



# Nano Chitosan

**Nano Chitosan** is an extract from natural resources. It is a linear polysaccharide obtained from chitin which has phytotoxic, fungistatic and bacteriostatic properties.

Components	(%) w/w
Organic acids	1.60
Chitosan	0.40
Stabilizers	0.20

## Benefits

- Nano chitosan enhances plant's physiology namely germination, photosynthesis, plant growth, blossom, plant vigour and yield
- It increases nutrient uptake, chelation of mineral and nutrients
- Nano Chitosan acts as plant defence elicitor that primes various defense mechanisms that helps to fight against biotic and abiotic stresses
- Nano Chitosan increases organoleptic properties & enhances shelf life of produce
- Can be used with conventional chemical pesticides, thus optimizing pesticide usage
- Non-phytotoxic
- Safe to parasites, pollinators & predators
- It does not lead to pre-harvest Interval issues
- Environmentally safe & biodegradable

## Dosage & Application | 3,500ppm

### To be used in agriculture as natural fungicide

- **Seed Soaking:** Diluted with water by 1:120 for vegetable seeds
- **Seed Dressing:** 75-150ml diluted with 10L water for 100kg of field seed
- **Root Dipping:** Diluted with water by 1:100-200

### Foliar application on crops

- **Preventive:** 1L per acre. Apply 1 to 2 rounds with one week gap between sprays
- **Curative:** 1.5L per acre. Apply 2 to 3 rounds with one week gap between sprays

### To preserve harvested fruits and vegetables

- Spray 0.5-1L diluted with 1-2L water over 100kg depending on surface area