



Engrow™

Seed Coating Agent

Engrow is an advanced formulation designed to form a thin, uniform, and protective film over the seed surface. It enhances the physical, physiological, and biological performance of treated seeds. The coating acts as a protective barrier that improves seed handling, minimizes dust-off, and enhances the adhesion of other treatment components such as micronutrients, biostimulants, or crop protection agents.

Product Overview

Active Ingredients

Chitosan

Formulation Type

Soluble Liquid (SL)

Application Guidelines

Dilution

2-4% (w/w)

Seed Dosage

2-4 mL per 1,000 seeds

Product Highlights

- It has antibacterial and antiviral properties.
- Acts as a barrier / reinforcing matrix on seed surface.
- Enhances seed protection against mechanical damage and moisture ingress.
- Allows gas exchange (O_2 , CO_2 , H_2O vapour) while maintaining coverage.
- Protects seeds from pathogenic micro organisms.

Key Benefits

- Retains moisture and seed adhesion of active ingredients.
- Regulates phytohormone synthesis and root development.
- Enhance cell wall strength, stress tolerance, and disease resistance.
- Helps with water regulation and buffering micro-environment around seed.
- Enhances germination rates and growth vigor.

Use Sites



Nurseries



Gardening



Greenhouse



Turf



Agriculture



Horticulture



Forestry



Hydroponics



Chemigation



Soil Drench

Shelf Life & Storage

24 months from manufacturing date. Store in a cool, dry, well-ventilated place.

Re-Entry & Pre-Harvest Intervals

REI: 0 Hours | PHI: 0 days (Harvest can be carried out immediately after application).

Safety & Handling



Safe for humans, & beneficial organisms.



Wear protective gloves & mask.



Avoid contact with eyes & skin.



Wash equipment & hands after use.