Biological Material – Chitosan

COL-10

Chitosan Oligosaccharide Liquid
COS ⩾ 10%

COP-90

Chitosan Oligosaccharide Powder
COS ⩾ 90%

- Deacetylation Rate ⩾ 88%
- Average Molecular Weight ⩽ 1000Da
- Water Solubility: 100%


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- **Promote root system development especially seedling' s hair roots.**
- **Improve soil vitality and activate rhizosphere microorganisms; prevent and control soil-borne diseases.**
- **Prevent nematode through softening mouthparts and dissolving body wall and eggshell.**
- **Antiviral, increase plant' s disease resistance, improve crop quality.**

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Biological Material – Seaweed

Derived from *Durvillaea Potatorum* in Tasmania, Australia through high-pressure cell-wall breaking and low-temperature enzymatic hydrolysis coupling process

AOP-90

(Alginate Oligosaccharide Powder)
AOS≥90%

AOL-15

(Alginate Oligosaccharide Liquid)
AOS≥15%

- **100% water soluble**
- **High compatibility** in formulation with both fertilizer and pesticide;
- Induce auxin synthesis to promote root growth and plant development;
- Increase the utility of chemical nutrients (especially Nitrogen);
- Activate jasmonic and salicylic acid signaling pathways to improve plant stress resistance.

DP-C30

Kelp Enzymatic Hydrolysate Powder
Alginic acid ≥ 30%

DPL-30

Kelp Enzymatic Hydrolysate Liquid
Alginic acid ≥ 30 g/L

- Rich in algal polysaccharides: alginate oligosaccharides, Fucoidan, Fucoxanthin, etc. can effectively repair plant wounds and improve crop quality;
- Contains high levels of natural PGR: Zeatin, auxin, gibberellins, jasmonic acid, brassinosteroids, etc., and natural chelated trace elements: Fe, Zn, Mn, Cu, B, and Iodin.
- Retains a variety of active substances: betaine, endogenous hormones, natural antibiotics, etc., which help plant resist environmental stresses and reduce damages from pesticide.

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No. 3 Shengshui Road, Pingdu Xinhe Eco-chemical Sci-tech Industry Base, Qingdao, Shandong, China

Tel: +86 532 6800 7999
Fax: +86 532 6800 7900
www.zdcagri.com