



# AQUATIC TECHNOLOGIES

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## Aquatic Barley Straw Extract

is the natural, eco-friendly and safe way to prevent algae growth in...

- garden water tanks
- fish tanks/ponds
- water features
- dams and lakes

Safe for fish, pets, live-stock and will not harm aquatic plants or plants irrigated with the treated water >

## Aquatic Barley Straw Extract

Aquatic Barley Straw Extract is the natural eco-friendly way to limit new algae growth in lakes, dams, ponds, fountains, water features, fish tanks and garden water tanks.

*Aquatic Barley Straw Extract* is the new development from the traditional old time remedy for algae control algae using barley straw bales. The use of barley straw bales for the control of algae in water has been well documented in Europe and can be traced back to the pre industrial era, when farming and agriculture prevailed.

When barley straw bales are placed in water, they begin to decompose. This process of decomposition releases phenolic compounds, these compounds have a natural signature similar to that of hydrogen peroxide. It is these natural compounds that are believed to be the factor which give barley straw its natural ability to limit new growth of algae.

Some of the limitations of using barley straw bales is that they need to be correctly placed in the water body, loosely bundled and require adequate circulation in a well oxygenated water body. Barley straw bales can take from 4 to 8 weeks for the decomposition process to commence working, so is relatively slow to take effect.

Due to some of these limitations of using barley straw bales, *Aquatic Barley Straw Extract* has been developed as a convenient way to deliver the same benefits of limiting new algae growth which is natural, eco friendly and safe.

*Aquatic Barley Straw Extract* is made from all natural, Australian grown barley and is a 100% Australian product which is grown, harvested, processed and distributed by Australian owned and operated companies. It's a highly concentrated extract which can be delivered quickly and easily to limit new algae growth in lakes, dams, ponds, fountains, water features and fish tanks. The product is manufactured for Australian conditions and water bodies.

### Directions

*Aquatic Barley Straw Extract* is best applied before algae appears as it works best as an algae growth suppressant, limiting new algae growth. It's ideal for use immediately after a pond, fountain, water feature or fish tank re fill or in lakes, dams, ponds and garden water tanks, prior to algae first appearing.

Determine the volume of water to be treated, tip the container upside-down to gently mix, measure the required amount of product and pour directly into the water body to be treated.



Aquatic Barley Straw Extract is the natural, eco-friendly and safe way to limit new algae growth >



### Application rates:

#### *For enclosed garden water tanks:*

Apply 10mls of Aquatic Barley Straw Extract per 100L of water or part thereof and re-apply monthly at a maintenance dosage of 7.5mls per 100L of water or part thereof.

#### *For small indoor fish tanks and water features, less than 2,000L:*

Apply an initial dosage of 10mls of Aquatic Barley Straw Extract per 100L of water or part thereof and apply weekly at a maintenance dosage of 7.5ml per 100L water or part thereof.

#### *For small outdoor ponds, fountains or water feature, less than 2,000L:*

Apply an initial dosage of 20mls of Aquatic Barley Straw Extract per 100L water or part thereof and apply weekly at a maintenance dosage of 15mls per 100L water or part thereof.

#### *For larger ponds and dams, greater than 2,000L but less than 10,000L:*

Apply an initial dosage of 60mls of Aquatic Barley Straw Extract per 2,000L water or part thereof and apply weekly at a maintenance dosage of 30mls per 2,000L water or part thereof.

#### *For larger ponds and dams, greater than 10,000L:*

Apply an initial dosage of 20L of Aquatic Barley Straw Extract per 1mg of water or part thereof and apply fortnightly to monthly at a maintenance dosage of 10L per 1mg of water or part thereof, from early spring, through summer. During autumn and winter the maintenance dosage is applied monthly to bi-monthly.

For water with high turbidity, or poor water clarity apply an additional 20% more product, until clarity improves.

Aquatic Barley Straw Extract is available in various container sizes appropriate for your application.

**500ml** with an easy measuring and pour container for small ponds, fountains, water features and garden water tanks

**1L** container for medium size ponds

**5L** container for larger ponds and small dams

**20L** containers for lakes and dams

*Also available is 200L drums and 1,000L IBC for large water storages.*