

Sonar[®] Genesis Aquatic Herbicide

EPA Reg. No. 67690-54

24(c) Special Local Need Registration (SLN CT-260002)

This label for Sonar Genesis Aquatic Herbicide expires and must not be distributed or used in accordance with this SLN registration after 31 December 2035.

ONLY FOR THE MANAGEMENT OF HYDRILLA IN THE CONNECTICUT RIVER AND ITS TRIBUTARIES BY THE US ARMY CORPS OF ENGINEERS OR STATE RESOURCE MANAGEMENT AGENCIES

ATTENTION

- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.
- **This 24(c) supplemental labeling applies only for use in the management of hydrilla in the Connecticut River and its tributaries.**
- **See product label for Precautionary Statements, Environmental Hazards, First Aid, Storage and Disposal, Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies.**
- This FIFRA Section 24(c) labeling must be in the possession of the user at the time of application.
- Notice to All Pesticide Applicators in the State of Connecticut: Before application under any project program, notification of and approval by the CT Dept of Energy and Environmental Protection (DEEP) is required by an aquatic permit issued pursuant to CGS § 22a-66z.
- This supplemental labeling must accompany every container of Sonar Genesis (EPA Reg. No. 67690-54) sold or distributed in Connecticut and utilized for hydrilla management in the Connecticut River and its tributaries.
- Sonar Genesis is classified as Aquatic Permit Use only in Connecticut and may be sold, offered for sale, distributed, possessed or used only by a certified applicator.
- User must follow all additional water use restrictions or precautions required by a project-specific Connecticut DEEP permit for hydrilla management in the Connecticut River and its tributaries.
- All restrictions and precautions on the EPA registered label are to be followed.

DIRECTIONS FOR USE

PRODUCT INFORMATION

Sonar Genesis is a selective systemic aquatic herbicide for management of freshwater aquatic vegetation in ponds, lakes, reservoirs, including flowing tributaries of lakes and reservoirs, potable water sources, drainage canals and irrigation canals, including dry or de-watered areas of these sites. With this Special Local Need labeling, this product can be used in the Connecticut River and its tributaries for hydrilla management.

Application rates and calculations of Sonar Genesis are provided to achieve a desired concentration of the active ingredient in parts per billion (ppb). **Sonar application in the Connecticut River and its tributaries for hydrilla control will seek to maintain 1 – 5 ppb of active ingredient concentrations in target management areas for the duration of the**

Sonar[®] Genesis Aquatic Herbicide

FIFRA 24(c) - SPECIAL LOCAL NEED (SLN) LABEL



SePRO Corporation 11550 North Meridian Street, Suite 600, Carmel, IN 46032 USA

permitted treatment program. Flow rate in the treatment area and other factors can be considered to maintain optimal Sonar levels as monitored using FastEST analytical testing. Concentration of active ingredient in the treated area not to exceed 10 ppb.

Additional Use Restrictions and Precautions for the Connecticut River and its tributaries

- **Water Use Restrictions Following Applications with Sonar Genesis when used to treat the Connecticut River and its tributaries (Days)**

Average Water Concentration [†]	Drinking ^{††}	Fishing	Swimming	Livestock/Pet Consumption	Irrigation ^{†††}
1 - 5 ppb	0	0	0	0	See irrigation instructions below

[†] Sustained target range for treatment. Higher concentrations may be sporadically detected by FastEST during short-term mixing.

^{††} Note below, under *Potable Water Intakes*, the information for application of Sonar Genesis within ¼ mile (1,320 feet) of a functioning potable water intake.

^{†††} Note below, under *Irrigation*, fluridone concentrations that provide the widest safety margin for irrigating with treated water.

- **Potable Water Intakes:** At target application rates allowed by this SLN label, Sonar Genesis may be applied to the Connecticut River and its tributaries where functioning potable water intakes are present in the surface water to be treated. **NOTE: Existing potable water intakes which are no longer in use, such as those replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes.**
- **Irrigation:** Irrigation from a treated area may result in injury to the irrigated vegetation. For hydrilla management in the Connecticut River and its tributaries, inform those who irrigate using surface water from a section of the river under active management of the following irrigation restrictions and precautions:
 - For tobacco, tomatoes, peppers or other plants within the Solanaceae Family and newly seeded crops or newly seeded grasses such as overseeded golf course greens: Do not use Sonar Genesis treated water if measured fluridone concentrations are greater than 5 ppb.
 - When rotating crops: Do not plant members of the Solanaceae family in land that has been previously irrigated with fluridone concentrations in excess of 5 ppb.
 - Hydroponic Farming: Do not use surface water from a section of the river under active management for hydroponic farming unless one of the following has been verified for that surface water:
 - A FastEST[®] has been run and the concentration in water at the intake is less than 1 ppb; or
 - A filtration or water treatment process following water intake has been verified analytically to reduce the concentration in potential irrigation water below 1 ppb.

Sonar[®] Genesis Aquatic Herbicide

FIFRA 24(c) - SPECIAL LOCAL NEED (SLN) LABEL



SePRO Corporation 11550 North Meridian Street, Suite 600, Carmel, IN 46032 USA

- Greenhouse and Nursery Plants: Do not use surface water from a section of the river under active management for greenhouse and nursery irrigation unless one of the following has been verified for that surface water:
 - For the irrigation of woody ornamental plants, a FastEST has been run and the concentration at the intake is less than 5 ppb; or
 - For the irrigation of other greenhouse or nursery plants, the concentration is confirmed less than 1 ppb; or
 - A filtration or water treatment process following water intake has been verified analytically to reduce the concentration in potential irrigation water below either the 1 or 5 ppb levels cited above.
- For other irrigation uses of surface water including watering of established turf, established crops and ornamental species, there are no restrictions on irrigation.

MIXING AND APPLICATION DIRECTIONS

Sonar Genesis may be applied or metered directly into the treated area or diluted with water prior to application.

Application Rate Calculation

The amount of Sonar Genesis to be applied to provide the desired ppb concentration of active ingredient in treated water may be calculated as follows:

Application Rate Calculation for flowing water of the Connecticut River and its tributaries

The amount of Sonar Genesis to be applied through a drip or metering system to provide the desired ppb concentration of active ingredient in treated water may be calculated as follows:

1. $CFS \times 1.98 = \text{acre feet per day (water movement)}$.
2. $\text{Acre feet per day} \times \text{desired ppb} \times 0.0054 = \text{Gallons Sonar Genesis required per day}$

*: Refer to USGS data for CFS discharge in various locations of the Connecticut River and its tributaries. If data are not available, then calculate CSF as follows:

$\text{Average flow rate (feet per second)} \times \text{average river channel width (ft.)} \times \text{average canal depth (ft.)} \times 0.9 = \text{CFS (cubic feet per second)}$.

© Copyright 2025 SePRO Corporation

® Sonar and FastEST are registered trademarks of SePRO Corporation

EPA Registration No. 67690-54