

Habitat Aqua herbicide

technology sheet

Provides control of undesirable, invasive vegetation growing in non-cropland areas, including areas in or around specified aquatic sites.

- Readily absorbed through emergent foliage and rapidly translocated throughout the plant
- Suitable for sites where applications may result in inadvertent applications to surface water
- May be used in directed applications for control of invasive plants in naturalized areas, including privately owned, provincial, federal or other public lands and parks

Active ingredient

Imazapyr – Group 2

Formulation

Aqueous solution

One case contains

2 x 9.5 L jugs

Storage

Store away from food and feed, above -12°C.

How it works:

Habitat® Aqua herbicide is readily absorbed through foliage and rapidly translocated throughout the plant. Treated plants stop growing shortly after an application. Chlorosis appears first in the newest leaves, and necrosis spreads from this point. In perennials, the herbicide is translocated into underground or submerged storage organs, which not only controls weeds, but also prevents regrowth. Chlorosis and tissue necrosis may not be apparent until the season following an application.

Habitat Aqua must be applied to emergent foliage of the target vegetation, using care to avoid over-application or run-off that might result in an inadvertent application directly to water. Habitat Aqua does not control plants that are completely submerged or have a majority of their foliage under water. The application of Habitat Aqua requires Aquasurf® non-ionic spray adjuvant or another non-ionic surfactant. When making aquatic applications, these applications must be made with Aquasurf.

Weeds controlled

Invasive Phragmites: European reed (*Phragmites australis*)

Invasive Cordgrasses: Denseflower (*Spartina densiflora*), Salt-meadow (*Spartina patens*), Smooth (*Spartina alterniflora*) and Common (*Spartina anglica*)

Flowering rush (*Butomus umbellatus*)

Invasive Knotweeds: Japanese (*Reynoutria japonica*), Bohemian (*Reynoutria bohemica*), Giant (*Reynoutria sachalinensis*) and Himalayan (*Koenigia polystacha*)

Product use restrictions

This is a restricted product that must be used in the manner authorized.

This product is only to be used by individuals holding an appropriate pesticide applicator certificate or license recognized by the provincial/territorial pesticide regulatory authority where the pesticide application is to occur.

Do not apply to bodies of water, including ditches, which are used for irrigation.

Do not apply where runoff water may flow onto agricultural land as injury to crops may result.

Do not use on food or feed crops.

Do not use on lawns, walks, driveways, tennis courts or similar areas.

Use care to avoid over-application or run-off that might result in an inadvertent application directly to water.

Use of this product in or immediately adjacent to water bodies must be appropriately authorized and used in accordance with the Aquatic Invasive Species Regulations under the Fisheries Act. Use of this product must also be in accordance with any other required provincial authorizations. Consult with provincial regulatory authorities on any authorizations required prior to use of this product.

DO NOT apply Habitat Aqua to water within 1 km upstream of an active potable water intake in slow-moving water, like a river or stream, or within 1 km of an active potable water intake in a standing body of water, such as a lake, slough, pond or reservoir. To make aquatic applications around and within 1 km of active potable water intakes, the water intake must be turned off during application and for a minimum of 48 hours after the application.



We create chemistry

Environment, health and safety

General information

Re-entry interval: Once spray residue has dried (ground application).

User toxicology

Oral LD₅₀: >2,000 mg/kg.
Dermal LD₅₀: >5,000 mg/kg.
Skin irritant: Non-irritating.
Eye irritant: Non-irritating.
Bioaccumulation: No.
Carcinogenic: Non-carcinogenic.
Mutagenic: Non-mutagenic.

Ecotoxicity

Fish: High probability that the product is not acutely harmful.
Aquatic insects: High probability that the product is not acutely harmful.

Environmental fate

Buffer zones: When using Habitat Aqua to treat invasive plants in aquatic and terrestrial areas, mandatory spray buffer zones are not required. However, damage to non-target terrestrial and emergent aquatic plants may be observed within the downwind distances from the site of application. Consult the label for the table of advisory distances.

Irrigation restrictions: DO NOT use water treated with Habitat Aqua to irrigate crops.
DO NOT apply Habitat Aqua to ditches used for irrigation.
DO NOT apply where runoff water may flow onto agricultural land as injury to terrestrial crops may result.

Livestock restrictions: DO NOT graze, cut or feed treated crops to livestock.

Recreational restrictions: There are no restrictions on the recreational use of water in the Habitat Aqua treated area – including swimming and fishing.

Handling precautions

Read Habitat Aqua label before using.
Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a close cab and/or cockpit.
Avoid breathing spray and mist. Use with adequate ventilation.
Wash thoroughly after using. Launder clothes separately.

First aid

Eye contact: Flush with water for at least 15 minutes.
Skin contact: Rinse skin with water for 15 to 20 minutes.
Inhalation: Remove to fresh air.
Ingestion: Rinse mouth and sip water, do not induce vomiting and seek medical attention.

Call 1-800-454-2673 for 24-hour assistance.

For more information

Visit www.BetterVM.ca.

Always read and follow label directions.

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