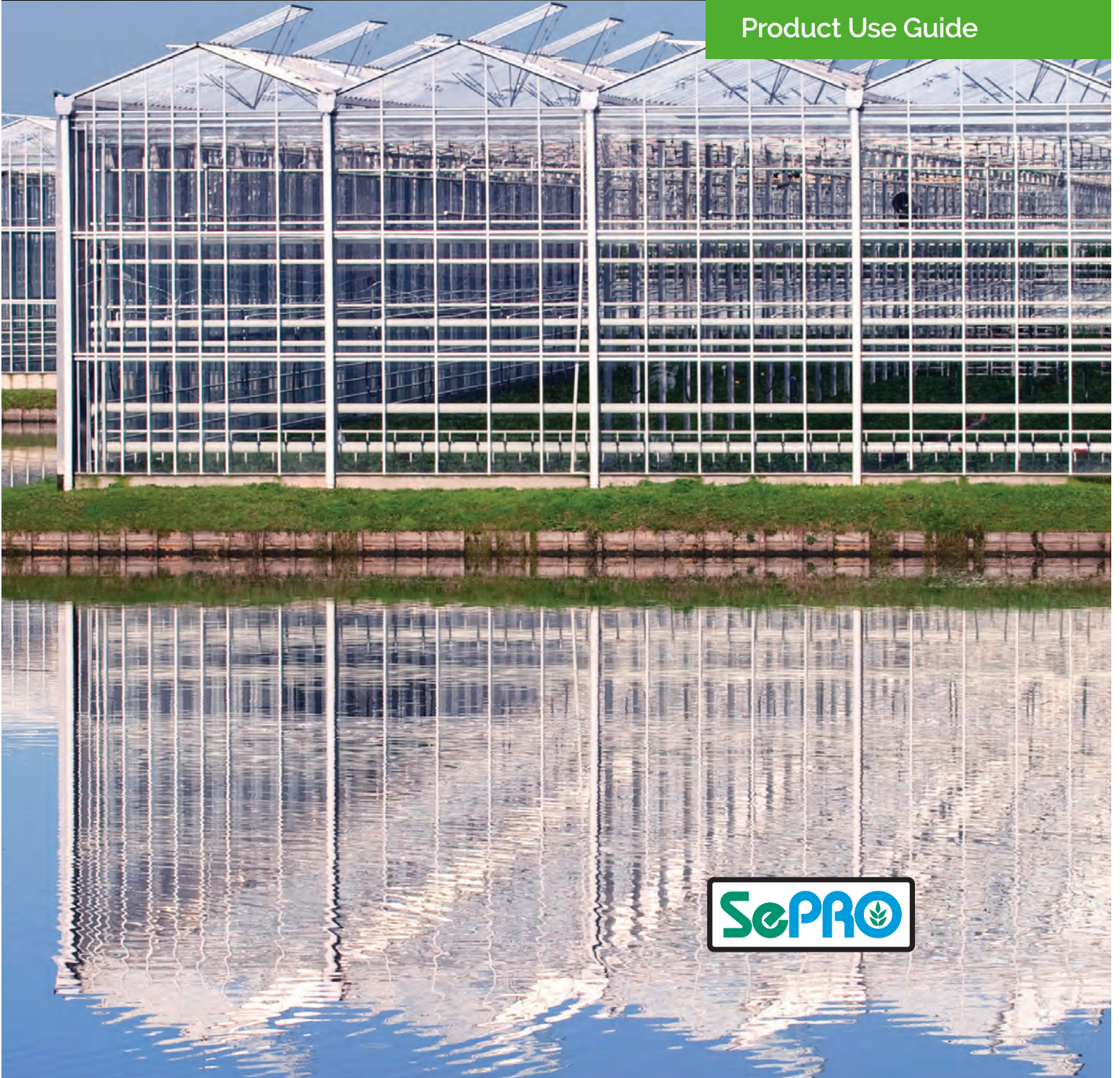


Bringing out the best management solutions for

Greenhouse and Nursery Ponds

Product Use Guide





Your growing operation depends on your hard work, and we want to partner with you to deliver healthy, beautiful plants, no matter the challenge.

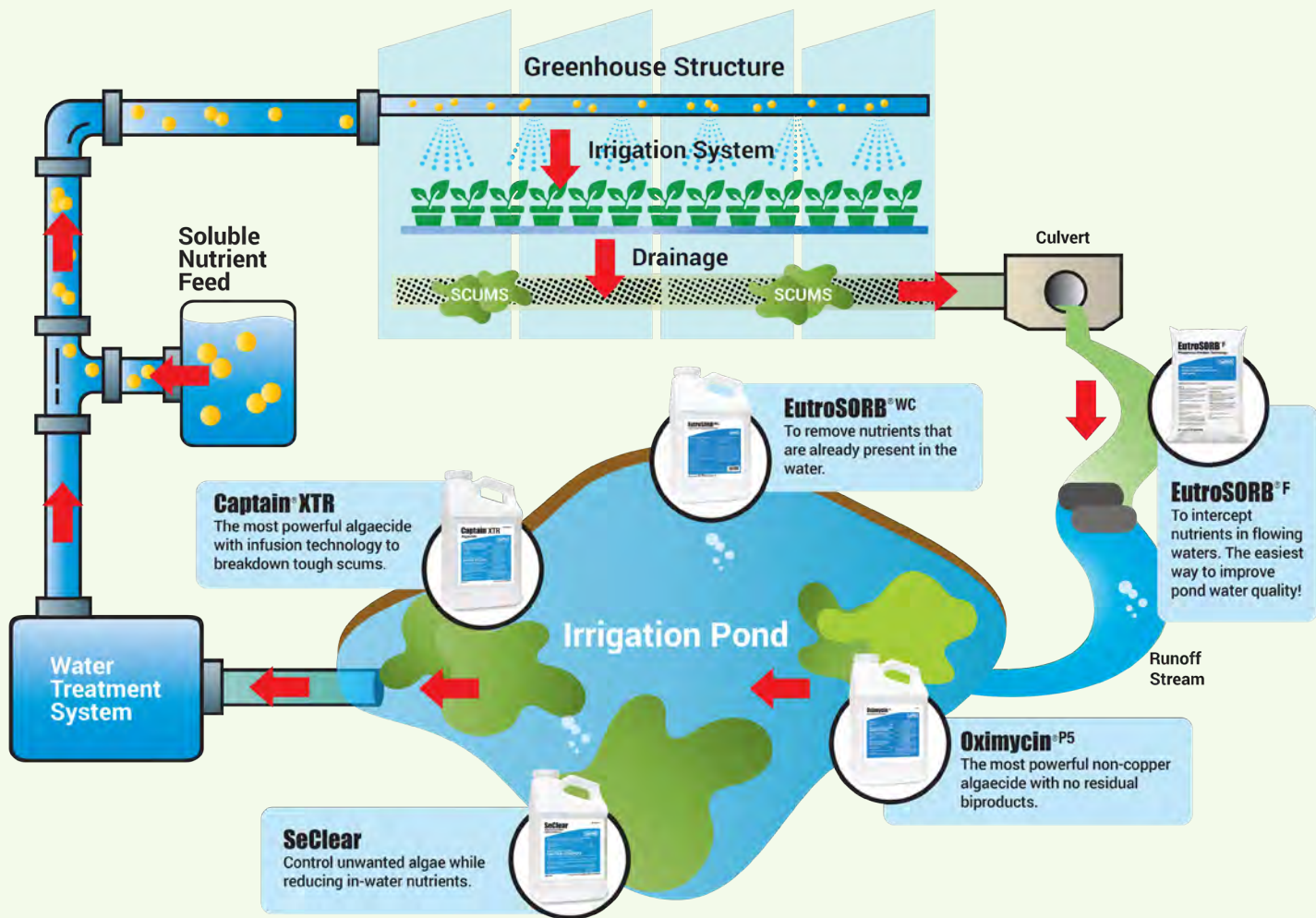
Alongside industry-leading insect and disease solutions, SePRO is a leader in aquatic products, especially for the ornamental industry. Controlling aquatic weeds, algae, and water quality can be straightforward, with some know-how and the right portfolio of products.

As you go the extra mile to protect your plants, SePRO is committed to providing innovative solutions to help you deliver extraordinary plants to your customers.

The aquatic solutions outlined in this guide represent the most reliable tools available today for successfully managing aquatic weeds, algae, and water throughout your greenhouse or nursery.

AQUATIC SOLUTIONS TO HELP YOU CREATE **EXTRAORDINARY** PLANTS





Problem

Solution

Thick algae mats in greenhouse floors or in irrigation ponds

Algae mats in greenhouse floors or in irrigation ponds, and copper-sensitive plants

Quick regrowth of algae in irrigation ponds after classic algaecide use

Excessive nutrients flowing into irrigation ponds, causing algae*

Excessive nutrients already present in irrigation ponds, causing algae*

Captain® XTR

Algaecide

Fight tough algae with Infusion technology

Oximycin® P5

Algaecide and Oxidizer

Advanced non-copper formulation for oxidizing algae and harmful cyanotoxins

SeClear®

Algaecide and Water Quality Enhancer

Algaecide and water quality enhancer in one

EutroSORB® F

Phosphorus Filtration Technology

Immediately binds and reduces phosphorus concentrations

EutroSORB® WC

Water Column Phosphorus Inactivator

Eliminates phosphorus from the water column

***1 pound of phosphorus can grow 500 pounds of algae**

SeClear® Algaecide and Water Quality Enhancer

SeClear is the first algaecide and water quality enhancer designed to replace routine algaecide programs. SeClear provides effective control of a broad range of algae species, while reducing in-water phosphorus levels with each application. The result is longer lasting control, improved water quality and aesthetics with reduced maintenance required over time throughout your greenhouse or nursery. With no irrigation restrictions, water treated with SeClear may be used immediately following treatment.

Product	Application Rate	How to Apply	Used For
SeClear Algaecide and Water Quality Enhancer	<p>Greater than 50% coverage: Spot treat using 20 gals per acre or 54 lbs SeClear G (treat 1/4 acre with 5 gal or 13.5 lbs).</p> <p>Less than 50% coverage: Treat entire area of algal coverage</p> <p>1/2 acre: 6.5 gals or 18 lbs 1 acre: 13 gals or 35 lbs (assumes average 4 ft depth)</p>	<p>For best results, apply in Spring at first sight of algae and continue a maintenance program every 2 - 4 weeks regardless if algae is present or not. Treat algae mat evenly.</p> <p>If your pond is 75% covered, treat only 1/2 of algae infestation, wait 14 days before treating opposite half. In hot weather or when fish are stressed, treat only 1/4 to 1/3 of algae infestation at a time.</p>	<p>Filamentous Algae Planktonic Algae Muskgrass/Chara (SeClear G)</p> <p>No irrigation restrictions</p>



Captain® Algaecide

Captain XTR is the best available technology for the control of tough-to-control algal species, including thick algae mats found on greenhouse and nursery floors and irrigation ponds. This formulation is optimized to increase penetration (INFUSION) of copper into algae cells especially challenging colonial, mat-forming and mucilaginous species such as *Aphanizomenon*, *Hydrodictyon*, *Oscillatoria*, *Lyngbya* and *Microcystis*. Water treated with Captain XTR may be used for swimming, fishing, watering livestock and irrigation during and after application (including directly into irrigation).

Product	Application Rate	How to Apply	Used For
Captain XTR	<p>Greater than 50% coverage: Spot treat using 10 gals per acre (treat 1/4 acre with 2.5 gals)</p> <p>Less than 50% coverage: Treat entire area of algal coverage</p> <p>1/2 acre: 3 gals 1 acre: 6 gals (assumes average 4 ft depth)</p>	<p>For best results, apply in Spring at first sight of algae and continue a maintenance program so algae never takes over the entire pond. Treat algae mat evenly. If your pond is 75% covered, treat only 1/2 of algae infestation, wait 10 to 14 days before treating opposite half. In hot weather or when fish are stressed, treat only 1/4 to 1/3 of algae infestation at a time.</p>	<p>Filamentous Algae Planktonic Algae Muskgrass/Chara</p> <p>No irrigation restrictions</p>



EutroSORB® F Phosphorus Filtration Technology

EutroSORB F filters are a novel technology specifically designed for intercepting excessive nutrients flowing into irrigation ponds, which cause algae. One pound of phosphorus can grow 500 pounds of algae. EutroSORB provides greenhouse and nursery growers an efficient and economical solution to reduce phosphorus inputs, slow down or stop the eutrophication process, and restore water quality. EutroSORB F immediately binds and reduces phosphorus concentrations.

Product	Application Rate	How to Apply	Used For
EutroSORB F	Each EutroSORB F filter can bind up to a 1/4 lb. of phosphorus or more.	<p>Place the filter(s) in moving water. Position the filters to promote water to pass through the filters as much as possible.</p> <p>Leave the filter(s) in place for 8 weeks. Rotate the filters periodically to optimize results.</p>	<p>To rapidly remove phosphorus from moving water. EutroSORB F reactive filter media has a high affinity and capacity for phosphorus and will continue to bind phosphorus until all binding sites have been exhausted.</p> <p>No irrigation restrictions</p>



EutroSORB® WC Water Column Phosphorus Inactivator

EutroSORB WC is a simple to use next-generation phosphorus binding technology that can be used to rapidly and permanently remove excess nutrients and phosphorus from greenhouse and nursery ponds. EutroSORB WC eliminates phosphorus from the water column, while having an excellent safety profile for the environment, fish, invertebrates and personnel. This easy to use formulation does not require a slurry, has low volume use rates, and has no irrigation restrictions.

Product	Application Rate	How to Apply	Used For
EutroSORB WC	<p>Each 1.25 gallon of EutroSORB WC will rapidly and permanently inactivate 1 pound of phosphorus from the water column.</p> <p>For best results, distribute EutroSORB WC uniformly over the surface of the water body or the area targeted for phosphorus inactivation. When making applications to flowing water (e.g., streams, ditches, etc.), inject, drip, or pour EutroSORB WC at a location where adequate mixing occurs to optimize phosphorus binding.</p>	EutroSORB WC can be applied via surface spray application, sub-surface injections, or poured into areas where good mixing occurs such as intakes or fill pipes.	<p>EutroSORB WC is a simple to use next-generation phosphorus binding technology that can be used to remove excess phosphorus rapidly and permanently from surface water resources.</p> <p>No irrigation restrictions</p>



Oximycin® P5 Algaecide and Oxidizer

The Oximycin P5 Algaecide and Oxidizer formulation is an excellent non-copper alternative to immediately control algae and harmful cyanobacteria throughout greenhouse and nursery floors, irrigation ponds and other water systems. This advanced formulation kills algae on contact without harming fish (including sensitive species such as trout and koi), plants, or aquatic life, when label instructions are followed. Along with enhanced stability and efficacy, Oximycin P5 is easy to apply by injection or by a surface spray.

Product	Application Rate	How to Apply	Used For		
Oximycin P5	Growth Density	Gallons/per acre foot	Oximycin P5 is easy to apply and can be injected or surface sprayed.		
	Low density			1.0 - 3.0	Immediate control of algae and cyanobacteria. No irrigation restrictions
	Moderate density			3.0 - 6.0	
	High density			6.0 - 10.0	
	Extreme density (full bloom)			Up to 30.8	



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To purchase or for more information, contact your
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visit **sepro.com/hort**, or contact a SePRO Distributor Partner



Visit **sepro.com/hort**

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