



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 29, 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 – New Uses (Grass Forage, Fodder, and Hay Crop Group 17)
Product Name: Prowl H₂O Herbicide
EPA Registration Number: 241-418
Application Date: March 24, 2014
Decision Numbers: 490087, 490089

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 cool-season forage grasses grown for forage or hay production, or in pastures or rangeland

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.

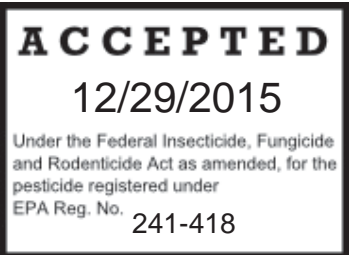
EPA Reg. No. 241-418
CAUTION

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 by ground or chemigation, by air, or on dry bulk fertilizer.

Use Methods, Timings, and Rates

Established Perennial Cool-season Grasses

Apply **Prowl H₂O** to solid stands of perennial cool-season forage grasses [such as bentgrass, bluegrass (Kentucky), bromegrass, fescue (fine, tall), orchardgrass, perennial ryegrass, timothy, wheatgrass, and others] grown for forage, green chop, silage, hay production, and/or grown in pastures or rangeland for livestock grazing.

Apply **Prowl H₂O** only to established (grass with 6 or more tillers per plant) perennial cool-season grasses.

Apply **Prowl H₂O** before target weed germination in the fall after the last cutting/mowing/grazing, in winter, in the spring, or in-season between cuttings.

Uniformly apply at a broadcast rate of 1.1 quarts (1.0 lb ai/A) to 4.2 quarts (4.0 lbs ai/A) of **Prowl H₂O** per acre in a single application or sequential applications made 30 or more days apart.

DO NOT exceed a cumulative total of 4.2 quarts of **Prowl® H₂O herbicide** per acre per year.

Use the higher application rate of **Prowl H₂O** when higher weed pressure is anticipated or when a longer duration of residual weed control is desired.

Prowl H₂O may cause temporary injury to cool-season forage grass stands. Application made in periods of cold temperatures that temporarily limit normal crop growth or in extended cold temperature periods that initiate winter dormancy in grass crops may result in crop injury. Disease, extremely cold weather, drought, extensive frost heaving, salinity, low pH, or high pH may weaken stands and make the crop more susceptible to herbicidal injury.

Mixed Stands of Established Cool-season Forage Grasses and Alfalfa

Apply **Prowl H₂O** to mixed stands of established cool-season forage grasses and alfalfa (established alfalfa is defined as alfalfa planted in the fall or spring which has gone through a first cutting/mowing).

Apply **Prowl H₂O** in the fall after the last cutting/mowing/grazing, in winter, in the spring before weed germination or in-season between cuttings.

Chemigation Application

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

Tank Mixes

Prowl H₂O may be applied in a sequential use program with other herbicides labeled for use in cool-season forage grasses or applied as a tank mix with other registered herbicides that control emerged weeds. Applications of postemergence herbicides may cause crop injury. BASF recommends testing **Prowl H₂O** tank mixes on a small portion of the target crop to determine if damage is likely to occur. Consult your local BASF dealer for local tank mix options. Always perform a mixing test to check the compatibility of **Prowl H₂O** with all potential tank mix partners and fertilizers. Follow all precautions and restrictions on the labels of all products applied in combination with **Prowl H₂O**. Always follow the most restrictive label.

Physical incompatibility, reduced weed control, or crop injury may result from mixing Prowl H₂O with other pesticides, additives, or fertilizers.

Crop-specific Restrictions

- **DO NOT** apply **Prowl H₂O** if surface water is present in the field.
- **DO NOT** exceed a cumulative total of 4.2 quarts of **Prowl H₂O** per acre per year.
- For domestic use, there is no preharvest or pre-grazing interval for **Prowl H₂O**-treated grass forage, green chop, silage, hay, pasture, or rangeland.
- For export use, a 15-day preharvest interval is required for grass hay destined for export. (Because of MRL (maximum residue limits) setting issues in key export markets, grass hay treated with **Prowl H₂O** requires a longer preharvest interval.)
- Mixed stand alfalfa/cool season forage grasses may be grazed or harvested for forage or hay **14 or more days** after applying **Prowl H₂O**.
- **DO NOT** apply **Prowl H₂O** to mixed stands of cool-season forage grasses with other forage legumes besides alfalfa.

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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000241-00418.20140130b.NVA 2014-04-195-0025

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



We create chemistry

Supplemental Label



Reduced preharvest interval (PHI) in Bermudagrass and other perennial warm-season grasses grown for forage or hay production, or in pastures or rangeland

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 by ground or chemigation, by air, or on dry bulk fertilizer.

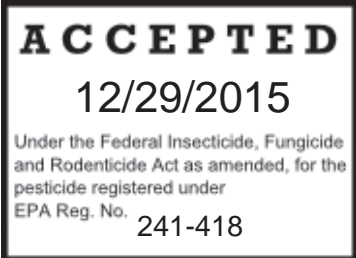
Use Methods, Timings, and Rates

Established Bermudagrass and other Perennial Warm-season Grasses

Apply **Prowl H₂O** in fields of Bermudagrass (and other perennial warm-season grasses such as Bahiagrass, buffalograss, switchgrass, and others) grown for forage or hay production and/or grown in pastures or rangeland for livestock grazing.

Apply **Prowl H₂O** only to established (defined as planted in the fall or spring which has gone through a first cutting/mowing) Bermudagrass and other perennial warm-season grasses.

Apply **Prowl H₂O** before target weed germination in the dormant season [i.e., when grasses are not actively growing in the fall (postharvest), during winter dormancy period, or in early spring before greenup] or in-season between cuttings. **DO NOT** apply to Bermudagrass and other perennial warm-season grasses after greenup in the spring before the first cutting.



Uniformly apply at a broadcast rate of 1.1 quarts (1.0 lb ai/A) to 4.2 quarts (4.0 lbs ai/A) of **Prowl® H₂O herbicide** per acre in a single application.

Prowl H₂O may also be applied as a sequential or split program where the initial application(s) are made in the dormant season and the subsequent application(s) are made in-season between cuttings. **DO NOT** apply more than a cumulative maximum total of 4.2 quarts of **Prowl H₂O** per acre per year.

Use the higher application rate of **Prowl H₂O** when higher weed pressure is anticipated or when a longer duration of residual weed control is desired.

Prowl H₂O may be applied in a sequential use program or as a tank mix with other registered herbicides that control emerged weeds.

Prowl H₂O may cause temporary injury to Bermudagrass and other perennial warm-season grass stands. Disease, extremely cold weather, drought, extensive frost heaving, salinity, low pH, or high pH may weaken stands and make the crop more susceptible to herbicidal injury.

Chemigation Application

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

Tank Mixes

Prowl H₂O may be tank mixed with other herbicides labeled for use in Bermudagrass and other perennial warm-season grass fields. BASF recommends testing **Prowl H₂O** tank mixes on a small portion of the target crop to determine if damage is likely to occur.

Physical incompatibility, reduced weed control, or crop injury may result from mixing Prowl H₂O with other pesticides, additives, or fertilizers.

Applications of postemergence herbicides may cause crop injury, such as stunting or chlorosis of Bermudagrass and other perennial warm-season grasses. Consult with your local BASF dealer regarding local tank mix options. Always perform a mixing test to check the compatibility of **Prowl H₂O** with all potential tank mix partners and fertilizers. Follow all precautions and restrictions on the labels of all products applied in combination with **Prowl H₂O**. Always follow the most restrictive label.

Crop-specific Restrictions

- **DO NOT** apply **Prowl H₂O** if surface water is present in the field.
- **DO NOT** exceed a cumulative total of 4.2 quarts of **Prowl H₂O** per acre per year.
- For domestic use, there is no preharvest interval for grass forage or hay or for livestock grazing after application of **Prowl H₂O**.
- For export use, a 15-day preharvest interval is required for grass hay destined for export. (Because of MRL (maximum residue limits) setting issues in key export markets, grass hay treated with **Prowl H₂O** requires a longer preharvest interval.)

Conditions of Sale and 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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