

# WHAT IS GUARDIAN?



To understand what **Guardian** is and what it does you need to understand the main ingredient which is a very pure form of chitosan.

Instead of using a harmful pesticide or fungicide you **boost the plants immune system** and the plant is able to naturally protect itself. Imagine using a very safe product that mimics a pesticide reaction in plants but isn't a pesticide! Chitosan is a linear polysaccharide (a sugar) extracted from the hard outer shells (skeleton) of shrimp, lobster, and crabs. Chitosan has many uses including being used in health food, agriculture, medicine and the wine industry and serves many other purposes.

Chitosan has several commercial and biomedical uses. It can be used in agriculture as a seed treatment and biopesticide helping plants to fight off fungal infections. In winemaking, it can be used as a fining agent, also helping to prevent spoilage. In medicine it's used as a (bio adhesive) and is used for high blood pressure, cholesterol obesity and healing wounds.

In pharmaceutical manufacturing, chitosan is used as a filler in tablets, to improve the way certain drugs dissolve and it is also used as a safe method to help make foods last longer.

## Why Use Harmful Pesticides?

### Choose **Monster Guardian** Instead!

#### **Monster Guardian** (chitosan)

- Protects against fungal and pathogen infections, heat and cold stress, and drought.
- Is a plant growth enhancer that is used to boost the immune system and improve growth and health of plants.

## Diablo Nutrients

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- Uses only 1 -2 ml per litre.
- It increases the number of useful soil microorganisms and decreases harmful ones.
- Chitosan boosts the plants ability to fight off infections and pathogens (mimicking a pesticide) but is very safe.
- Improves the quality of flowers and fruit.
- Chitosan has been proven to accelerate growth and germination.
- Enhances the ability of plants to tolerate and survive periods of heat or cold stress and drought.
- Can give plants the ability to grow with less water. Chitosan acts as anti-transpirant (it allows the plants to grow with less water)

#### Active ingredients derived from **#2017113A Fertilizers Act**

**Application Rate:** Use 1 -2 ml/litre of water and apply a light spray to foliage 3 to 5 times per week. Spray only with lights turned off. Suitable for all crops.

**Taux d'application:** Utiliser 1 à 2 ml / litre d'eau et appliquer un léger spray sur le feuillage 3 à 5 fois par semaine. Pulvériser uniquement avec les lumières éteintes. Convient à toutes les cultures.

**\*Monster Guardian** is available in 500 ml, 1, 4, 10 and 20 Litre sizes.



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