



The Chemical Company



Supplemental Label

FOR USE ON ALFALFA GROWN FOR SEED PRODUCTION

This supplemental label expires December 31, 2009.

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.

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** must be in the possession of the user at the time of pesticide application.

Prowl H₂O controls 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.

Uniformly apply **Prowl H₂O** with properly calibrated ground equipment in 10 or more gallons of water per acre, or by aircraft in a minimum of 5 gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. **Prowl H₂O** may also be applied by chemigation; by flood, flooded basin, and gravity flow irrigation systems; or on dry bulk fertilizer. Refer to the **Prowl H₂O** main container label for application instructions. **Prowl H₂O** is most effective when incorporated in the weed germination zone by rainfall or irrigation.

Follow all precautions and restrictions on the labels of all products applied in combination with **Prowl H₂O**. Always follow the most restrictive label.

Endangered Species Protection

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.
- If applied by air, leave untreated buffer zone of 170 feet. Must use straight-stream nozzles (D-6 or larger); wind can be no more than 8 mph; and release height must be 15 feet or less.

To determine whether your county has an endangered species, consult the website <http://www.epa.gov/espp/usa-map.htm>.

Endangered Species Bulletins may also be obtained from extension offices or state pesticide agencies. If the bulletin is not available for your specific area, check with the appropriate local state agency to determine if known populations of endangered species occur in the area to be treated.

SPRAY DRIFT. Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the 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.

Application Instructions

Prowl® H₂O herbicide may be applied by ground; by air; by chemigation; by flood, flooded basin, and gravity flow irrigation systems; or on dry bulk fertilizer.

Established Alfalfa. Apply to established alfalfa grown for seed production (defined as alfalfa planted in the fall or spring which has gone through a summer season of cutting/mowing).

Uniformly apply **Prowl H₂O** at a broadcast rate of 1.0 to 4.0 quarts per acre prior to weed emergence in **one** of the following ways:

- Apply to dormant established alfalfa.
- Apply before alfalfa exceeds 10 inches in height after first mowing/beatng.
- When the alfalfa reaches 10 inches in height or if the alfalfa has been mowed/beaten 2 or more times, **Prowl H₂O must be applied with drop nozzles** directing the spray so there is little to no contact with the foliage.

Seedling Alfalfa. Apply to seedling alfalfa grown for seed production (defined as alfalfa planted in the fall or spring which has **NOT** gone through a cutting/mowing).

Uniformly apply **Prowl H₂O** at a broadcast rate of 1.0 to 2.0 pints per acre prior to weed emergence. Applications can be made when the seedling alfalfa has reached the second trifoliolate stage of growth. Applications should be made prior to the alfalfa reaching 6 inches in growth.

Chemigation Applications. **Prowl H₂O** may be applied through sprinkler irrigation systems. Follow all recommendations, special instructions and precautions about chemigation in the **Spraying Instructions** section of the **Prowl H₂O** main container label. Uniform distribution of **Prowl H₂O**-treated irrigation water is the sole responsibility of the applicator and is required to avoid crop injury, lack of herbicide effectiveness or illegal pesticide residues in the crop.

Flood, Flooded Basin, and Gravity Flow Irrigation Systems. **Prowl H₂O** may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all recommendations, special instructions and precautions in **Applications via Flood, Flooded Basin, or Gravity Flow Irrigation Systems** in **Spraying Instructions** of the **Prowl H₂O** main container label. Uniform distribution of **Prowl H₂O**-treated irrigation water is the sole responsibility of the applicator and is required to avoid crop injury, lack of herbicide effectiveness or illegal pesticide residues in the crop.

Restrictions and Limitations

- **DO NOT** exceed 4.0 quarts of **Prowl H₂O** per acre in any one crop season.
- Follow all precautions and restrictions on the labels of all products applied in combination with **Prowl H₂O**. Always follow the most restrictive label.
- **DO NOT** apply **Prowl H₂O** less than 50 days prior to alfalfa harvest for forage or hay.
- **DO NOT** apply **Prowl H₂O** less than 90 days prior to alfalfa harvest for seed.
- **Some stunting and chlorosis of the alfalfa may occur with postemergence applications.**
- **Applications made after the alfalfa exceeds 6 inches in height may result in poor weed control due to possible reduced spray coverage to the soil.**

Weeds Controlled with Prowl H ₂ O Applied up to 4 pts/A	
Grasses	
Annual ryegrass	Italian ryegrass*
Barnyardgrass	Japanese brome*
Canarygrass*	Johnsongrass (seedling)
Cheat*	Jointed goatgrass*
Crabgrass	Oat, wild*
Crowfootgrass	Panicum, fall
Downy brome* (cheatgrass)	Panicum, Texas
Foxtail, giant	Sandbur, field
Foxtail, green	Shattercane*
Foxtail, yellow	Signalgrass*
Goosegrass	Wild proso millet*
Hairy chess*	Witchgrass
Itchgrass	Woolly cupgrass*
Broadleaves	
Amaranth, Palmer	Mustard, black
Bugloss, small	Pigweed species
Carpetweed	Purslane
Chickweed, common*	Pusley, Florida
Henbit	Shepherdspurse*
Kochia	Smartweed, Pennsylvania*
Lady's thumb	Spurge, annual
Lambsquarters, common	Velvetleaf*
Lambsquarters, slimleaf	Waterhemp species
London rocket*	
*Suppression, but controlled when Prowl H₂O use rate exceeds 4 pts/A.	

Weeds Controlled with Prowl® H ₂ O herbicide Applied at 4 pts/A or greater	
Grasses	
Annual bluegrass	Lovegrass
Browntop panicum	Sprangletop, Mexican
Grass, Guinea	Sprangletop, red
Junglerice	Swollen fingergrass
Broadleaves	
Dodder [†]	Prostrate, knotweed
Fiddleneck	Puncturevine
Morningglory**	
[†] For optimum dodder control, use the highest labeled rate of Prowl H₂O specified in the specific crop. **Suppression	

Crop Rotation Restrictions

- 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, such as arid conditions, make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible. Soil characteristics and environmental conditions which may contribute to crop stress that may be accentuated by the use of **Prowl H₂O** include: coarse soils, compaction, high salinity, eroded knolls/hilltops, cold and/or wet soils, drought, and heavy rainfall soon after application.
- When **Prowl H₂O** is used in tank mix or sequential combinations, refer to the labels of other herbicides for additional rotational crop restrictions.
- **Restrictions for rotational cropping after the use of Prowl H₂O are dependent on the application use rate of Prowl H₂O in the primary crop. The user should thoroughly read the following restrictions to determine the rotational crops for their specific situation, according to application use rate.**

Rotational Crop Restrictions Following Applications of Prowl H₂O to Field and Row Crops

1. **Application rate less than or equal to 4 pts/A (2.0 lbs ai/A)**
 - a. Crops which are labeled for preplant incorporated application may be planted the same season in which **Prowl H₂O** was applied.

b. Sugar beets, Red beets and Spinach

To avoid crop injury, **DO NOT** plant sugar beets, red beets or spinach for 12 months following a spring application of **Prowl H₂O** or 14 months following a fall application of **Prowl H₂O**.

These crops should not be planted for 18 months following a spring application of **Prowl H₂O** or 20 months following a fall application of **Prowl H₂O** if rainfall or irrigation was not sufficient to produce a crop.

To ensure thorough mixing of soil prior to planting sugar beets, red beets and spinach, land should be plowed using a moldboard plow to a depth of 12 inches.

c. Proso millet, Sorghum (Milo), and Annual or Perennial grass crops or mixtures

Proso millet, sorghum (milo), and annual or perennial grass crops or mixtures should not be planted for 10 months after a spring application of **Prowl H₂O** or 12 months after a fall application of **Prowl H₂O**, except in the following conditions:

In the states of **Minnesota, North Dakota** and **South Dakota**, these crops should not be planted for 18 months following a spring application of **Prowl H₂O** or 21 months following a fall application of **Prowl H₂O**.

To avoid the possibility of crop injury in areas that receive less than 20 inches of rainfall or irrigation to produce a crop, these crops should not be planted for 18 months following a spring application of **Prowl H₂O** or 20 months following a fall application of **Prowl H₂O** if rainfall or irrigation was not sufficient to produce a field or row crop.

d. Wheat and Barley

Wheat and barley may be planted 4 months after an application of **Prowl H₂O**, except under the following conditions:

If less than 12 inches of rainfall or overhead irrigation was received between application and rotational crop planting, wheat should not be planted before 12 months after a spring application of **Prowl H₂O** or 14 months after a fall application of **Prowl H₂O**.

In dryland areas and/or areas where irrigation is necessary to produce the crop treated with **Prowl H₂O**, **DO NOT** plant winter wheat or barley as a followcrop if crop failure/destruction occurs and land is fallowed during the summer.

e. All other rotational crops not specifically addressed above

Crops, other than those to which **Prowl® H₂O herbicide** may be applied as a preplant incorporated treatment, may be planted the year following application of **Prowl H₂O**, except under the following condition:

If rainfall or irrigation was not sufficient to produce a crop, delay planting for 18 months following a spring application of **Prowl H₂O** or 20 months following a fall application of **Prowl H₂O**.

2. Application rate greater than 4 pts/A (2.0 lbs ai/A)

In the growing season following application of **Prowl H₂O** to field and row crops at greater than 4 pts/A, plant only those crops for which **Prowl H₂O** is labeled for preplant incorporated treatment or crop injury may occur.

DO NOT plant other crops for 24 months.

Rotational Crop Restrictions Following Applications of Prowl H₂O to Orchard, Grove, and Vineyard Crops

In the growing season following application of **Prowl H₂O** to bearing fruit and nut trees or grapes, plant only those crops for which **Prowl H₂O** is labeled for preplant incorporated treatment or crop injury may occur.

DO NOT rotate to other crops (except for nut crops, fruit trees, or grapes) for 24 months following a **Prowl H₂O** application to bearing fruit or nut trees or grapes.

This supplemental label replaces and supersedes the supplemental label, NVA 2007-04-195-0023, due to expire on December 31, 2008.

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, 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. 0408

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