATION RATE:

PROWL 400 EC HERBICIDE  +  BANVEL or BANVEL II

<table>
<thead>
<tr>
<th></th>
<th>PROWL 400 EC HERBICIDE</th>
<th>BANVEL or BANVEL II</th>
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<tbody>
<tr>
<td>Pre-emergence</td>
<td>4.2 L/ha</td>
<td>1.25 L/ha</td>
</tr>
<tr>
<td>Post-emergence</td>
<td>4.2 L/ha</td>
<td>0.6 to 1.25 L/ha</td>
</tr>
</tbody>
</table>

PRECAUTIONS:
1. DO NOT INCORPORATE as serious corn injury will result.
2. DO NOT add oil or surfactant to post-emergence applications.
3. DO NOT apply if temperature exceeds 25°C at application time.
4. DO NOT apply on coarse textured soils.
5. DO NOT apply more than once per season.
6. Early post-emergence applications must be made prior to the 2 leaf stage of annual grasses.
7. DO NOT use on corn grown in peat or muck soils.
8. Apply post-emergence applications in water only.
(e) PROWL 400 EC herbicide plus dicamba/atrazine (MARKSMAN 401 g/L)

APPLICATION TIMING
(A) Pre-emergence - (After planting, before weeds or crop emerge)
(B) Post-emergence - (Before the 2-leaf stage of annual grasses)

This tank mixture will control:

Grasses: Broadleaf weeds:
Old witchgrass  Lamb's-quarters*
Green foxtail  Redroot pigweed
Barnyard grass*  Velvetleaf**
Crabgrass*  Common ragweed

* Post-emergence application provides partial control and reduces competition from this weed.
** Pre-emergence application provides partial control and reduces competition from this weed.

APPLICATION RATE:

\[
\begin{align*}
\text{PROWL 400 EC HERBICIDE} & + \quad \text{MARKSMAN 401 g/L*} \\
\text{Pre-emergence} & \quad 4.2 \text{ L/ha} \quad 3.7 \text{ to } 4.5 \text{ L/ha} \\
\text{Post-emergence} & \quad 4.2 \text{ L/ha} \quad 3.7 \text{ to } 4.5 \text{ L/ha}
\end{align*}
\]

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

PRECAUTIONS:
1. Follow all instructions, precautions and restrictions on the MARKSMAN label.
2. DO NOT INCORPORATE as serious corn injury will result.
3. DO NOT add oil or surfactant to post-emergence applications.
4. DO NOT apply if temperature exceeds 25ºC at application time.
5. DO NOT apply where drift may contact sensitive crops.
6. DO NOT use on corn grown in peat or muck soils.
7. Apply post-emergence applications in water only.

(f) PROWL 400 EC herbicide plus rimsulfuron (ELIM EP 25% DF)

APPLICATION TIMING
(A) Post-emergence - (At the 1-4 leaf stage of annual grasses and from the spike to the 3 leaf stage of corn.)

This tank mixture will control:

Grasses: Broadleaf weeds:
Green foxtail  Lamb's-quarters*/**
Yellow foxtail  Redroot pigweed*
Barnyard grass  
Crabgrass  
Fall panicum  
Old witchgrass
* Also included triazine-resistant biotypes.
** Provides partial control and reduces competition from this weed.

APPLICATION RATE:

<table>
<thead>
<tr>
<th>PROWL 400 EC HERBICIDE</th>
<th>+</th>
<th>ELIM EP 25% DF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-emergence</td>
<td>2.5 L/ha</td>
<td>50 g/ha</td>
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</tbody>
</table>

PRECAUTIONS:
1. Follow all instructions, precautions and restrictions on the ELIM EP 25% DF label.
2. DO NOT INCORPORATE as serious corn injury will result.
3. **Use a non-ionic surfactant at 0.2% v/v (2 L/1000L) in tankmixes with PROWL 400 EC herbicide + ELIM EP 25% DF.**
4. DO NOT apply on coarse textured soils.
5. DO NOT apply more than once per season.
6. DO NOT use on corn grown in peat or muck soils.
7. DO NOT use liquid fertilizers.

(g) **PROWL 400 EC herbicide plus rimsulfuron (ELIM EP 25% DF ) plus dicamba (BANVEL or BANVEL II)**

APPLICATION TIMING
(A) Post-emergence - (At the 1-4 leaf stage of annual grasses, and from the spike to the 3 leaf stage of corn.)

This tank mixture will control:

<table>
<thead>
<tr>
<th>Grasses:</th>
<th>Broadleaf weeds:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green foxtail</td>
<td>Canada thistle (top growth only)</td>
</tr>
<tr>
<td>Yellow foxtail</td>
<td>Corn spurry</td>
</tr>
<tr>
<td>Barnyard grass</td>
<td>Cow cockle</td>
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<td>Crabgrass</td>
<td>Eastern black nightshade</td>
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<td>Fall panicum</td>
<td>Field bindweed</td>
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<td>Old witchgrass</td>
<td>Green smartweed</td>
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<td></td>
<td>Lady’s-thumb</td>
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<td></td>
<td>Lamb’s-quarters*</td>
</tr>
<tr>
<td></td>
<td>Ragweed (common)</td>
</tr>
<tr>
<td></td>
<td>Redroot pigweed</td>
</tr>
<tr>
<td></td>
<td>Perennial sow-thistle (top growth only)</td>
</tr>
<tr>
<td></td>
<td>Tartary buckwheat</td>
</tr>
<tr>
<td></td>
<td>Velvetleaf</td>
</tr>
<tr>
<td></td>
<td>Wild buckwheat</td>
</tr>
<tr>
<td></td>
<td>Wild mustard</td>
</tr>
<tr>
<td></td>
<td>Wormseed mustard</td>
</tr>
</tbody>
</table>

* Also included triazine-resistant biotypes.
APPLICATION RATE:

PROWL 400 EC HERBICIDE + ELIM EP 25% DF + BANVEL or BANVEL II

Post-emergence 2.5 L/ha 50 g/ha 625 mL/ha

PRECAUTIONS:
1. Follow all instructions, precautions and restrictions on the ELIM EP 25% DF and BANVEL labels.
2. DO NOT INCORPORATE as serious corn injury will result.
3. **Add a non-ionic surfactant at 0.2% v/v (2 L/1000L) to tankmix.**
4. DO NOT apply on coarse textured soils.
5. DO NOT apply more than once per season.
6. DO NOT use on corn grown in peat or muck soils.
7. Apply post-emergence applications in water only.
8. DO NOT use liquid fertilizers.

(h) PROWL 400 EC herbicide plus nicosulfuron (ACCENT 75 DF) plus dicamba (BANVEL or BANVEL II)

APPLICATION TIMING
(A) Post-emergence - (At the 1-4 leaf stage of annual grasses, and from the spike to the 3 leaf stage of corn.)

This tank mixture will control:

<table>
<thead>
<tr>
<th>Grasses:</th>
<th>Broadleaf weeds:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green foxtail</td>
<td>Canada thistle (top growth only)</td>
</tr>
<tr>
<td>Yellow foxtail**</td>
<td>Corn spurry</td>
</tr>
<tr>
<td>Barnyard grass</td>
<td>Cow cockle</td>
</tr>
<tr>
<td>Large crabgrass**</td>
<td>Field bindweed</td>
</tr>
<tr>
<td>Fall panicum</td>
<td>Green smartweed</td>
</tr>
<tr>
<td>Old witchgrass</td>
<td>Lady’s-thumb</td>
</tr>
<tr>
<td></td>
<td>Lamb’s-quarters*</td>
</tr>
<tr>
<td></td>
<td>Ragweed (common)</td>
</tr>
<tr>
<td></td>
<td>Redroot pigweed</td>
</tr>
<tr>
<td></td>
<td>Perennial Sow-thistle (top growth only)</td>
</tr>
<tr>
<td></td>
<td>Tartary buckwheat</td>
</tr>
<tr>
<td></td>
<td>Velvetleaf</td>
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<td></td>
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<td></td>
<td>Wild mustard</td>
</tr>
<tr>
<td></td>
<td>Wormseed mustard</td>
</tr>
</tbody>
</table>

* Also included triazine-resistant biotypes.
** Suppression only
APPLICATION RATE:

PROWL 400 EC HERBICIDE  +  ACCENT 75 DF  +  BANVEL or BANVEL II

Post-emergence  2.5 L/ha  16.7 g/ha  625 mL/ha

PRECAUTIONS:
1. Follow all instructions, precautions and restrictions on the ACCENT 75 DF and BANVEL labels.
2. DO NOT INCORPORATE as serious corn injury will result.
3. **Add Agral 90 at 0.2% v/v (2 L/1000L) to tankmix.**
4. DO NOT apply on coarse textured soils.
5. DO NOT apply more than once per season.
6. DO NOT use on corn grown in peat or muck soils.
7. Apply post-emergence applications in water only.
8. DO NOT use liquid fertilizers.

(i) **PROWL 400 EC herbicide plus flumetsulam/clopyralid (FIELDSTAR)**

APPLICATION TIMING
(A) Pre-emergence - (After planting, before weeds or crop emerge.)

This tank mixture will control:

<table>
<thead>
<tr>
<th>Grasses:</th>
<th>Broadleaf weeds:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green foxtail</td>
<td>Lamb's-quarters*</td>
</tr>
<tr>
<td>Barnyard grass</td>
<td>Redroot pigweed*</td>
</tr>
<tr>
<td>Fall panicum</td>
<td>Cocklebur</td>
</tr>
<tr>
<td></td>
<td>Common chickweed</td>
</tr>
<tr>
<td></td>
<td>Common ragweed</td>
</tr>
<tr>
<td></td>
<td>Eastern black nightshade</td>
</tr>
<tr>
<td></td>
<td>Lady’s thumb</td>
</tr>
<tr>
<td></td>
<td>Velvetleaf</td>
</tr>
<tr>
<td></td>
<td>Wild mustard</td>
</tr>
<tr>
<td></td>
<td>Wormseed mustard</td>
</tr>
</tbody>
</table>

* Also included triazine-resistant biotypes.

APPLICATION RATE:

PROWL 400 EC HERBICIDE  +  FIELDSTAR

Pre-emergence  4.2 L/ha  216 g/ha

PRECAUTIONS:
1. Follow all instructions, precautions and restrictions on the FIELDSTAR label.
2. DO NOT INCORPORATE as serious corn injury will result.
3. DO NOT apply on coarse textured soils.
4. DO NOT apply more than once per season.
5. DO NOT use on corn grown in peat or muck soils.
6. DO NOT use liquid fertilizers.
MIXING INSTRUCTIONS FOR CORN

Respective sections of this leaflet define those recommended PROWL 400 EC herbicide tank mixtures registered for application in water:

Step 1
Fill tank one-half to three quarters full with clean water and agitate.

Step II
Prior to adding PROWL 400 EC herbicide, add the tank-mix ingredients in the order listed below:

i) WETTABLE POWDER formulations:
   Make a slurry of the wettable powder in water (1 part WP 2 parts water). Add the slurry slowly into the partially-filled tank while agitating.

ii) DRY FLOWABLE/WATER DISPERSIBLE GRANULE formulations:
    Add the granules to the partially filled tank while agitating.

iii) LIQUID formulations:
     Add the liquid to the partially filled tank while agitating.

iv) EMULSIFIABLE CONCENTRATE formulations:
    Add the EC to the partially filled tank while agitating.

v) SOLUTION formulations:
   Add the solution to the partially filled tank while agitating.

Step III
After complete mixing, add PROWL 400 EC herbicide to the tank.

Step IV
When tankmixing ELIM EP 25% DF, ELIM EP 25% DF plus BANVEL or BANVEL II, or ACCENT 75 DF plus BANVEL or BANVEL II, ensure that the tankmix is well mixed and in suspension, then add a recommended non-ionic surfactant such as CITOWETT® PLUS, AGRAL® or AG-SURF® to the tankmix.

Step V
Fill the remainder of the tank with water while agitating.

Step VI
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. Continue agitation while spraying.
FOLLOW CROP RESTRICTIONS

1. PROWL 400 EC herbicide treated land may be planted to corn or soybeans in the year following application. Refer to the labels of the tank-mix partner for rotational cropping restrictions.

2. DO NOT plant any crop other than corn in the year of application. Fall seeded crops (winter wheat, winter barley, winter rapeseed) should not be planted on PROWL 400 EC herbicide treated land applied the previous spring.

DRY BULB ONIONS (Direct seeded only)

Post-emergence application
PROWL 400 EC herbicide can be applied at the loop and 2 true leaf stage of crop development. Uniformly apply the recommended rate of PROWL 400 EC herbicide in 250 or more litres of water per hectare by ground equipment. PROWL 400 EC herbicide treatments will NOT control emerged weeds. Destroy existing weeds before applying PROWL 400 EC herbicide. PROWL 400 EC herbicide treatments are most effective in controlling weeds when adequate rainfall or overhead irrigation is received within seven (7) days after application.

Weed Species Controlled
The following grass and broadleaf weeds species are controlled by PROWL 400 EC herbicide at the rates recommended:

- Barnyard grass (*Echinochloa crus-galli*)
- Crabgrass (*Digitaria spp*)
- Green Foxtail (*Setaria viridis*)
- Yellow Foxtail (*Setaria glauca*)
- Common Chickweed (*Stellaria media*)
- Lamb's-Quarters (*Chenopodium album*)
- Pigweed* (*Amaranthus spp*)

* Also includes triazine-resistant biotypes.

APPLICATION RATES

<table>
<thead>
<tr>
<th>TIMING</th>
<th>AMOUNT OF PROWL 400 EC HERBICIDE PER HECTARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loop stage of onion growth</td>
<td>7.5 litres</td>
</tr>
<tr>
<td>2 true leaf stage of onion growth</td>
<td>7.5 litres</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 400 EC herbicide on green (bunching) onions and on onions
grown from sets.
2. Livestock cannot be fed pendimethalin treated onions.

MIXING INSTRUCTIONS FOR ONIONS

Step I  Fill tank one-half to three quarters full with clean water and agitate.
Step II  Add PROWL 400 EC herbicide to the partially-filled tank while agitating.
Step III Fill the remainder of the tank with water while agitating.
Step IV  MAINTAIN CONTINUOUS AGITATION 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. Continue
agitation while spraying.

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 400 EC herbicide can be reseeded
only with the original crop (onions).

FOLLOW CROP RESTRICTIONS FOR ONIONS

Pendimethalin, the active ingredient in PROWL 400 EC 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 400 EC herbicide
   application.
2. Carrots and direct seeded lettuce may be planted into soil which was treated with
   PROWL 400 EC 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 400 EC herbicide application.

**DRY BULB ONIONS ON MINERAL SOILS IN EASTERN CANADA**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry bulb onions on mineral soils</td>
<td>Labelled annual grasses and broadleaf weeds</td>
<td>2.5 - 3.75 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>

**DRY BULB ONIONS ON MINERAL SOILS IN WESTERN CANADA**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry bulb onions on mineral soils</td>
<td>Green foxtail, redroot pigweed, lamb's-quarters</td>
<td>2.75 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)**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newly planted and established apple, peach, nectarine, cherry and apricot trees</td>
<td>Annual grasses and labelled broadleaf weeds</td>
<td>4.2 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>

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\(^{TM/®}\) All other products mentioned are trademarks or registered trademarks of their respective companies.
emulsifiable concentrate
contains pendimethalin

AGRICULTURAL

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

GUARANTEE: pendimethalin ... 400 g/L

REGISTRATION No. 23439 PEST CONTROL PRODUCTS ACT

WARNING: EYE IRRITANT

CAUTION POISON

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

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

NET CONTENTS: 9.5 Litres

BASF Canada Inc.
100 Milverton Drive
5th Floor
Mississauga, Ontario
L5R 4H1

1-877-371-2273

PROWL® 400 EC Herbicide is a registered trademark of BASF.
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 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

Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

DO NOT APPLY BY AIR.

Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation.

Do not get in eyes or on clothing. Wear goggles or face shield during mixing or loading.

Avoid contact with skin. Wear chemical resistant gloves (such as nitrile) and long sleeved coveralls during mixing, loading, clean up, repair and application.

Avoid breathing spray mist. Use with adequate ventilation.

Users should wash hands and skin thoroughly with soap and water before eating, drinking, chewing gum and when using tobacco or the toilet.

It is recommended that this product not be applied in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area during application.
Remove personal protective equipment and contaminated clothing immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash hands (or any other skin that came into contact with the product) with soap and water and change into clean clothing.

Remove clothing/personal protective equipment immediately if pesticide comes in contact with the skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing. Store and wash contaminated clothing (separately from household laundry) before reuse.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. DO NOT reuse them.

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.

ENVIRONMENTAL HAZARDS

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

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

STORAGE

DO NOT STORE BELOW 4°C. Extended storage at temperatures below 4°C can result in the formation of crystals on the bottom of the container. If crystallization does occur, store the container on its side at room temperature (21°C) and rock occasionally until crystals re-dissolve. DO NOT store near food or feed products.

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 the 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 cleanup 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.