



## ChitoGrow™ GEL

### *GROWTH ENHANCER*

### *PLANT DEFENCE BOOSTER*

#### **Main features:**

1. Natural bio-polymer, acts as antifungal & anti-viral agent.
2. It is non toxic and none polluting.
3. Helpful in ecological system and sustainable development of agriculture
4. Bio-stimulant for physiological, biochemical actions.

**Use Sites:** Many field horticultural crops, ornamentals, and turf grown in fields, home gardens, nurseries, and other sites. Useful in soil application.

**Target pests:** Helps plant defend against certain fungal diseases, including early and late blight, downy and powdery mildew, and gray mol.

**Application method & its importance:** Spray on leaves throughout growing season, with applications every 10 days to 4 weeks. It doesn't get washed away with rain water.

Dilute solution of ChitoGrow Gel 3 - 5 ml in 1 litre water depending on type of horticulture crop and from beginning of the life cycle. The foliar applications of Chitogrow gel from 50 - 125 ppm increased photosynthesis, nitrogen-related enzyme activity, total dry matter and plant growth. Plants assimilate nitrogen in amine (NH<sub>2</sub><sup>+</sup>) form. Amines are moved around plants attached to amino acids such as Glutamic and Aspartic acid. Amino acids are also the building blocks of plant proteins and regulators of essential plant functions such as photosynthesis, respiration and ultimately crop yield. Plants survive and thrive because of the way amino acids are created, transformed and mobilized in plants.

**Wide range of horticultural crops and flowers including Orchids can be sprayed with ChitoGrow gel to improve growth, quality and yield.**

ChitoGrow gel sprayed on bunches of grapes, Okra, chillies etc. for management of powdery mildew in vineyards. It can be useful for better shelf life of the grapes after harvest. However, additional spray of chitosan especially on table grape bunches few days before harvest is more effective in improving shelf-life of bunches.

Due to antibacterial property of ChitoGrow gel it also reduces rotting of grapes by direct action. It acts in similar manner when sprayed on strawberries, bananas, pomegranate, oranges, lemons, tomato, capsicum and many types of vegetables.



Supplied in various packing: 0.5,1, 5, 10, 25, 50, 200 litres.



Manufactured by:

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