



# **ALGAE & MOSQUITO CONTROL GUIDE:**

*Solar Aeration for a cleaner healthier pond!*





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# Why Mosquito & Algae Control Matters

A healthy pond should be an asset, not a hassle. Left unchecked, stagnant water becomes a breeding ground for mosquitoes and a fuel source for algae blooms. Mosquitoes can multiply in just days, while algae can quickly blanket the surface, cloud the water, and rob fish of oxygen.

These problems aren't just cosmetic—mosquitoes spread disease, and algae can create toxins, foul odors, and even lead to fish kills. What starts as a small issue can turn a pond into a source of frustration.

By keeping water moving and oxygen-rich with a solar aerator or fountain, you disrupt mosquito breeding and limit algae growth. The result is a clearer, healthier pond that's safer and far more enjoyable.



# Preventative Measures

## **Remove Standing Water Nearby**

Dump buckets, birdbaths, or unused containers where mosquitoes can breed.

## **Control Nutrient Runoff**

Limit fertilizers near the pond and create a grass buffer strip to catch excess nutrients.

## **Introduce Natural Predators**

Encourage fish species like bluegill, bass, or mosquito fish that feed on larvae.

## **Maintain Shoreline Vegetation**

Native plants along the banks reduce erosion, filter runoff, and provide habitat for mosquito predators like dragonflies.

## **Keep Organic Debris Out**

Regularly skim or remove leaves, grass clippings, and decaying matter that fuel algae growth.





# How Solar Aerators Help

Solar aerators work below the surface, circulating water and infusing it with oxygen. This movement breaks up stagnant zones where mosquitoes like to lay eggs, making your pond far less inviting to them.

At the same time, added oxygen supports healthy bacteria that naturally outcompete algae for nutrients, reducing blooms and keeping water clearer.

With consistent aeration, ponds maintain balance—less algae, fewer mosquitoes, and healthier fish.

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# How Solar Fountains Help

Solar fountains tackle the problem at the surface. Their constant spray and ripple effect disrupt mosquito breeding grounds, preventing larvae from maturing. The visual movement also discourages adult mosquitoes from landing in the first place.

For algae, fountains improve circulation at the top of the water column, mixing sunlit layers that algae depend on. This reduces surface buildup, prevents scum mats from forming, and keeps the pond looking vibrant while adding a beautiful focal point.

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## RPS AIR-ATION KITS



Plug-and-Play solar pond aerators that keep water fresh and fish healthy.

- Models: AIR200, AIR400, AIR800, AIR1200
- Kit Includes: Solar panels, air compressor, controller, weather-proof enclosure, weighted air hose, weighted diffusers, hose, wiring
- Best For: Ponds (up to 15 ft), algae control, boosting oxygen in stocked fish ponds

**[VIEW ALL POND PRODUCTS »](#)**

## RPS FOUNTAIN KITS



High-output solar fountains that aerate while adding beauty.

- Models: F200, F400, F800, F1600, F2200, F3000
- Kit Includes: Solar panels, DC disconnect, stainless steel pump, floating ring, intake filter, fountain nozzles, safety rope, solar wire
- Best For: Decorative ponds, community or HOA features, livestock ponds needing circulation

# Incorporating Fish for Natural Mosquito & Algae Control

Adding the right fish is a natural way to keep ponds balanced. Fish not only add beauty, but also help control mosquito larvae and manage excess nutrients that fuel algae.



## Fish for Mosquito Control

- Mosquitofish (*Gambusia affinis*): Tiny but voracious, eating hundreds of larvae daily.
- Bluegill & Sunfish: Excellent for larger ponds, feeding heavily on mosquito larvae.
- Bass: A pond with bass tends to have a more natural food chain: bass → smaller fish → insects → plankton → algae. This balance reduces the likelihood of huge algae blooms and insect overpopulation (including mosquitoes).



## Fish for Algae Support

- Grass Carp: Graze on aquatic vegetation to reduce overgrowth.
- Koi & Goldfish: Stir bottom sediments, limiting surface algae mats.
- Balanced Stocking: The right mix of fish prevents nutrient overload.



## A Healthier Pond, Naturally

Stocking fish helps create a self-sustaining system where mosquito larvae are eaten before they hatch, and algae growth is naturally reduced—all while adding life and activity to the pond.



## 5-Star Reviews From Your Neighbors

Across the country, pond owners are transforming their water with RPS Solar Aerators and Fountains. From ranch ponds to community lakes, our customers are seeing clearer water, healthier fish, and reduced algae—all powered by the sun. Here's what they have to say in your region:



"Our cattle pond used to turn bright green by July, and we lost fish almost every summer. We installed an **AIR1200** and the difference was night and day. The water stays clearer and it runs all day long under the desert sun without costing us a dime in electricity." - **Stanley, TX**



"Since we got the fountain, we don't get near the mosquitoes we used to. The water's always moving now and it looks real nice too. Makes sitting out by the pond in the evenings a whole lot better." - **Karen, GA**



"The **AIR800** has made a big difference in our fish pond. The water's clearer, the fish are more active, and we haven't had any issues with low oxygen since installing it. It's been well worth it."—**Mike, KS**



[Read Our ★★★★★ Reviews »](#)





## America's #1 Most Trusted in Pond Care

### Friendly, U.S.-Based Customer Service

No call centers, no commissions—just real people who know ponds. Our U.S.-based team gives friendly, knowledgeable support from sizing to troubleshooting, so you're never on your own.

### Reliable Products Built to Last

RPS systems are designed for long-term performance with brushless motors, durable parts, and solar technology you can trust. From backyard ponds to large lakes, customers count on RPS for dependable aeration and fountains.

### Thousands of 5-Star Reviews

Across all 50 states, pond owners choose RPS for clear water, healthy fish, and no power bills. Thousands of 5-star reviews highlight both our products and our customer-first service.

### Backed by Warranty & Real Support

Every system comes with an industry-leading 2-year warranty plus live phone support whenever you need it. With RPS, you're choosing more than equipment—you're choosing a trusted partner.





## GET YOUR PRODUCT RECOMMENDATION!

Still not quite sure what you need for your pond?

Take our online sizing quiz and get your **FREE** product recommendation (5 minute quiz)

[TAKE OUR SIZING QUIZ »](#)

## RATHER A FRIENDLY VOICE?

Give our friendly U.S. Based Pump Specialists a call for a comprehensive look at your system needs and preferences!

 **GIVE US A CALL!**

[888-637-4493 »](tel:888-637-4493)



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