



Sonar[®] PR Precision Release

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

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

Sonar[®] PR Precision Release

EPA Reg. No. 67690-12

24(c) Special Local Need Registration (SLN NY-130001)

Classified for
"RESTRICTED USE"

in New York State
under 6NYCRR Part 326

ACCEPTED
FOR REGISTRATION

June 7, 2013

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

This label for Sonar PR Precision Release expires and must not be distributed or used in accordance with this SLN registration after 31 December 2018.

FOR DISTRIBUTION AND USE ONLY FOR THE MANAGEMENT OF INVASIVE CAROLINA FANWORT (*CABOMBA CAROLINIANA*) IN DONAHUE POND (STATE OF NEW YORK) AND ITS INLET.

An herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, potable water sources, drainage canals, irrigation canals and rivers.

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.
- **In the state of New York, Sonar PR is registered under FIFRA Section 24(c) as a Special Local Need (SLN) registration. For the state of New York, this 24(c) supplemental labeling provides directions for use, including use precautions and limitations applicable to the use of Sonar PR and does not supersede the Directions for Use on the product/package label.**
- **This 24(c) supplemental labeling applies only for use in the management of invasive fanwort in Donahue Pond (NY) and its inlet.**
- **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 New York: Before application under any project program, notification of and approval by the NYS Department of Environmental Conservation is required by an aquatic permit issued pursuant to ECL Section 15.0313(4).
- This supplemental labeling must accompany every container of Sonar PR (EPA Reg. No. 67690-12) sold or distributed in New York State and utilized for fanwort management in Donahue Pond and its inlet.
- Sonar PR (EPA Reg. No. 67690-12) is a Restricted Use Pesticide in New York State and may be sold, offered for sale, distributed, possessed or used only by a certified applicator or purchase permit holder.
- User must follow all additional water use restrictions or precautions required by a project-specific NYSDEC permit for fanwort management in Donahue Pond.
- All restrictions and precautions on the EPA registered label are to be followed.

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DIRECTIONS FOR USE

PRODUCT INFORMATION

Sonar PR is a selective systemic aquatic herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, drainage canals, irrigation canals, and rivers. Sonar PR is a pelleted formulation containing 5% fluridone. Sonar PR is absorbed from water by plant shoots and from hydrosol by the roots of aquatic vascular plants.

Application rates and calculations of Sonar PR are provided to achieve a desired concentration of fluridone in parts per billion (ppb). **The maximum application rate or sum of all applications cannot exceed 150 ppb per annual growth cycle. This maximum concentration is the amount of product calculated as the target application rate, NOT determined by testing the concentration of fluridone in the treated water.**

Use Restrictions and Precautions

- **Obtain Required Permits:** Consult with appropriate state or local pesticide and/or water authorities before applying this product in or around public waters.
- **Minimum water depth for application:** For management of fanwort in Donahue Pond and its inlet, Sonar PR may be applied in any depth of water to meet fanwort control objectives. **More specifically, Sonar PR may be applied in less than 2 feet of water where deemed necessary to achieve appropriate exposure to target fanwort plants.**
- **Hydroponic Farming:** Do not use Sonar PR treated water for hydroponic farming unless a FastEST has been run and confirmed that concentrations are less than 1 ppb.
- **Greenhouse and Nursery Plants:** Do not use Sonar PR treated water for irrigating greenhouse or nursery plants unless a FastEST has been run and confirmed that concentrations are less than 1 ppb.
- **Water Use Restrictions Following Applications With Sonar PR when used to treat Donahue Pond and its inlet (Days)**

Application Rate	Drinking [†]	Fishing	Swimming	Livestock/Pet Consumption	Irrigation ^{††}
Maximum Rate (90 ppb as a.i.) or less	0	0	0	0	See irrigation instructions below

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

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

- **Potable Water Intakes:** Do not apply Sonar PR at application rates greater than 20 ppb within one-fourth (1/4) mile (1,320 feet) of any functioning potable water intake. At application rates up to 20 ppb, Sonar PR may be applied where functioning potable water intakes are present.

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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 Sonar PR treated area may result in injury to the irrigated vegetation. For the specific use for fanwort management in Donahue Pond and its inlet, inform those who irrigate from areas treated with Sonar PR 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 PR 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.
 - For other irrigation uses including watering of established turf, established crops and ornamental species: There are no restrictions on irrigation as long as measured herbicide concentrations are below 10 ppb. If such values are measured, consult with SePRO on recommended approach to irrigation of these plant groups with treated water.
 - **It is recommended that a SePRO Aquatic Specialist be consulted prior to commencing irrigation with treated waters.**

APPLICATION DIRECTIONS

Application to Donahue Pond

Where dilution of Sonar PR with untreated water is anticipated, split or multiple applications may be used to extend the contact time to the target plants. The application rate and use frequency of Sonar PR for fanwort management in select areas of Donahue Pond and its inlet will be determined on a site-specific basis within the maximum use rates described above.

For applications to select areas of Donahue Pond and its inlet, the maximum target application rate is 90 ppb and will be targeted based on FastEST herbicide monitoring results to assist with maintenance of herbicide concentrations necessary to control target fanwort. Split or multiple applications may be used; however, the sum of all applications must not exceed a total of 150 ppb per annual growth cycle.

Application Rate Calculation

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

$$\text{Pounds of Sonar PR required per treated acre} = \text{Average water depth of treatment site} \times \text{Desired ppb concentration of active ingredient} \times 0.054$$

For example, the pounds per acre of Sonar PR required to provide a concentration of 5 ppb of active ingredient in water with an average depth of 2 feet is calculated as follows:

$$2 \times 5 \times 0.054 = 0.54 \text{ pounds per treated surface acre.}$$

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NOTE: Calculated rates may not exceed the maximum allowable rate in pounds per treated surface acre for the water depth listed in the application rate table for the site to be treated.

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EPA Registration No. 67690-12

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New York State Department of Environmental Conservation

Division of Materials Management

Bureau of Pest Management

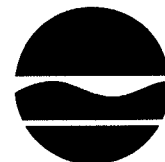
Product Registration and Pest Management Alternatives

625 Broadway, Albany, New York 12233-7257

Phone: (518) 402-8768 • Fax: (518) 402-9024

Website: www.dec.ny.gov/chemical/8528.html

E-Mail: ppr@gw.dec.state.ny.us



Joe Martens
Commissioner

June 7, 2013

VIA E-Mail

Ms. Kelley White
SePRO Corporation
11550 N. Meridian Street, Suite 600
Carmel, Indiana 46032

Dear Ms. White:

**Re: Registration of Special Local Need Labeling for the Geographically Limited
Use of Sonar PR (EPA Reg. No. 67690-12) Assigned SLN No. NY-130001**

The New York State Department of Environmental Conservation (Department) has reviewed your application to register Special Local Need (SLN) labeling for **Sonar PR** (EPA Reg. No. 67690-12) for limited use in Donahue Pond and its inlet stream located in the town of Manorville, New York, for the management of the invasive species Carolina Fanwort (*cabomba caroliniana*). The product contains the active ingredient fluridone (chemical code 112900) at 5% as a pellet formulation. Sonar PR is labeled to control undesirable aquatic weeds in fresh water ponds, lakes, reservoirs, drainage canals, and irrigation canals.

In accordance with the Department regulation 6NYCRR 326.2(b)(4)(ii) for the active ingredient Fluridone: "applications of pellet formulations are not permitted in waters less than two feet deep. The use of pellet formulations in waters less than two feet deep may be authorized for the control of invasive species. This use will be authorized by the issuance of an Article 15 permit and the pellet formulations shall only be applied in accordance with label and labeling directions or as modified and approved by the Department of Environmental Conservation."

The Department has reviewed the supporting information provided by SePro Corporation regarding the lack of control of Carolina Fanwort in Donahue Pond because of the continued propagation of this invasive species in the less than two feet deep areas of this Pond. Donahue Pond encompasses 39 acres with an average depth of 3.5 feet. Donahue Pond and the surrounding land is owned by the County which leases the upper end of the pond and inlet stream to a fish and game club, swimming is not permitted in the area. The pond bottom is unattractive to wading or entry by swimmers by relatively soft sediments and turbidity.

SePRO Corporation has demonstrated control of Carolina Fanwort in deeper areas of Donahue Pond but re-infestation of treated areas is occurring because of the regulatory limitations which prohibit treatment with pelleted formulations of fluridone in less than two feet of water. Less than complete treatment of the pond is allowing the spread of this high risk invasive plant to other waters connected to the outflow of Donahue Pond. Therefore, the Department will grant this 24(c) registration for the use of Sonar PR in Donahue Pond and its inlet stream. This SLN can be renewed for a period of five years and its use is subject to authorization by the issuance of an Article 15 permit.

The SLN labeling will limit application of Sonar PR to a geographically limited treatment area that is not conducive to swimming or other water uses by children that may be attracted to the pelleted formulation. The pellets that will be allowed for use by SLN labeling are not shaped or colored to be attractive. In addition, the areas receiving the pellet application of Sonar PR have high turbidity levels so pellets that sink below the water surface will most likely be obscured from view.

The Department reminds the registrant that there are no chemical-specific federal or New York State drinking water/groundwater standards for fluridone. However, based on its chemical structure, this compound falls under the 50 microgram per liter ($\mu\text{g/L}$) New York State drinking water standard for unspecified organic contaminants" (10NYCRR Part 5, Public Water Systems). The application of Sonar PR in accordance with the SLN No. NY-130001 labeled use directions will ensure that no NYS drinking water standards will be exceeded.

The SLN labeling specifies the New York State required aquatic use restrictions for Sonar PR (EPA Reg. No. 67690-12) for use within the designated treatment area of Donahue Pond in the town of Manorville, New York. The product is assigned the registration number: **SLN No. NY-130001.**

Therefore, under the authority of Section 24(c) of FIFRA, the Department hereby grants a Special Local Need registration for Sonar PR (EPA Reg. No. 67690-12) for specified use within the designated treatment area of Donahue Pond and its inlet stream.

The SLN labeling contains the specific aquatic uses allowed for treatment of Carolina fanwort in Donahue Pond and its inlet stream. All precautionary statements, applicable use directions, use precautions and limitations of the labeling affixed to the Sonar PR container must be followed.

The SLN registration for the product **Sonar PR** (SLN No. NY-130001), as noted on the "restriction" column of the certificate, is classified as "restricted use" in New York State under rules and regulations 6NYCRR 326.2(h). As such, this product is restricted in its purchase, distribution, sale, use, and possession in New York State.

According to New York State Department of Environmental Conservation Regulations 6NYCRR 326.3(a): "It shall be unlawful for any person to distribute, sell, offer for sale, purchase for the purpose of resale, or possess for the purpose of resale, any restricted pesticide unless said person shall have applied for, and been issued a commercial permit."

Should you require information to obtain a commercial permit, please contact the Pesticide Reporting & Certification Section, at (518) 402-8748.

The Pesticide Reporting Law (PRL) in the Environmental Conservation Law Article 33 Title 12 requires all certified commercial pesticide applicators to report information annually to the Department regarding each pesticide application they make. **Commercial pesticide retailers are required to report all sales of restricted pesticide products and sales of general use pesticide products to private applicators for use in agricultural crop production.** If no sales are made within New York State, a report still must be filed with the Department indicating this is the case.

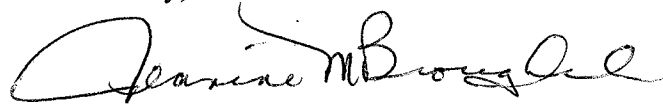
If you need information relating to the Pesticide Reporting Law, or annual report forms, please visit the Department's website at <http://www.dec.ny.gov/chemical/27506.html> or call (518) 402-8748.

The Certificate of Pesticide Registration and a copy of the New York State stamped "Accepted" SLN labeling and the associated container labeling for Sonar PR (EPA Reg. No. 67690-12), are enclosed for your records.

Please be reminded that a copy of the accepted SLN label **must** be in the possession of the user at the time of pesticide application.

Please contact Ms. Paula McBath, of my staff, at (518) 402-8768, if you have any questions.

Sincerely,



Jeanine M. Broughel
Chief
Product Registration and Pest Management
Alternatives Section

Enclosures