



# AQUAFIX<sup>Inc.</sup>

*Innovations in  
wastewater treatment.*

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## TECHNICAL UPDATE

# 8% COPPER

8% Copper is an effective chelated copper algaecide for getting rid of algae and aquatic plants. It is especially effective on branched, filamentous, and planktonic algae species.

Algae is easiest to treat early in the season, and when water temperatures are above 60°F. Warm water encourages the algae cells to take up the copper, as this is when the algae is actively growing. Early in the season the algae has built up fewer defensive structures, making it less likely to regrow after treatment.

### Enhance Penetration with PondZilla Pro Pairing

You can get the most out of an algaecide and discourage algae regrowth by pairing it with an adjuvant. The best adjuvant is PondZilla Pro. The biocatalysts in PondZilla Pro aid in the penetration of the copper algaecide into the algae, break down algae's defensive barriers, and help degrade the dead plant material so it doesn't contribute to the sludge layer.

### Tips and Tricks

For best results mix 8% Copper and PondZilla Pro in a tank sprayer. Typical dilutions are 10:1 with water. 8% copper works on contact and is limited in its ability to travel laterally in a pond. This means even distribution over the surface of the targeted area is important to get the best result.

Many lagoons have algae issues due to nutrient build up at the bottom of the pond. Be sure to see our VitaStim Sludge Reducer and lagoon bacteria line to help get rid of sludge on the bottom of your lagoon.





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# DOSE RATES

<b>1 Acre Lagoon, 5' Deep</b>			
	Water	8% Copper	PondZilla Pro
<b>Moderate Dose Mixture (.5 PPM Copper)</b>	100 Gal	8.5 Gal	3 Gal
<b>Light Dose Mixture (.2 PPM Copper)</b>	40 Gal	3.5 Gal	1 Gal

For Best Results, Spray Apply Evenly Over Surface Targeted Area.  
Always Wear Appropriate Personal Protective Equipment When Applying.

<b>Acre/Ft Dosing*</b>			
	Water	8% Copper	PondZilla Pro
<b>Moderate Dose Mixture (.5 PPM Copper)</b>	17 Gal	1.7 Gal	.6 Gal
<b>Light Dose Mixture (.2 PPM Copper)</b>	7 Gal	.7 Gal	.2 Gal

For Best Results, Spray Apply Evenly Over Surface Targeted Area.  
Always Wear Appropriate Personal Protective Equipment When Applying.

\*(Lagoon size in acres) x (Lagoon Depth in ft) = acre/ft

Be sure to review the product label for full safety guidelines and additional recommendations. For lagoons with oxygen limitations, and severe algae problem, treat the lagoon in 2 or more stages. This minimizes the amount of oxygen demand generated by the dead algae.