

241-418

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 07 2011

Mr. Craig Kleppe
BASF Corporation
26 Davis Dr., PO Box 13528
Research Triangle Park, NC 27709

Subject: AquaMaster Herbicide
EPA Registration Numbers 241-418
Application dated June 21, 2011
Supplemental label: *For Weed Control as a Delayed Preemergence Treatment in Dry Onion Bulbs Within the Navajo Nation*

Dear Mr. Kleppe,

The supplemental labeling referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. It expires on December 31, 2014. At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling. A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed label before you release the product for shipment.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

JUL 07 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.



241-418



**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 December 31, 2014, and must not be used or distributed after this date.

EPA Reg. No. 241-418

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.

**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.

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 is most effective when adequately incorporated by rainfall or irrigation.

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 herbicide Broadcast Rate per Acre Delayed Preemergence Treatment in Dry Bulb Onions

Mineral Soil(s) Texture	Prowl H ₂ O Rate (pints/Acre)
Coarse	1.0 to 2.0
Medium	1.5 to 2.5
Fine	1.5 to 3.0

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 season.

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.

DO NOT feed or graze for livestock.

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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The Chemical Company