

A.G.A. AquaBio

A.G.A. AquaBio™

Regenerating and clarifying aquatic environments



A.G.A. AquaBio is a cost effective and efficient means to clear water, reduce silt and, combat eutrophication and the serious symptom of de-oxygenation.

Used in the treatment of ponds, lakes and rivers to reduce the level of silt and clarify the water, A.G.A. AquaBio rebalances the chemical composition of the water by the provision of calcium.

This effective treatment mitigates against the costly processes of dredging or flushing (de-silting) of a waterbody.

A.G.A. AquaBio regenerates water quality and the hydro-soil of aquatic environments in:-

- muddy and turbid ponds
- lakes and canals
- muddy and demineralised rivers
- muddy and turbid canals

and also:

- encourages the development of phytoplankton
- encourages calcium remineralisation

A.G.A. AquaBio is used as a treatment for:

- flocculating clay particles
- clarifying cloudy waters charged in humic acids
- increasing calcium concentration and water hardness
- precipitating phosphates
- increasing and buffering pH shifts
- reducing silt loading

Enhance fishery conditions

A.G.A. AquaBio facilitates the breakdown of previously partially decomposed organic material and aerobic digestion. Untreated the hydro-soil becomes anaerobic producing the undesirable gases methane and hydrogen sulphide. Because of their inbuilt instincts fish will always avoid these poor water areas.

Treatment period.

Any time of the year but most effective between March to November in Temperate regions (water temp. 10-20°C). Two or three treatments spread over a season will be more effective than one application. This is particularly true for lake bed hydro-soil where there is a significant proportion of partially digested sediment or anaerobic conditions to release gasses.

A.G.A. AquaBio is completely harmless to all aquatic organisms including fish and amphibians.



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CONCEPT TO COMPLETION

A.G.A. AquaBio

The use of A.G.A. AquaBio™ will considerably reduce accumulated masses of silt; it is based on natural high purity gypsum, which is specially manufactured for the regenerations of aquatic environments.



Product Description

A.G.A. AquaBio is a micronised powder produced from the processing of high purity mineral (CaSO₄.2H₂O - Calcium Sulphate Dihydrate).

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Technical Data

For a comprehensive technical data sheet please contact A.G.A. direct.

Health and Safety

These products are not classified as dangerous/hazardous chemicals.

Health and Safety information sheets are always available on request.



Supply Details

A.G.A. AquaBio is supplied in handy 25Kg plastic sacks.

Storage

When stored under normal dry conditions, this product will not deteriorate chemically, however it is susceptible to compaction lumps.

Each bag is stamped with a date of manufacture and a batch reference.

Stocks should be rotated so that the oldest material is used first.

Dosage Recommendations		
Waterbody	Initial treatment 1st season	Maintenance treatment 2nd and subsequent seasons
Rivers	1,200 –1,500kg	1,000kg
Ponds, lakes and canals	800 –1,400kg	800 –1000kg
Leisure pools and ponds	3,000kg	1,000kg

The recommended dose is based upon a 1 hectare of surface area, with a depth of 1 meter.

**The A.G.A. Group can offer clients a complete package that includes :
Consultation - Sampling - Testing - Supply - Application and Maintenance.
Trade enquiries welcome.**

The A.G.A. Group installation teams operate solely within the field of aquatic and bioengineering. We operate a policy of 'Best Practice' and are bound by the Code of Conduct of both the Institute of Fisheries Management and the Society of Biology. The A.G.A. Group will quote for the supply of materials, their installation or for 'turnkey' projects.

**The A.G.A. Group is validated by the nationally recognised
SAFE CONTRACTORS SCHEME**

Quality assured to: ISO 9001 : 2008 and ISO 14001 : 2004



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