

HYDRA Quartz

Biological Blanket Weed Treatment



HYDRA®

Features & Advantages

- ◆ Hydra Quartz is a complex blend of natural minerals and sequestrants. 100% biodegradable and free from additives which can cause toxic effects or oxygen deprivation.
- ◆ It works the same safe way as barley straw but instantly. No waiting weeks to see results and no messy smelly straw to remove.
- ◆ Rapidly removes blanket Weed/String Algae - results can be seen in minutes.
- ◆ Harmless to All fish, birds, reptiles, invertebrates, humans, animals, mammals, and water plants.
- ◆ Hydra Quartz promotes clear healthy water by chelating and absorbing nitrites, phosphates and other pollutants. These nutrients are used as a food source for blanket weed.
- ◆ Does not alter the pH balance of the water.
- ◆ Safe on all surfaces including concrete and synthetic liners. Will not effect pumps or filters.
- ◆ No harmful effect on concrete surfaces or synthetic liners.
- ◆ Biological filters and pumps remain unaffected during treatment.

Description



The Problem

Blanket weed is a widespread nuisance for most pond keepers. Characteristically blanket weed spreads in the form of long filaments and quickly covers the water surface with a woven filamentous growth.

Blanket weed grows fast under sunshine, especially in ornamental ponds with fish.

Pond keepers over feed the fish causing additional nutrients (nitrates and ammonia) to leach into the ponds in the form of uneaten fish food and excessive fish excrement.

If left unchecked, blanket weed may cause severe oxygen depletion in a water body when it dies off.

It can also creating stress for the larger fish by hindering their movement.

Pond keepers sometimes pull out the live blanket weed manually; this results in shedding of numerous spores within the water.

The spores eventually grow and blanket weed returns in a rather severe form covering even larger water surface.

The Solution

Hydra Quartz is proven as a highly effective treatment to get rid of blanket weed.

Product constituents include natural minerals and sequestrants.

Hydra Quartz starves the blanket weed by absorbing the nutrients on which the weed survives.

The growth dies off normally within two to three days, after which it could be safely removed without the risk of releasing spores into the water.



How To Use

How Does Hydra Quartz Work & How To Use

During treatment ensure minimum of 8-10% DO (dissolved oxygen).

Use aeration by water pump or air pump, remember blanket weed / algae is adding oxygen to your water, therefore removing it will lower your oxygen level.

When treating allow plenty of time to observe fish in case of adverse reaction.

ONLY TREAT ½ of pond at one time.

Use half the total dose required.

48 hrs later treat other of pond with remaining amount.

Broadcast Hydra Quartz over area of pond DO NOT MIX WITH WATER.

Switch pump and aeration on.

Net off any blanket weed or algae that floats to the top.

Do not use if the water is clear of blanket weed.

Hydra Quartz needs to react with organic matter to use up its oxidising power.



After application, do not allow undiluted granules to remain in area where humans/animals are exposed.

Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them.

If they are spilled simply rinse off with water.



Usage Rates

- ◆ 1 gm of Hydra Quartz treats 12.5 litres of water (2.75 gallons)
- ◆ 1 kg of Hydra Quartz treats 12,500 litres of water (2,750 gallons)
- ◆ 5 kg of Hydra Quartz treats 62,500 litres of water (13,736 gallons)
- ◆ 20 kg of Hydra Quartz treats 250,000 litres of water (13,736 gallons)

Re-Treat full strength on any re-growth as blanket weed spores cannot be treated until they grow.



Laboratory Facilities

Hydra International Ltd.'s Research & Development Laboratories are a hub of activity where new products are developed and formulated. We have working relationships with our raw material suppliers, many of these suppliers are major world-wide chemical manufacturers with their own development laboratories.

As a company we are well known in the chemical industry for being receptive to cutting edge new chemicals which can be incorporated into our products to achieve performance advantages. An important part of the International Standards that we hold is that of constant improvement. We show that we have achieved this at every independent audit.



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