

# North

## Aquatic Solutions Guide



### Algae Control

#### Proactive Algae Management

**Description:** Routine maintenance applications. Moderate growth. Green pigmented water (planktonic algae). Light and fluffy green algae.

**Application Guidelines:** Start applications early in the season at onset of algae growth before it begins developing into thick mats or throughout the water column. Begin applications at the shoreline, then move towards the center. Apply every 2 - 3 weeks.

##### Solutions:

- **SeClear Algaecide & Water Quality Enhancer** : Rate – 5 to 7.5 gal/acre\*
- **SeClear G Algaecide & Water Quality Enhancer** : Rate – 15 to 20 lbs/acre\*
- **PAK<sup>27</sup> Algaecide**: Rate – 25 to 50 lbs/acre ft (non-copper alternative)
- **Phycomycin Algaecide**: Rate – 25 to 50 lbs/acre ft (non-copper alternative)

#### Reactive Algae Management

**Description:** Recovery applications. Heavy filamentous growth. Dark dense mats. Floating on the surface. Tough to control. Benthic or macroalgae.

**Application Guidelines:** Apply when algae growth is already a problem. Work to penetrate algae mats with high volume spray. Begin applications at the shoreline, then move towards the center. Apply as needed.

##### Solutions:

- **Captain<sup>®</sup> XTR Algaecide**: Rate – 2.5 gal/acre\*
- **Komeen<sup>®</sup> Descend**: Rate – 1.7 to 3.3 gal/acre ft

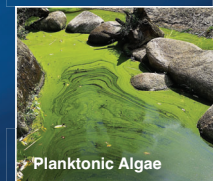
\*Rates assume 4ft average depth.



Filamentous Algae



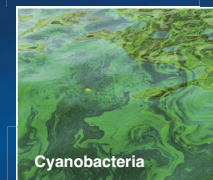
Filamentous Algae



Planktonic Algae



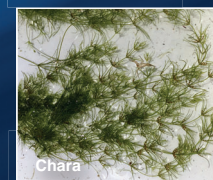
Planktonic Algae



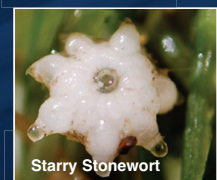
Cyanobacteria



Cyanobacteria



Chara



Starry Stonewort

### Water Quality Management

#### Combat Excess Phosphorus

EutroSORB Water Quality Technologies can stop phosphorus pollution before it starts, treat existing phosphorus pollution, and ensure that water quality is maintained after restoration.

**Application Guidelines:** Utilize EutroSORB F, WC, or G to combat excess phosphorus. EutroSORB F (filters) target moving water, WC (water column) targets the water column, and G (granular) targets sediment phosphorus.

##### Solutions:

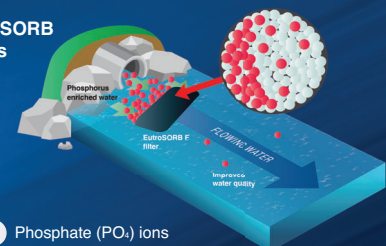
- **EutroSORB<sup>®</sup> F**: Rate – 1 Filter per 4 inches of water depth
- **EutroSORB<sup>®</sup> WC**: Rate – 2 to 4 PDUs per acre\*
- **EutroSORB<sup>®</sup> G**: Rate – 1 to 2 bags per acre\*
- **EutroSORB<sup>®</sup> SI**: Coming soon!

\*For routine maintenance. Rates assume 4ft average depth.



Visit [EutroSORB.com](http://EutroSORB.com) to learn more

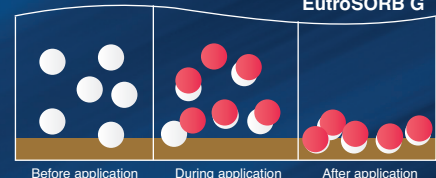
##### EutroSORB Filters



● Phosphate (PO<sub>4</sub>) ions

● EutroSORB F & G phosphorus binding media

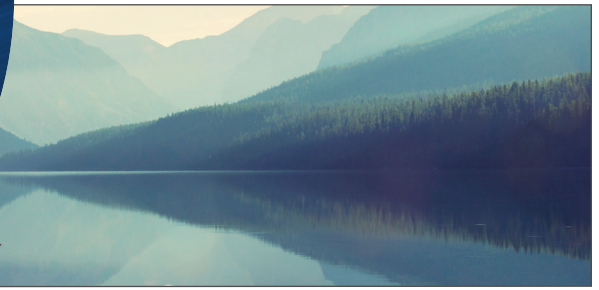
##### EutroSORB G



EutroSORB G binds free reactive phosphorus from sediments.

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## Aquatic Solutions Guide



### Aquatic Weed Control

#### Submersed Weeds

**Description:** Fully submersed below the surface of the water.

**Application Guidelines:** Apply pellet in and around submersed weed beds. Make applications as early in the growing season as possible.

**Solutions:**

- **SonarOne**<sup>®</sup>: Rate – 2 lbs/acre ft
  - Irrigation restrictions. Contact your SePRO Technical Specialist.
- **Komeen Descend**: Rate – 2.5 to 3.3 gal/acre ft
  - No irrigation restrictions.

#### Emergent & Floating Weeds

**Description:** Growing out of or on the water's surface.

**Application Guidelines:** Tank-mix with sufficient amount of water for good coverage of vegetation. Apply when plants are present and actively growing.

**Solutions:**

- **Clearcast**<sup>®</sup>: Rate – 32 to 64 fl oz/acre\*. Best cattail herbicide available.
- **Stingray**<sup>®</sup>: Rate – 8 fl oz/acre\*. Use combination with Clearcast or Sonar
- **Surfactant**: Rate – 1% MSO

#### Duckweed – Watermeal – Azolla

**Description:** Floating on the water's surface with roots hanging below and not attached to bottom of lake or pond.

**Application Guidelines:** Tank-mix with sufficient amount of water for good coverage of vegetation. Apply when plants are present and actively growing.

**Solutions:**

- **Sonar Genesis**<sup>®</sup>: Rate – Two applications, 3 to 4 weeks apart: 1 gal/acre\* for each application. Add in Stingray to speed up burn down!

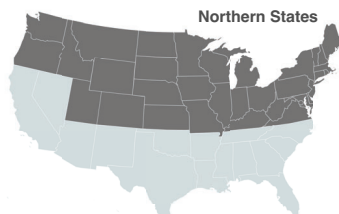
*\*Rates assume 4ft average depth.*

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Contact your regional **SePRO Technical Specialist** for site specific treatment prescriptions or call **1-800-419-7779**. Visit **sepro.com** to learn more.

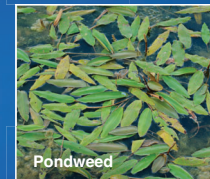
SePRO Corporation 11550 North Meridian Street, Suite 800, Carmel, IN 46032. Always read and follow label directions. Captain, EutroSORB, Komeen, Sonar, SonarOne, Sonar Genesis, SeClear & SeClear G Algaecide and Water Quality Enhancer are registered trademarks of SePRO Corporation. Stingray is a registered trademark of FMC Corporation. PAK 27 is a registered trademark of Solvay Chemicals. Clearcast is a registered trademark of BASF. ©Copyright 2023 SePRO Corporation.



Hydrilla



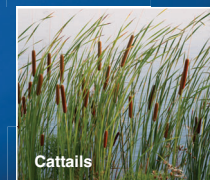
Milfoil



Pondweed



Coontail



Cattails



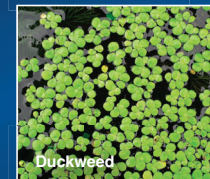
Parrotfeather



Water Hyacinth



Lily pad



Duckweed



Duckweed



Azolla



Watermeal