

# GREEN JEWEL®

FOR BOTANIC GARDENING

## CHITOSAN PLUS

Organic Fertilizer



**CHITOSAN PLUS** - Organic fertilizer for plant protection & growth.

**CHITOSAN PLUS** is a highly effective organic fertilizer used in modern agriculture for seed coating, soil application, and foliar spraying. It promotes robust plant growth, enhances natural immunity, and improves soil health.

### Origin and Composition:

**CHITOSAN PLUS** is derived from chitin, a naturally abundant biopolymer, through a process called deacetylation. The resulting compound, chitosan, is a high-molecular-weight polysaccharide known for its agricultural benefits.

**CHITOSAN PLUS** is a 100% organic fertiliser that boosts plant growth, strengthens plant defence, enhances nutrient absorption, and improves resistance to pests, diseases, and environmental stress. It also supports seed germination, sprouting, and flowering. Use as directed on the label.

### Key Features:

**High Antimicrobial Activity** - Possesses strong antibacterial properties, disrupting pathogen growth, reproduction, and virulence.

**Induces Plant Resistance** - It activates the plant's innate immune responses, helping plants naturally resist diseases.

**Seed Treatment** - When applied to seeds, it forms a protective barrier and suppresses microbial growth, improving germination and seedling vigor.

### Key Benefits:

- Non-toxicity
- Does not harm human beings and livestock
- Increase the immune system of plants
- Induces the excretion of resistant enzymes
- Activates plants cells
- Increase plant photosynthesis
- Improves plants disease and insect resistant ability
- Stimulate plant growth & improve plant performance
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- Stimulate plant growth & improve plant performance
- Reduce environmental stress due to drought and soil deficiencies

- Improve the physical and chemical properties of soil
- Improve produces quality
- Reduce fruit decay of vegetables and fruits
- Increases blooms and extends the life of cut flowers

### Applications:

**CHITOSAN PLUS** is widely used in :

- Organic farming and gardening
- Nursery and turf management
- Crop protection programs

Crop	Rate of application (per 1 Ltrs of Treatment Water)
For seed soaking (soak in for 24hours)	5ml
Ornamental Plant	2ml - 3ml
Leafy Vegetables & Turf Grass	3ml - 6ml
Fruits Tree	5ml - 10ml

Frequency : Use once every 1 - 2weeks during active growth.

### How To Use:

- Shake the bottle well before use to ensure that the ingredients are well-mixed.
- Dilute the fertiliser according to the instructions on the label.
- Apply the fertiliser to the soil around the base of the plant, leaves & soil.
- Water the plants thoroughly after applying the fertiliser to help it absorb into the soil.
- Use the fertiliser once a month for best results.
- Follow the instructions on the label for recommended usage and safety precautions.
- Avoid applying the fertiliser to flowers and buds, as it may affect their development.

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