



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

Seed Dosage

2-4% (w/w) of Product

2-4 mL every 1,000 seeds

Product Highlights

- 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
- Suitable for encrusting, film-coating or pelleting operations

Key Benefits

- Retain moisture and seed adhesion of active ingredients
- Provides silicon nutrition to early seedlings.
- Enhance cell wall strength, stress tolerance, and disease resistance.
- Helps with water regulation and buffering micro-environment around seed.
- Enhances uptake of seed-applied actives by improving adherence and micro-distribution.

Use Sites



Nurseries



Gardening



Greenhouse



Turf



Agriculture



Horticulture



Forestry



Hydroponics



Chemigation



Soil Drench

Shelf Life & Storage

12 months from manufacturing date. Store in a cool (Avoid Freezing), dry, well-ventilated.

Ideal Spray Interval

15 to 20 Days depending on the pest incidence.

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.