



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 30, 2015

Craig D. Kleppe
Product Registration Manager
BASF Corporation
26 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709

Subject: PRIA Label Amendment – Crop group conversion (Tree Nut Group 14-12) and establish tolerances (Caneberry Subgroup 13-07A, Bushberry Subgroup 13-07B)
Product Name: Prowl H₂O Herbicide
EPA Registration Number: 241-418
Application Date: May 27, 2014
Decision Numbers: 491858, 491859

Dear Mr. Kleppe:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the data requirements described in the DCI Order identified below:
 - a. Pendimethalin GDCI-108501-1267

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

http://www.epa.gov/oppsrrd1/contacts_prd.htm

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.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Emily Schmid by phone at 703-347-0189, or via email at schmid.emily@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dan C. Kenny", with a long horizontal flourish extending to the right.

Daniel Kenny, Chief
Herbicide Branch
Registration Division (7505P)

Enclosure

Supplemental Label



For use in bearing and nonbearing bushberries

This supplemental label expires January 1, 2019, 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

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

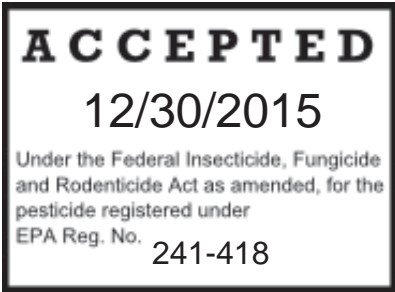
Prowl H₂O is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H₂O** container label for a complete list of weeds controlled.

Application Instructions

Prowl H₂O may be applied to the following individual bearing and nonbearing crops in the bushberry crop sub group 13-07B:

Aronia berry	Gooseberry
Blueberry, highbush	Honeysuckle, edible
Blueberry, lowbush	Huckleberry
Buffalo currant	Jostaberry
Chilean guava	Juneberry (Saskatoon berry)
Cranberry, highbush	Lingonberry
Currant, black	Native currant
Currant, red	Salal
Elderberry	Sea buckthorn
European barberry	

Prowl H₂O may only be applied by ground; chemigation; or flood, flooded basin, and gravity flow irrigation systems.



Use Methods, Timings, and Rates

Prowl® H₂O herbicide may be applied in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H₂O** at between 2.0 to 6.3 quarts per acre depending on the grower's weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 6.3 quarts/A per year in bushberries.

Use Rate per Acre

Low Use Rate	2.0 quarts (2 lbs a.i./A)
High Use Rate	4.0 to 6.3 quarts (4 to 6 lbs a.i./A)

Ground Applications (Bearing)

Prowl H₂O may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H₂O** as a broadcast or banded treatment using ground equipment before weed germination. Apply spray directly to the ground beneath the bushes and/or in areas between rows. **DO NOT** apply over the top of bushes with leaves, buds, or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

Prowl H₂O may also be broadcast applied to (wild) lowbush blueberry after pruning in the fall or spring but before new growth/emergence in the spring, or broadcast applied over the top of dormant bushes before new growth/emergence in the spring. **DO NOT** apply broadcast over the top of (wild) lowbush blueberry if new spring growth/emergence is imminent.

Ground Applications (Nonbearing)

Prowl H₂O may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing bushberry crops. **Prowl H₂O** may be used before or after transplanting the nonbearing crops.

Preplant Incorporated. Uniformly apply **Prowl H₂O** before transplanting but before weeds germinate. Incorporate **Prowl H₂O** to a depth of 1 to 2 inches. Application and incorporation must be made before transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preplant Surface. Before transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preemergence. Applications may be in a band or broadcast.

Chemigation Applications

Prowl H₂O may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H₂O**-treated irrigation water over the top of bushes with leaves, buds, or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

Flood, Flooded Basin, and Gravity Flow Irrigation Systems Applications

Prowl H₂O may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

Crop-specific Restrictions

- **DO NOT** apply more than 6.3 quarts of **Prowl H₂O** per acre per year in bushberries.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated field or planting.
- **Preharvest Interval (PHI):** 30 days.
- **DO NOT** apply to newly seeded nursery stock.

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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Prowl is a registered trademark of BASF.

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000241-00418.20140513b.NVA 2014-04-195-0139

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



We create chemistry

Supplemental Label



For use in bearing and nonbearing caneberries

This supplemental label expires January 1, 2019, 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

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

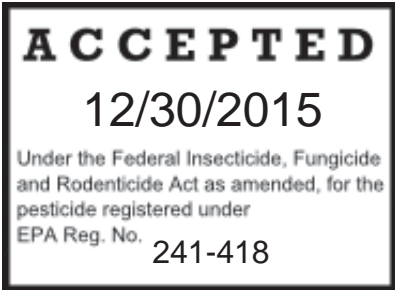
Prowl H₂O may be applied to the following individual bearing and nonbearing crops in the caneberry crop sub group 13-07A:

Blackberry	Raspberry, red
Loganberry	Raspberry, wild
Raspberry, black	

Prowl H₂O may only be applied by ground; chemigation; or flood, flooded basin, and gravity flow irrigation systems.

Use Methods, Timings, and Rates

Prowl H₂O may be applied in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H₂O** at between 2.0 to 6.3 quarts per acre depending on the grower's weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 6.3 quarts/A per year in caneberries.



Use Rate per Acre

Low Use Rate	2.0 quarts (2 lbs a.i./A)
High Use Rate	4.0 to 6.3 quarts (4 to 6 lbs a.i./A)

Ground Applications (Bearing)

Prowl® H₂O herbicide may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H₂O** as a broadcast or banded treatment using ground equipment before weed germination. Apply spray directly to the ground beneath the canes and/or in areas between trellised rows. **DO NOT** apply over the top of canes or primocanes with leaves, buds, or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

Ground Applications (Nonbearing)

Prowl H₂O may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing caneberry crops. **Prowl H₂O** may be used before or after transplanting the nonbearing crops.

Preplant Incorporated. Uniformly apply **Prowl H₂O** before transplanting but before weeds germinate. Incorporate **Prowl H₂O** to a depth of 1 to 2 inches. Application and incorporation must be made before transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preplant Surface. Before transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preemergence. Applications may be in a band or broadcast.

Chemigation Applications

Prowl H₂O may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H₂O**-treated irrigation water over the top of canes or primocanes with leaves, buds, or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

Flood, Flooded Basin, and Gravity Flow Irrigation Systems Applications

Prowl H₂O may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

Crop-specific Restrictions

- **DO NOT** apply more than 6.3 quarts of **Prowl H₂O** per acre per year in caneberries.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated field or planting.
- **Preharvest Interval (PHI):** 30 days.
- **DO NOT** apply to newly seeded nursery stock.

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.

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26 Davis Drive
Research Triangle Park, NC 27709



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Supplemental Label



For use in all crops in the tree nut crop group 14-12

This supplemental label expires January 1, 2019, 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

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

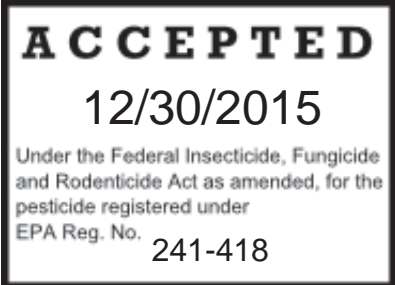
Prowl H₂O is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H₂O** container label for a complete list of weeds controlled.

Application Instructions

Prowl H₂O may be applied to the following individual bearing and nonbearing crops in the tree nut crop group 14-12:

African nut-tree	Coconut
Almond	Coquito nut
Beechnut	Dika nut
Brazil nut	Ginkgo
Brazilian pine	Guiana chestnut
Bunya	Hazelnut (filbert)
Bur oak	Heartnut
Butternut	Hickory nut
Cajou nut	Japanese horse-chestnut
Candlenut	Macadamia nut
Cashew	Mongongo nut
Chestnut	Monkey-pot
Chinquapin	Monkey puzzle nut

(continued)



Tree nut crop group 14-12 (continued)

Okari nut	Pistachio
Pachira nut	Sapucaia nut
Peach palm nut	Tropical almond
Pecan	Walnut, black
Pequi	Walnut, English
Pili nut	Yellowhorn
Pine nut	

Prowl® H₂O herbicide may only be applied by ground; chemigation; or flood, flooded basin, and gravity flow irrigation systems.

Use Methods, Timings, and Rates

Prowl H₂O may be applied in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H₂O** at between 2.0 to 6.3 quarts per acre depending on the grower's weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 6.3 quarts/A per year in nut trees.

Use Rate per Acre

Low Use Rate	2.0 quarts (2 lbs a.i./A)
High Use Rate	4.0 to 6.3 quarts (4 to 6 lbs a.i./A)

Ground Applications (Bearing)

Prowl H₂O may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H₂O** as a broadcast or banded treatment using ground equipment before weed germination. Apply spray directly to the ground beneath the trees and/or in areas between rows. **DO NOT** apply over the top of trees with leaves, buds, or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

Ground Applications (Nonbearing)

Prowl H₂O may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing nut tree crops. **Prowl H₂O** may be used before or after transplanting the nonbearing crops.

Preplant Incorporated. Uniformly apply **Prowl H₂O** before transplanting but before weeds germinate. Incorporate **Prowl H₂O** to a depth of 1 to 2 inches. Application and incorporation must be made before transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preplant Surface. Before transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

Preemergence. Applications may be in a band or broadcast.

Chemigation Applications

Prowl H₂O may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H₂O**-treated irrigation water over the top of trees with leaves, buds, or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

Flood, Flooded Basin, and Gravity Flow Irrigation Systems Applications

Prowl H₂O may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

Crop-specific Restrictions

- **DO NOT** apply more than 6.3 quarts of **Prowl H₂O** per acre per year in nut trees.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated groves or orchards.
- **Preharvest Interval (PHI):** 60 days.
- **DO NOT** apply to newly seeded nursery stock.

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.

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