



Lake Guard Blue™

A NOVEL ALGICIDE, DESIGNED TO EFFECTIVELY TREAT HARMFUL ALGAL BLOOMS IN WATERBODIES



Completely dissolves within 24 hours



Slow release



Floating formulation



A new product, based on copper sulfate



Simple and cheap to implement in any waterbody irrespective of size or shape



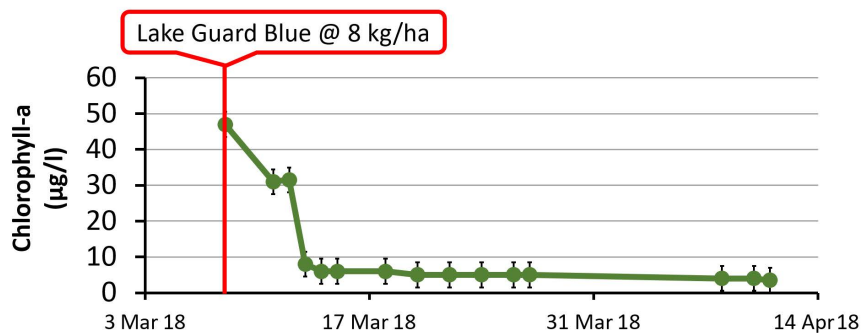
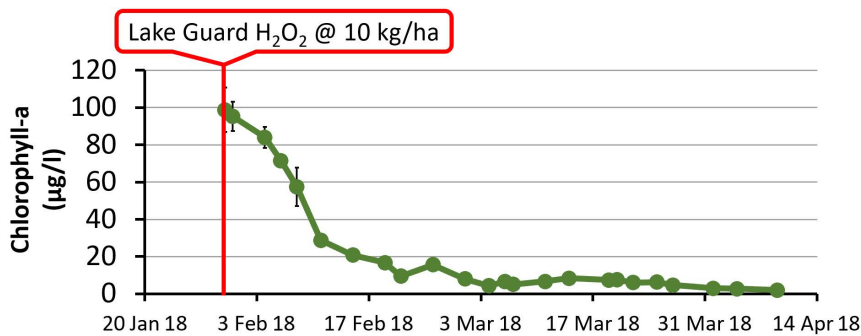
Special formulation (patent-protected) that meets environmental criteria



No need for high-skill or special equipment



For the first time - enables small-dose prophylactic treatments that result in operational savings of >50% per season



The impact of early treatment with **Lake Guard™** in irrigation reservoirs, each with ~70,000 m² surface area. The reservoirs are treated over time with low doses (8-10 kg/ha.) on a prophylactic basis. Treatments are carried out manually from a single, upwind location on the banks of the reservoirs. Each treatment takes minutes to apply with clear results within a short time, as indicated by the dramatic improvement in chlorophyll-a levels in the water.

Granular Copper Sulfate



Lake Guard Blue™



A demonstration of the differences in copper concentration one hour after applying an identical dose of **Lake Guard Blue™** and raw granular copper sulfate. While the **Lake Guard Blue™** slowly dissolves at the surface of the water and interacts with the algae, the generic compounds sink immediately to the bottom and interact primarily with the organic matter in the sediment. Works done with **Lake Guard Blue™** in water reservoirs in Israel have demonstrated an effective dose-reduction of up to 80%.

The **Lake Guard Blue™** is an Israeli invention that was designed to provide, for the first time, a simple, cost-effective and safe solution to harmful algal blooms:

- In any waterbody, irrespective of size or shape
- Safe for use in fish ponds and in drinking water reservoirs
- prevents odor and toxicity associated with full-scale blooms
- Operational savings of more than 50%
- Comes in granular form
- Ready for immediate use with no special expertise or equipment needed
- Fast and safe implementation
- No by-products
- Longer shelf-life compared to raw compounds

Recommended dose can be fully applied from the up-wind shores:

The unique product properties allow it to move independently with the currents along the developing bloom and optimally concentrate with bloom aggregates on an on-going basis and at any given time.

The precise spatial and vertical distribution of the active compound is an advantage when being used in fish ponds and natural water reservoirs, enabling living organisms the freedom to avoid direct contact by diving or simply moving upwind.

Adequate prophylactic use allows end-users to reduce the chemicals needed for treatment by up to 80%.

