

For distribution and use only in
the state of Arizona

Pendimethalin

Group

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Herbicide

FIFRA Sec. 24(c) Special Local Need Label

Prowl® H2O

Herbicide

For use in guayule production in Arizona

This label is valid until December 31, 2028 or until otherwise amended, withdrawn, canceled, or suspended.

EPA Reg. No. 241-418

CAUTION/PRECAUCION

EPA SLN No. AZ-080009

Directions For Use

Refer to the Prowl® H2O herbicide main label, EPA Reg. No. 241-418, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Prowl H2O container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Prowl H2O is toxic to fish. The applicator must refer to and be familiar with the environmental hazards identified on the product label. **DO NOT** apply directly to or over surface waters of the state of Arizona.

Threatened and Endangered Species

Special local needs (SLN) labels are important to Arizona's niche industries that face significant economic risks due to local pest problems. Our stewardship of this important labeling process must consider the potential off-target effects of any pesticide used in Arizona. This includes any potential harm to threatened or endangered (TE) species in our state. Please carefully consider the use of this pesticide and obtain as much information as you can to help ensure your application will have no impacts on TE species.

Product Information

Prowl H2O may be applied for preemergence weed control of most annual grasses and certain broadleaf weeds in guayule crop production.

Prowl H2O controls weeds as they germinate but will not control established weeds. Emerged weeds must be destroyed with tillage prior to applications, or use **Prowl H2O** in combination with a postemergence herbicide registered for use in guayule to remove the vegetation.

Prowl H2O treatments are most effective in controlling weeds when adequate rainfall or irrigation is received after application.

Use Methods, Rates and Timings

Guayule Coated Seed:

Preplant Incorporated. Apply **Prowl H2O** herbicide within 60 days of planting. After **Prowl H2O** is applied, incorporate as soon as possible, but no later than 30 days after the application.

Preemergence. Apply **Prowl H2O** at planting or up to 2 days after planting but before irrigation.

Broadcast Postemergence. Apply **Prowl H2O** broadcast postemergence (in water) over the top of guayule after guayule reaches the 4-leaf growth stage, but not after the plants reach the 6-inch growth stage. Over-the-top applications made before the 4-leaf growth stage may result in crop injury and/or yield loss.

Post-Directed and/or Layby Applications (at last cultivation before harvest). Apply **Prowl H2O** directly to the soil between rows as a directed spray, ideally after cultivation and before irrigation. Post-directed and layby applications can be applied to guayule after the plants reach the 6-inch growth stage.

Post-Harvest Broadcast Postemergence. Apply **Prowl H2O** broadcast postemergence to guayule cut stems after above ground biomass harvest but before irrigation. Use rates specified for **Post-Directed and/or Layby Applications**.

Use Rates

Preplant, Preemergence, Postemergence from the 4-leaf growth stage up to the 6 inch tall growth stage

Soil Texture	Broadcast Rate (pts/A)
Coarse	2.0
Medium	2.0
Fine	3.0

Post-Directed at the Base of Plants and between Rows or Layby (plants > 6 inches tall). Use rates for **Prowl H2O** alone and in tank mix combinations are given in the following table.

Prowl H2O Broadcast Rate (quarts per acre)	
Low Use Rate	1.0 to 2.1
High Use Rate	2.1 to 3.15

Apply **Prowl H2O** at 1.0 to 3.15 quarts per acre during the spring and/or fall to control weeds expected to emerge during these periods.

Transplanted Guayule Seedlings:

Prior to or after transplanting guayule, uniformly apply in 20 or more gallons per acre (broadcast basis) with ground equipment. Applications may be band or broadcast.

Apply after transplanting guayule, making sure no roots are exposed and the soil is well sealed around the plant to reduce the potential for the herbicide coming into contact with the roots of the guayule plants.

Apply the spray directly to the ground beneath the shrubs. Contact with leaves, shoots, or buds by the spray mixture may cause malformed plant tissues.

Use rates for **Prowl H2O** alone and in tank mix combinations are given in the following table.

Prowl H2O Broadcast Rate (quarts per acre)	
Low Use Rate	1.0 to 2.1
High Use Rate	2.1 to 3.15

Apply **Prowl H2O** at 2.1 to 4.2 quarts per acre during the spring and/or fall to control weeds expected to emerge during this period.

DO NOT exceed 6.3 quarts per treated acre per year.

Chemigation Applications

Prowl H2O may be applied through sprinkler irrigation systems, or flooded basin, or furrow irrigation systems. **DO NOT** apply through any other type of irrigation system. Refer to and follow all recommendations, special instructions, and precautions in the **Chemigation** section on the **Prowl H2O** main container label. If you have questions about calibration, contact state extension service specialists, equipment manufacturers, or other experts.

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.

Application of **Prowl H2O** through irrigation systems should be used as a *supplemental weed control practice*. Addition of **Prowl H2O** through irrigation systems will help prevent weed escapes at the irrigation point when application is made before weed seeds germinate.

Tank Mixes

Prowl H2O herbicide may be applied in a tank mix with any herbicide(s) registered for use in guayule to extend the weed spectrum. When using tank mixes with **Prowl H2O**, always read the companion product(s) label to determine the specific use rates by soil types, weed species, and weed growth stage. In addition, follow all precautions and restrictions, including state and local restrictions that may apply to specific products. Always follow the most restrictive label.

Restrictions and Limitations

- **DO NOT** apply by air.
- **DO NOT** apply more than 6.3 quarts per acre per year (a single growing season).
- **DO NOT** feed, forage, or graze livestock in treated areas.
- Following a **Prowl H2O** application to guayule, reference **Prowl H2O** container labeling for rotational crop restrictions.

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 Agricultural Solutions US LLC ("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.

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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.

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