



The Chemical Company



For preemergence weed control in cotton when applied postemergence

This supplemental label expires on December 31, 2011.

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 STANDARDS, 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. Refer to the **Prowl H₂O** container label, EPA Reg. No. 241-418, for complete **Directions For Use** and all applicable restrictions and precautions. User must have the full **Prowl H₂O** container label and this supplemental label in possession at the time of pesticide application.

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.

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-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.

Application Instructions

Prowl® H₂O herbicide may be applied by ground or air as a broadcast over-the-top postemergence application in cotton.

Postemergence treatments are most effective in controlling weeds when adequate rainfall or overhead irrigation is received after application. Applications before weeds germinate or after clean cultivation to remove existing weeds are necessary because **Prowl H₂O** will not control weeds that are emerged at time of application. The use of a postemergence herbicide treatment is required to control emerged weeds.

Prowl H₂O may be used alone or tank mixed with Roundup PowerMAX® (on Roundup Ready® cotton or Roundup Ready® Flex cotton), Roundup WeatherMAX® (on Roundup Ready cotton or Roundup Ready Flex cotton), or Ignite® herbicide (on LibertyLink® cotton).

When tank mixing **Prowl H₂O** with another herbicide product, always follow the most restrictive labeling. **DO NOT** tank mix and apply over-the-top postemergence with **Dual® herbicide, Staple® herbicide, Sequence® herbicide, Caparol® herbicide, or Cotoran® herbicide.**

Dry ammonium sulfate (AMS) at 17 lbs/100 gallons of spray solution must be used when tank mixing **Prowl H₂O** with **Roundup PowerMAX** or **Roundup WeatherMAX**. Liquid AMS may also be used, but must be used at an equivalent rate to 17 lbs of dry weight AMS/100 gallons of spray solution. A nitrogen replacement should not be used with this tank mix unless specified as acceptable from BASF in writing. The recommended mixing order is as follows: fill tank to at least 1/2 full with water; then add the following in order: AMS, **Prowl H₂O, Roundup® herbicide**; then fill the tank to capacity with water.

Postemergence applications of Prowl H₂O on Roundup Ready cotton or Roundup Ready Flex cotton only

NOTE: The instructions provided for the use of **Prowl H₂O** on **Roundup Ready cotton** or **Roundup Ready Flex cotton** are specific to and should only be used with varieties designated as **Roundup Ready cotton** or **Roundup Ready Flex cotton**.

Consult and follow the **Roundup PowerMAX** or **Roundup WeatherMAX** labels for their respective rates, application methods, precautions and application timing restrictions.

• Roundup Ready cotton

Tank mixing Prowl H₂O with Roundup PowerMAX or Roundup WeatherMAX (in water): Apply **Prowl H₂O** broadcast postemergence over the top of cotton after cotton reaches the 4- to 5-leaf stage of growth. **DO NOT** apply prior to reaching the 4-leaf cotton stage or past the 5-leaf stage or significant crop injury and/or yield loss may occur.

• Roundup Ready Flex cotton

Tank mixing Prowl H₂O with Roundup PowerMAX or Roundup WeatherMAX (in water): Apply **Prowl H₂O** broadcast postemergence over the top of cotton after cotton reaches the 4-leaf stage of growth, but not after the 8-leaf stage of growth. Over-the-top applications made before the 4-leaf stage or after the 8-leaf stage of development may result in crop injury and/or yield loss.

Postemergence applications of Prowl H₂O on LibertyLink cotton

NOTE: The instructions provided for the use of **Prowl H₂O** on **LibertyLink cotton** are specific to and should only be used with varieties designated as **LibertyLink cotton**.

Consult and follow the **Ignite** label for the respective rates, application method, precautions, and application timing restrictions.

LibertyLink cotton

Tank mixing Prowl H₂O with Ignite (in water): Apply **Prowl H₂O** broadcast postemergence over the top of cotton after cotton reaches the 4-leaf stage of growth, but not after the 8-leaf stage of growth. Over-the-top applications made before the 4-leaf stage or after the 8-leaf stage of development may result in crop injury and/or yield loss.

Postemergence applications of Prowl H₂O ALONE to all cotton (in water)

Apply **Prowl H₂O** broadcast postemergence over the top of cotton after cotton reaches the 4-leaf stage of growth, but not after the 8-leaf stage of growth. Over-the-top applications made before the 4-leaf stage or after the 8-leaf stage of development may result in crop injury and/or yield loss.

Over-the-top postemergence applications of **Prowl® H₂O herbicide** can be applied in cotton previously treated with at-planting soil applications of **Prowl H₂O** or any other soil-applied herbicide(s) registered for use in cotton. Consult the labels of those herbicides for suggested treatments, rates to be used, and precautions or restrictions for use in cotton and for followcrop restrictions. Follow the most restrictive label instructions when using products in combination with soil-applied **Prowl H₂O**.

PRECAUTIONS: Postemergence applications of **Prowl H₂O** may cause temporary growth reduction and/or leaf discoloration or malformation of cotton following application.

DO NOT apply over the top in fluid fertilizer.

DO NOT apply in tank mix with any adjuvant, surfactant, oil, or other pesticide (except for cotton insecticides).

DO NOT apply in any manner except as described in this label, or crop injury and/or yield reduction may occur.

DO NOT apply if cotton is under stress (including stress related to previous pesticide treatments, poor fertilization, environmental conditions and/or pest damage) at time of application. If cotton is under stress (including stress related to previous pesticide treatments, poor fertilization, environmental conditions, and/or pest damage) at time of application, **Prowl H₂O** may retard cotton recovery and/or adversely affect yield.

Postemergence Applications

Prowl H₂O Use Rates Alone or in Tank Mix with Roundup PowerMax® herbicide, or Roundup WeatherMax® herbicide, or Ignite® herbicide

Soil Texture	Conventional, Minimum, or No Tillage (pts/A)
Coarse	1.0 to 2.0 ¹
Medium	1.5 to 2.0
Fine	2.0

¹ **DO NOT** exceed 1.6 pts/A on coarse-textured soils in California.

Restrictions and Limitations

DO NOT apply **Prowl H₂O** in no-till in California.

DO NOT exceed the highest seasonal rate per acre for any given soil type.

DO NOT exceed 2.0 pts/A of **Prowl H₂O** (0.95 lb active ingredient/A) when applied postemergence to cotton for any given soil type.

Preharvest Interval (PHI) is **60 days** between the last **Prowl H₂O** application and harvest.

In treated cotton fields, forage may be fed to or grazed by livestock.

DO NOT exceed the cumulative maximum seasonal rate of 4.2 pints of **Prowl H₂O** per acre (2.0 lbs active ingredient/A) for combined preplant/preemergence and postemergence applications.

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.

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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.

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. 1108

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Roundup, *Roundup PowerMAX*, *Roundup Ready*, and *Roundup WeatherMAX* are registered trademarks of Monsanto Technology LLC.

Staple is a registered trademark of E.I. duPont de Nemours and Company.

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