

Straight Answers about Habitat[®] Herbicide

Smart vegetation control for aquatic areas

What is Habitat[®] herbicide?

Habitat is a low-volume herbicide that provides effective, long-lasting postemergent control of undesirable floating and emergent aquatic vegetation – including a broad spectrum of shoreline grass, broadleaf weeds, brush species and many perennials.

Why is Habitat considered a low-volume herbicide?

Habitat contains the active ingredient imazapyr, which is part of the imidazolinone chemical family manufactured by BASF Corporation. These products are effective at very low rates, which puts less chemical load on the environment. The active ingredient in **Habitat** does not contain heavy metals, organochlorides or phosphates.

How does Habitat work?

Habitat inhibits a plant-specific enzyme, causing the plant to stop growing and slowly die as its food and energy reserves are exhausted. This enzyme is not found in animals or humans.

Where can Habitat be used?

Habitat is labeled for use in and around standing and flowing water – including lakes, rivers, streams, ponds, seeps, drainage ditches, canals, reservoirs, terrestrial, estuarine, marine and aquatic sites and seasonal wet areas. See the **Habitat** label for precautions, restrictions and instructions on aquatic uses.

How fast does Habitat work?

Within 10 hours of application, **Habitat** slows and stops growth of susceptible species. Generally, one to two weeks after application plant yellowing (chlorosis) can be seen. Between two and four weeks, death of growing plants occurs. Complete control of targeted vegetation may take a month or more.

How is Habitat applied?

Habitat is versatile enough to work well with a variety of application methods and equipment – including low-volume foliar backpack and hydraulic applications, and cut surface, boom equipment and aerial applications.

Who can apply Habitat?

Only federal and state government entities, or licensed and/or certified aquatic pest control applicators that are authorized by state or local governments, may apply **Habitat**.

How does Habitat affect the environment?

Habitat has met all of the United States Environmental Protection Agency (EPA) requirements for aquatic use and as such should not result in unreasonable risk to the environment when use as labeled.

How does Habitat affect humans and animals?

With the exception of green plants, **Habitat** is considered to be practically nontoxic as determined by results from EPA-required testing (see **Habitat** Technical Information Bulletin for specific study results). This is true in part because of its mode of action that directly inhibits AHAS, a plant specific enzyme. **Habitat** has undergone the full battery of EPA-required testing and results indicate that **Habitat** is not a mutagen, carcinogen, terratogen or endocrine disruptor. Furthermore when used as labeled, **Habitat** should not have a direct adverse effect on mammals, birds, fish, crustaceans, mollusks or insects.

Can livestock consume water treated with Habitat herbicide?

There are no restrictions on livestock consumption of water from an area treated with **Habitat**.

Are there any irrigation restrictions with the use of Habitat?

Water treated with **Habitat** may not be used for irrigation purposes for 120 days after application or until herbicide residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less. Please consult the **Habitat** label for other irrigation restrictions that may apply.

What are the recreational use restrictions following application of Habitat?

There are no restrictions on the recreational use of water in the **Habitat** treatment area – including swimming and fishing.

Where can I get more information about Habitat?

Contact your BASF vegetation specialist or visit the BASF web site at www.vmanswers.com. If you have further questions or require technical assistance, please contact our customer service department at **1-800-545-9525**.

Always read and follow label directions.

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