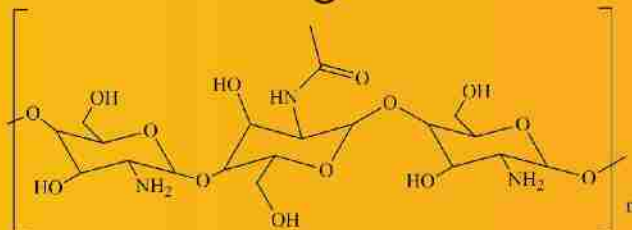


# CHITOSAN

Chitosan Oligosaccharide



*A hydrolysed & water-soluble product of chitosan. Known for better absorbability by plants & hence more appropriate for agricultural applications.*

## KARPOL-CO

(10% chitosan oligosaccharide solution)

**Trade Name**  
KARPOL-CO

**CAS No.**  
148411-57-8

**HS Code**  
3913 9090

## Specifications

Appearance	DDA (%)	pH	Shelf Life
Reddish-brown colour liquid	>85.0%	4.0 - 7.0	12 Months

## Applications

Chitosan Oligosaccharide is used to manufacture various formulated biofertilizers & biopesticides.

# CHITOSAN

Chitosan Oligosaccharide



**KARANDIKARS**

Building Chemistry of Possibilities

## Formulation

*Dilute KARPOL-CO 3.5 times in water or same ratio of water-based fertilisers or micronutrients to create about 2.75-3.00% ready-to-use product. Foliar spray, Seed soak, and root watering can be done using further diluted solutions of above.*

[www.karandikars.in](http://www.karandikars.in)

*" Passionately committed to create eco-friendly products "*

## KARPOL-CO

### Properties

- It has anti-bacterial, anti-fungal and anti-viral properties.
- Enhances plant immunity and resistance to diseases: After treating Chitosan Oligosaccharide to foliage or soil; it promotes natural innate defense responses within plants to resist insects, pathogens, and soil-borne diseases.
- Improves plant growth: Chitosan Oligosaccharide is known to promote photosynthesis, increase germination and stimulates nutrient uptake.
- Works as Nematocide: Chitosan Oligosaccharide, when used as seed coating and treatment helps in forming roots which destroy parasitic cyst nematodes.
- Reduced use of chemical pesticides and increase overall yield of the crops.



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