

ProCrystal®

An environmentally efficient algae treatment in static and slow moving water

- * Controls suspended or floating filamentous algae
- * Improves clarity of water and reduces unpleasant odours within days of treatment
- * Does not affect the balance of the environment in which it is applied
- * Hydrosoluble single dose sachets for easy application

'ProCrystal' controls swimming or floating unicellular and filamentous algae found in ponds, lakes and all stagnant expanses of water favouring their development. These algae develop and proliferate in nutrient-rich waters and are the main cause of oxygen depletion of the water following their decay.

Apart from the aesthetic unpleasantness caused, they create a physical obstacle to activities such as irrigation, water sports, fishing and fish farming.

ProCrystal

Inert powder inoculated by 6 strains of class 1 bacteria of class 1 bacteria

Pack size: 454g single dose sachet

Packs per outer: 9 sachets in 4.086kg bucket

Pack coverage: 900 sq.m

Period of use

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



'ProCrystal' is a plant-based inert powder inoculated by 6 strains of class 1 bacteria (over 6×10^9 bacteria per single-dose sachet). It very quickly consumes and degrades the excess nitrogen (nitrates and ammoniacal nitrogen) and phosphates that algae feed on to develop.

The algae die swiftly after treatment by being deprived of the nourishment essential to their development. Many tests conducted on infested bodies of water show the rapid reduction in nitrite, nitrate and phosphate concentrations in water treated with 'ProCrystal'.

'ProCrystal' acts on filamentous algae such as Cladophora, Rhizoclonium, Spirogyra, Vaucheria and Ulothrix. Unicellular algae



Filament before treatment



Filament after treatment



Lake before treatment



Lake after treatment

and blue-green algae such as *Microcystis* are less sensitive to the action of 'ProCrystal'.

'ProCrystal' improves the clarity of the water and reduces unpleasant odours only days after it has been applied.

Selectivity and respect for the environment

'ProCrystal' is essentially a bio-product composed of bacteria and therefore does not disturb the balance of the environment in which it is applied.

The product is very well tolerated by fish and all aquatic fauna and flora (grasses and dicotyledons).

When to use

It is preferable to apply 'ProCrystal' when the algae start to develop or when conditions are suitable for their proliferation, generally from spring to the end of summer, and even early autumn.

Its efficacy is also improved if there is some slight water movement (compared with completely stagnant water); this slight agitation will in fact help to distribute the active ingredient of 'ProCrystal' throughout the volume of water.



Its effects last around one month. If however the weather promotes the development of algae (intense heat), it may be necessary to repeat the treatment every 3 weeks.

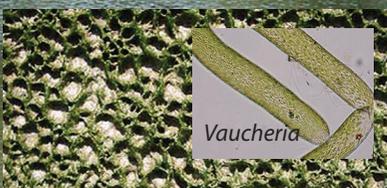
Once applied, 'ProCrystal' rapidly spreads throughout the volume of water being treated. Continue the applications to maintain water clarity throughout the desired period and when conducive to infestation.

How to use

'ProCrystal' is used by distributing the unopened sachets uniformly on the surface of the water. It may be applied from the riverside or from a boat.

The sachets should be thrown directly onto the surface of the water requiring treatment.

The dosage varies according to the depth of the water and application timing:



Depth	Application	Frequency	Dose per 100 sq.m
Less than 1 metre	Initial application*	Every 30 days	300g
	Maintenance application**	Every 30-60 days	120g
More than 1 metre	Initial application*	Every 30 days	500g
	Maintenance application**	Every 30-60 days	200g

* Continue applications until desired results are achieved.

** Continue applications to maintain desired appearance of water system throughout the growing season.

