



# REDSTAR\*

## Stabilizes water parameters

### Heavy metal chelator in aquaculture pond water

Water quality in shrimp & fish ponds is affected by the interactions of several chemical components. D.O, pH, alkalinity and hardness are interrelated and can have profound effects on pond productivity, prawn health, oxygen availability and toxicity of ammonia & certain metals.

The growth and yield of Fish, Prawn and Shrimp depend largely on the favorable water quality characteristics. Periodic water quality monitoring together with appropriate measures to control or prevent water quality deterioration are an integral part of shrimp farming program.

Sequestering agents like **REDSTAR\*** have their own importance in aquatic ecosystem especially in bore water aquaculture, for removing hardness and softening pond water. They have an ability to "sequester" metal ions such as  $Ca^{2+}$  and  $Fe^{3+}$ . After being bound, metal ions remain in solution but exhibit diminished reactivity. On the other hand, chelating agents like **REDSTAR\*** are also used to keep certain essential metals in solution when needed for phytoplankton culture.

#### Benefits:

- ◆ Adjusts hardness and alkalinity to optimum levels in pond water
- ◆ Maintains pH balance in pond waters
- ◆ Reduces heavy metal concentration in pond waters

**Broadcasting recommendations:** 8 -10 Kgs per Hectare of water spread area (1 metre depth). Repeat after fresh intake of pond water. Dosage can change marginally depending on pond conditions. Consult your aquaculture expert for exact dosage and directions

**Presentation:** Powder, 1 Kg Jar & 5 Kg Pouch

