



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 21, 2019

Craig Kleppe
Product Registration Manager
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

Subject: PRIA Label Amendment – New Use on Celery, Monarda, and Rosemary
Product Name: PROWL H2O HERBICIDE
EPA Registration Number: 241-418
Application Date: 7/9/2018
Decision Number: 543108

Dear Mr. Kleppe:

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec 3 (c)(5). You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Sarah Meadows by phone at 703-347-0505, or via email at meadows.sarah@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Kenny', with a long horizontal flourish extending to the right.

Daniel Kenny, Chief
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

Supplemental Label

Prowl[®] H2O

Herbicide

For use in celery and other leaf petiole vegetables in crop subgroup 22B

This supplemental label expires November 25, 2022, and must not be used or distributed after this date.

Active Ingredient*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 38.7%

Other Ingredients: 61.3%

Total: 100.0%

*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCION

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl[®] H2O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H2O** before applying.
- Use of **Prowl H2O** according to this labeling is subject to the use precautions and restrictions imposed by the label affixed to the container for **Prowl H2O**.

Product Information

Prowl H2O is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H2O** container label for a complete list of weeds controlled.

Application Instructions

Prowl H2O may be applied to celery and the following other leaf petiole vegetables of subgroup 22B:

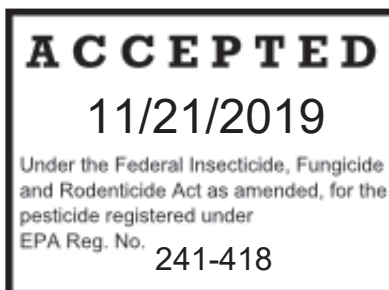
Cardoon
Chinese celery
Fuki
Rhubarb
Udo
Zuiki

Prowl H2O may only be applied by ground or air.

Use Method, Rate, and Timing

Pre-transplant. Uniformly apply **Prowl H2O** as a **broadcast spray** to celery and other leaf petiole vegetables as a preplant surface application before transplanting. **DO NOT** incorporate **Prowl H2O** into soil before transplanting. **DO NOT** apply before direct-seeded celery and other leaf petiole vegetables.

Post-transplant. Uniformly apply **Prowl H2O** as a **postemergence broadcast spray** to celery and other leaf petiole vegetables 1 or more days after transplanting until no less than 60 days before harvest.



Sequential applications. Prowl® H2O herbicide may be applied in sequential applications with pre-transplant followed by post-transplant. Separate applications by at least 21 days and **DO NOT** exceed the maximum cumulative rate for soil type per year.

Use Rate

Pretransplant, Postransplant

Soil Texture ¹	Broadcast Rate (pints/A)
Coarse (mineral)	2.1 to 3.2
Medium (mineral)	2.1 to 3.2
Fine (mineral)	2.1 to 3.2
Muck	4.0

¹ Refer to container label for soil texture groups.

Crop-specific Restrictions – Mineral Soils

- **DO NOT** apply more than 3.2 pints (1.5 lbs of pendimethalin) of **Prowl H2O** per acre in a single application.
- **DO NOT** apply more than 6.4 pints (3.0 lbs of pendimethalin) of **Prowl H2O** per acre per year.
- **Preharvest Interval (PHI)** – 60 days

Crop-specific Restrictions – Muck Soils

- **DO NOT** apply more than 4.0 pints (1.9 lbs of pendimethalin) of **Prowl H2O** per acre in a single application.
- **DO NOT** apply more than 8.0 pints (3.8 lbs of pendimethalin) of **Prowl H2O** per acre per year.
- **Preharvest Interval (PHI)** – 60 days

Crop-specific Precautions

- Avoid root contact with **Prowl H2O**-treated soil when placing transplants into furrow or hole, or crop injury may occur.
- Before applying **Prowl H2O** to transplanted celery and other leaf petiole vegetables, roots of plants must be established and plants must have regained full turgidity.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



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Supplemental Label

Prowl[®] H2O

Herbicide

For weed control in monarda

This supplemental label expires November 25, 2022, and must not be used or distributed after this date.

Active Ingredient*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 38.7%

Other Ingredients: 61.3%

Total: 100.0%

*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCION

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl[®] H2O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H2O** before applying.
- Use of **Prowl H2O** according to this labeling is subject to the use precautions and restrictions imposed by the label affixed to the container for **Prowl H2O**.

Product Information

Prowl H2O is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H2O** container label for a complete list of weeds controlled.

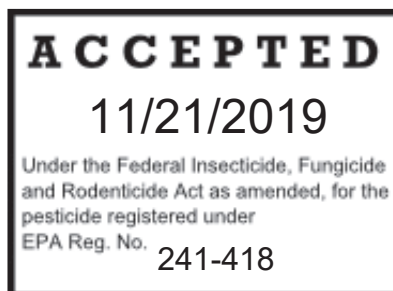
Application Instructions

Prowl H2O may be applied by ground, air, chemigation, or on dry bulk fertilizer.

Use Method, Rate, and Timing

Before weed germination, make a broadcast application of **Prowl H2O** at 1.5 pints to 4.0 pints per acre, depending on soil texture (see chart following), to established monarda in dormancy, after emergence in the spring, or after the first harvest. After **Prowl H2O** herbicide application, temporary crop injury may be observed during the growing season as monarda breaks dormancy and begins to grow, or re-grows after harvest.

Prowl H2O will not cause crop injury when applied according to the label under normal growing conditions. Nonuniform application may result in injury to crops, poor stands, or soil residues; conversely, uneven application may reduce weed control. Diseases, cold weather, excessive moisture, deep planting, low or high pH, salinity, or drought may weaken seedlings and plants and make them more susceptible to herbicide damage.



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Use Rate

Soil Texture ¹	Broadcast Rate (pints/A)
Coarse	1.5 to 2.0
Medium	2.0 to 4.0
Fine	2.0 to 4.0

¹ Refer to container label for soil texture groups

Chemigation Applications

Prowl® H2O herbicide may be applied through sprinkler irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label.

Crop-specific Restrictions

- **DO NOT** apply **Prowl H2O** to monarda in the first year of growth until transplants are well established.
- **DO NOT** apply to monarda stand that have been weakened by age, disease, cold weather, excessive moisture, or other factors that reduce crop vigor, as monarda growing under stress is more susceptible to herbicide damage.
- **DO NOT** apply more than 4.0 pints (1.9 lbs of pendimethalin) of **Prowl H2O** per acre per year.
- **Preharvest Interval (PHI)** – 90 days
- **DO NOT** allow livestock to graze on treated spent hay or feed treated spent hay to livestock.

Crop-specific Precautions

- Avoid overlapping spray patterns because crop injury can occur.
- Avoid heavy residue on soil surface from previous year's crops.

Conditions of Sale and Warranty

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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Supplemental Label

Prowl[®] H2O

Herbicide

For weed control in rosemary

This supplemental label expires November 25, 2022, and must not be used or distributed after this date.

Active Ingredient*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 38.7%

Other Ingredients: 61.3%

Total: 100.0%

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EPA Reg. No. 241-418

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Application Instructions

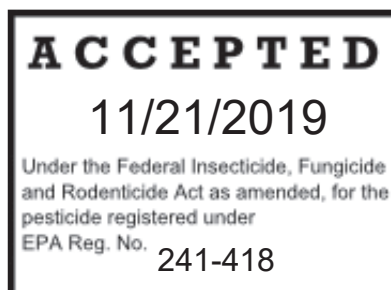
Prowl H2O may be applied by ground, air, chemigation, or on dry bulk fertilizer.

Use Method, Rate, and Timing

Before weed germination, make a broadcast application of **Prowl H2O** at 1.5 pints to 4.0 pints per acre, depending on soil texture (see chart following), to established rosemary prior to onset of rapid growth in the early spring or after the first harvest. After **Prowl H2O** herbicide application, temporary crop injury may be observed during the growing season as rosemary grows or re-grows after harvest.

Prowl H2O will not cause crop injury when applied according to the label under normal growing conditions. Nonuniform application may result in injury to crops, poor stands, or soil residues; conversely, uneven application may reduce weed control. Diseases, cold weather, excessive moisture, deep planting, low or high pH, salinity, or drought may weaken seedlings and plants and make them more susceptible to herbicide damage.

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Use Rate

Soil Texture ¹	Broadcast Rate (pints/A)
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Fine	2.0 to 4.0

¹ Refer to container label for soil texture groups

Chemigation Applications

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Crop-specific Restrictions

- **DO NOT** apply **Prowl H2O** to rosemary in the first year of growth and establishment.
- **DO NOT** apply to rosemary stand that have been weakened by age, disease, cold weather, excessive moisture, or other factors that reduce crop vigor, as rosemary growing under stress is more susceptible to herbicide damage.
- **DO NOT** apply more than 4.0 pints (1.9 lbs of pendimethalin) of **Prowl H2O** per acre per year.
- **Preharvest Interval (PHI)** – 60 days
- **DO NOT** allow livestock to graze on treated spent hay or feed treated spent hay to livestock.

Crop-specific Precautions

- Avoid overlapping spray patterns because crop injury can occur.
- Avoid heavy residue on soil surface from previous year's crops.

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