

## **WATER PROBLEMS**

The idea of magnetic water treatment is not new - as an Englishman, William Benedict Bull took out a patent for preventing and removing scale (calcium) deposits in 1890.

However, it was not until the 1960s that a Melbourne engineer Bob Rigby found magnetic water treatment also had dramatic effects on algae, bacteria and fungi, controlling growth and multiplication.

After much research and testing a new unit was designed using the most modern techniques, and this unit was named an "Algarid Magnetic Water Stabilizer"

The Unit has been so successful it has won Federal and State awards for the product and has patents in Australia, the USA, South Africa, Japan, Philippines, Great Britain and New Zealand and exports products and technology to these countries as well as Germany, Israel, Botswana and other countries.

First of all, it must be understood that algae, bacteria and fungus are all living things, requiring food the same as you and I. They also require a balanced diet.

All living things require a list of 14 essential nutrients (some biologists claim 23 nutrients), such as nitrogen, phosphorus, potassium, manganese, boron. etc.

If any one of these essential nutrients is missing from their diet they will die, and certainly they will not multiply (trace element deficiency).

The magnetic field in the "Algarid" acts as a catalyst combining one or more of the essential nutrients into a molecule that cannot then be assimilated by the organism, thus effectively creating a trace element deficiency.

Which elements are being affected is not known at this time (despite much research) as the quantities involved are so small it is practically impossible to measure them accurately.

The Algarid Water Stabilizer is easily installed in any water supply, and there are no running costs, no chemicals, no electricity and no maintenance required.

It reduces or eliminates scale. It controls bacteria, stains, smells and blockages.

It controls algae slime and bacterial growth.

It improves water quality, clarity, taste, soap lather and aids filtration and sedimentation.

It is ideal for farms, dairies, households, horticulture, irrigation, industrial use, swimming pools, laboratories, processing equipment etc. and wherever there is a problem with algal and bacterial slime.

Reports are constantly coming in from all over the world of new applications, experiments and scientific testing, and there are some quite astounding facts and observations being recorded.

From Israel there are recorded results from field experiments and commercial installations of large increases in yields of vegetables, fruits, crops, eggs, meat output, together with a saving on fertilizer and food, because of improved food conversion factor. They also report an increase of 2 litres of milk per cow per day.

More recently on the local scene, the N. S.W Health Dept. has given the Algarid unit an approval number for its use in combating Legionella bacteria in cooling towers. Its use in this application will reduce the cost of maintenance considerably.

For further information contact Algarid.