



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

June 28, 2023

Christa Ellers-Kirk
BASF Corporation, Agricultural Products
P.O. Box 13528, 26 Davis Drive
Research Triangle Park, NC 27709

Subject: Label Amendment – Renewal of a supplemental label
Product Name: PROWL H2O HERBICIDE
EPA Registration Number: 241-418
Application Date: April 21, 2021
Decision Number: 576021

Dear Christa Ellers-Kirk:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one 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 FIFRA 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) lists 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 Lydia Crawford by phone at 202-566-2575, or via email at Crawford.Lydia@epa.gov.

Sincerely,



Emily Schmid, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



ACCEPTED
6/28/2023
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 241-418

Pendimethalin	Group	3	Herbicide
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Prowl[®] H2O

Herbicide

**Supplemental
Label**

**FOR WEED CONTROL AS A DELAYED PREEMERGENCE
TREATMENT IN DRY BULB ONIONS
FOR DISTRIBUTION AND USE ONLY WITHIN THE NAVAJO NATION**

This supplemental label expires **May 30, 2026**, 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

OBSERVE AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, WORKER PROTECTION STANDARD REQUIREMENTS, PRECAUTIONARY STATEMENTS, MIXING AND APPLICATION INSTRUCTIONS, AND FOLLOWCROP RESTRICTIONS ON THE Prowl[®] H2O herbicide MAIN CONTAINER LABEL BEFORE USING.

DISCLAIMER

BASF CORPORATION (BASF) INTENDS THAT THIS SUPPLEMENTAL LABEL BE DISTRIBUTED ONLY BY THE NAVAJO AGRICULTURAL PRODUCTS INDUSTRY (NAPI) TO END USERS AND/OR GROWERS WHO AGREE IN WRITING TO THE TERMS AND CONDITIONS REQUIRED BY NAPI INCLUDING A WAIVER WHICH IS IN ACCORDANCE WITH THE FULLEST EXTENT PERMITTED BY LAW AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY THE USER AND/OR GROWER OF BASF, NAPI, AND OTHERS FROM FAILURE TO PERFORM AND CROP DAMAGE FROM USE OF **Prowl H2O** AS A DELAYED PREEMERGENCE TREATMENT ON DRY BULB ONIONS. IF SUCH TERMS AND CONDITIONS ARE UNACCEPTABLE, RETURN THE **Prowl H2O** AT ONCE UNOPENED.

Prowl H2O USE MAY RESULT IN CROP INJURY, LOSS OR DAMAGE. IN ADDITION, MANY FACTORS, INCLUDING INSECTS, DISEASES, WEED COMPETITION, POOR SEED QUALITY, IMPROPER PLANTING DEPTH, MECHANICAL CULTIVATION, POOR WEATHER (SUCH AS FREEZING OR EXCESSIVE WIND, RAIN, HEAT, OR COLD), LACK OF OR EXCESSIVE MOISTURE, CRUSTING, FERTILITY, OR HARDPANS, CAN AFFECT CROP GROWTH AND/OR YIELD.

EACH GROWER WHO IS CONSIDERING THE PRODUCT FOR SUCH USE SHOULD TEST **Prowl H2O** IN ORDER TO DETERMINE ITS SUITABILITY. A GROWER SHOULD USE **Prowl H2O** ONLY TO THE EXTENT THAT IN HIS SOLE OPINION THE BENEFIT OF **Prowl H2O** USE OUTWEIGHS THE POTENTIAL INJURY TO THE GROWER'S CROP.

NUMEROUS RISKS OF LOSS OR DAMAGE TO DRY BULB ONION CROPS MAY BE ASSOCIATED WITH THE USE OF **Prowl H2O**, EVEN WHEN **Directions For Use** ARE FOLLOWED COMPLETELY. THESE INCLUDE SWELLING OF ROOTS OR OTHER BELOW-GROUND PLANT PARTS, LESS VIGOROUS PLANT GROWTH AND DEVELOPMENT, AND REDUCTION IN YIELD POTENTIAL. **Prowl H2O** MAY ALSO CAUSE INJURY TO SENSITIVE ROTATIONAL CROPS. THE USER OR GROWER SHOULD TAKE ALL SUCH RISKS INTO CONSIDERATION BEFORE DECIDING TO APPLY THE PRODUCT.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label and the current EPA-accepted label for **Prowl® H2O herbicide**, EPA Reg. No. 241-418, must be in the possession of the user at the time of pesticide application.

Read the label affixed to the container for **Prowl H2O** before applying.

Observe all cautions and limitations on this label and on the labels of products used in combination with **Prowl H2O**. Always follow the most restrictive label. **DO NOT** use **Prowl H2O** other than in accordance with the instructions set forth on this label. The use of **Prowl H2O** not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

Endangered Species Protection

This product may have effects on federally listed threatened or endangered plant species or their critical habitat. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county or parish in which you are applying the pesticide. To determine whether your county or parish has a Bulletin, and to obtain that Bulletin, consult <http://www.epa.gov/espp/>, or call 1-800-447-3813 no more than 6 months before using this product. Applicators must use Bulletins that are in effect in the month in which the pesticide will be applied. New Bulletins will generally be available from the above sources 6 months prior to their effective dates.

If endangered plant species occur in proximity to the application site, the following mitigation measures are required:

- If applied by ground, leave untreated buffer zone of 200 feet. The product must be applied using a low boom (20 inches above the ground) and ASAE fine to medium/coarse nozzles.

SPRAY DRIFT. Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interaction of many equipment-related and weather-related factors determines the potential for spray drift. The applicator and grower are responsible for considering all these factors when making decisions. It is the responsibility of the applicator to avoid spray drift onto nontarget areas.

Product Information

Prowl H2O may be applied for preemergence weed control of most annual grasses and certain broadleaf weeds as they germinate, but it will not control established weeds. Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend it over a long period of time may reduce weed control.

Overapplication can result in crop stand loss, crop injury, or rotational crop injury.

Uneven application or improper soil incorporation can decrease weed control or cause crop injury. Soil incorporation deeper than recommended can reduce weed control.

Seedling diseases, cold weather, excessive moisture, shallow or deep planting, low or high soil pH, high soil salt concentration, or drought can weaken seedlings and plants and increase the possibility of crop damage from **Prowl H2O**. Under these conditions, crop yields can be reduced.

Use of **Prowl H2O** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Application Instructions

For control of annual grass and small seeded broadleaf weeds as specified in the **Prowl H2O** container label, uniformly plant dry bulb onions 1-inch deep and ensure that the furrow is thoroughly covered with soil. **Failure to plant dry bulb onions a minimum of 1-inch deep in the soil increases the injury potential.**

Apply **Prowl H2O** after germination of the onion seed but prior to emergence (**delayed preemergence**) when 75% of the radicals have developed on the onion seedlings. Radical emergence should be determined by digging onion seedlings at random locations in a field and noting radical elongation.

Apply **Prowl H2O** at rates on mineral soils specified in the following table. **Prowl H2O** will not control emerged weeds. For effective weed control, **Prowl H2O** must be applied to clean-tilled soil or tank mixed with a burndown herbicide to control emerged weeds prior to onion emergence.

Uniformly apply in 10 or more gallons of water per acre with ground equipment.

Prowl® H2O herbicide is most effective when adequately incorporated by rainfall or irrigation.

DO NOT feed or graze for livestock.

DO NOT apply more than 0.25 inches of initial overhead irrigation following **delayed preemergence** application of **Prowl H2O** on dry bulb onions.

Application Rates

Prowl H2O Broadcast Rate per Acre Delayed Preemergence Treatment in Dry Bulb Onions

Mineral Soil(s) Texture	Prowl H2O Rate (pints/Acre)	Prowl H2O Rate (lbs ai/Acre)
Coarse	1.0 to 2.0	0.48 to 0.95
Medium	1.5 to 2.5	0.71 to 1.19
Fine	1.5 to 3.0	0.71 to 1.43

Notes:

1. On coarse-textured soils (> 90% sand content), the risk of crop injury is greater than with medium-textured or fine-textured soils. Potential injury may be due to variability within soil type.
2. Higher use rates of **Prowl H2O** within soil types may result in greater chances of crop injury.
3. If loss of onions occurs due to adverse weather conditions, any crop registered for **Prowl H2O** preplant incorporated use can be replanted the same year into **Prowl H2O**-treated soil without adverse effects. If replanting is necessary, soil should not be reworked deeper than 2 inches.

Prowl H2O may be applied sequentially in dry bulb seeded onions. Apply first application of **Prowl H2O delayed preemergence** according to this supplemental label. Apply sequential applications of **Prowl H2O** early postemergence (up to 9th true-leaf stage) according to the **Prowl H2O** main label.

Restrictions and Limitations

DO NOT exceed the maximum labeled rate for a given mineral soil texture.

DO NOT exceed a total of 3.0 pints of **Prowl H2O** per acre per year.

DO NOT apply this product through any type of irrigation system or by air.

DO NOT apply preplant incorporated or preplant.

DO NOT apply within 45 days of harvest.

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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We create chemistry