SEEDCOAT

AGRIPURE

PRECISION PLANT NUTRITION FORMULA

DRY SEED COAT • FIXATION • LIVING SOIL

PRODUCT DESCRIPTION

SEEDCOAT is a soluble powder applied as a dry seed coat at planting, putting its precision plant nutrition formula in direct contact with the seed. It delivers a balanced, highly effective nutrient profile by combining beneficial microbes and a full series of essential plant nutrients, with **graphite** and **talc** for easy flow in planters and enhanced retention and adsorption.

MITOSOIL is a molecular-level catalyst for advanced nutrient chelation, making nutrients ready for plant uptake. Together, **EL-I Tech** and **MitoSoil** promote superior nutrient availability, accelerated adsorption, improved nutrient cycling and enhanced root vigour.

FLAVONOX adds antioxidant protection and pest-resistance benefits.

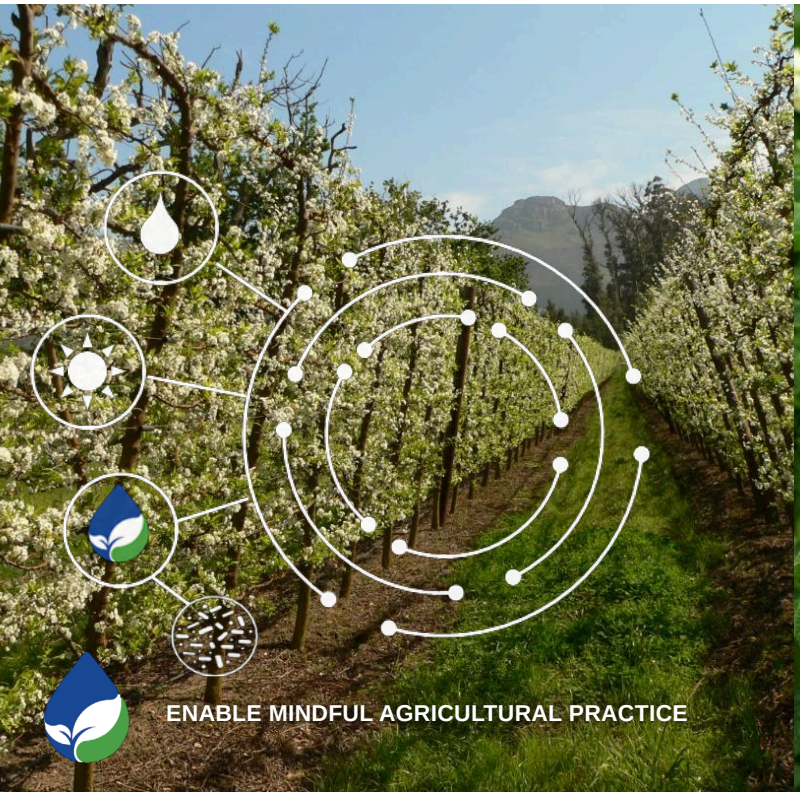
Helping crops achieve greater resilience, quality and yield potential through synergistic biological and biochemical support.

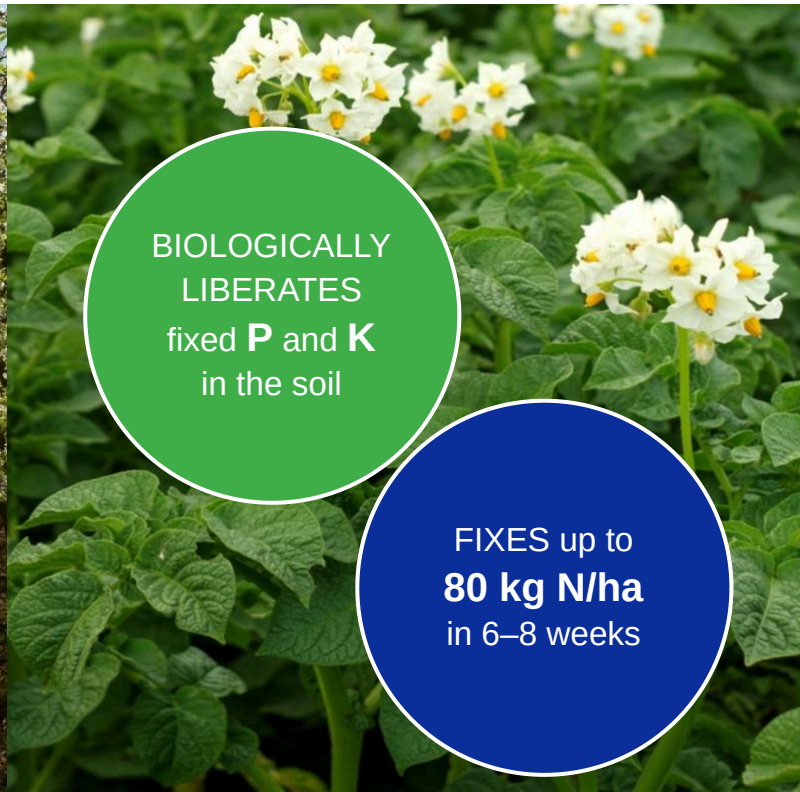
KEY FUNCTIONS

100% ORGANIC

- **Easy application in direct contact with the seed**
- **Fixes up to 80 kg N/ha in 6–8 weeks**
- **Rapid chelated nutrient absorption**
- **100% organic with no harmful chemicals**
- **Supports germination, helping enzyme activation in the second phase**
- **Biological liberation of fixed P and K from the soil**
- **Boosts soil health and root performance**

Leading to higher yields, with improved plant and soil health, in a more sustainable agricultural environment.





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ADVANCED BIOLOGICAL PLANT NUTRITION & SOIL ACTIVATION TECHNOLOGY

AgriPure SEEDCOAT is an advanced bio-organic agricultural product developed to support the natural biological processes responsible for plant nutrition, nutrient mobilisation, root development and soil health.

SEEDCOAT combines a selected consortium of beneficial microorganisms with AgriPure's biological nutrient-mobilisation technology. Once introduced into the root zone, these microorganisms become part of the active soil–plant biological system, where they help convert and mobilise nutrients into forms that plants can more readily use.

BIOLOGICAL NITROGEN SUPPORT

A key function of SEEDCOAT is its support of the natural biological nitrogen cycle. Selected microorganisms in the SEEDCOAT system contribute to biological nitrogen fixation and nitrogen transformation, helping to supplement the plant's nitrogen nutrition during active growth.

Rather than relying exclusively on conventional soluble fertiliser inputs, SEEDCOAT is designed to stimulate a living biological system in which microorganisms, plant roots, carbon sources, moisture and naturally occurring minerals interact continuously.

UNLOCKING NUTRIENTS ALREADY PRESENT IN THE SOIL

Agricultural soils contain substantial quantities of nutrients that are locked up, poorly soluble or otherwise unavailable to plant roots.

As a bio-organic soil remediator, SEEDCOAT supplies the energy that drives soil reactions producing organic acids, enzymes, vitamins and other microbial metabolites, which mobilise nutrients within the rhizosphere. The EL-I Tech and MitoSoil technologies capture nitrogen from the air in the soil and convert it into ammonia, ready for plant uptake. This biological activity can improve access to important plant nutrients, including:

- **Nitrogen (N)**
- **Phosphorus (P)**
- **Potassium (K)**
- **Calcium (Ca)**
- **Magnesium (Mg)**
- **Sulphur (S)**
- **Selected trace & micronutrients**

Phosphorus is of particular importance. Microbial activity can help solubilise poorly available phosphate compounds, increasing the proportion of phosphorus accessible within the root zone.

THE SEEDCOAT™–MITOSOIL™ BIOLOGICAL PARTNERSHIP

SEEDCOAT™ can be used in combination with AgriPure MitoSoil™ as part of an integrated biological soil-management programme. MitoSoil™ supports the biological environment, while SEEDCOAT™ supplies the specialised microbial activity.

MitoSoil™ provides carbonaceous and biologically supportive components that help sustain microbial activity. The microorganisms in SEEDCOAT™ then use this favourable rhizosphere environment to multiply, interact with plant roots and take part in nutrient cycling. Together, the two technologies are designed to create a more biologically active root zone:

Energy → **Microbial Activity** → **Nutrient Mobilisation** → **Root Uptake** → **Plant Growth**

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BUILDING A LIVING SOIL

SEEDCOAT™ is not intended as just another conventional fertiliser. It forms part of AgriPure's approach of working with the soil's biological system to improve nutrient-use efficiency and long-term soil functionality. By supporting beneficial microbial populations and nutrient cycling around the roots, SEEDCOAT™ may contribute to:

- **Improved root-zone biology**
- **Enhanced nutrient availability**
- **Biological nitrogen support**
- **Phosphate mobilisation**
- **Improved nutrient-use efficiency**
- **Stronger root development**
- **Improved soil functionality**
- **More sustainable crop production**

AGRIPURE SEEDCOAT PHILOSOPHY — ENABLING MINDFUL BIO-ORGANIC AGRICULTURAL PRACTICE

Don't only feed the crop — activate the biological system that feeds the crop.

Biological Energy. Biological Nutrition. Living Soil.

DIRECTIONS FOR USE

CROP	APPLICATION
Grain, Small Grains, Legumes	Apply 400 g per 5 ha equivalent of seed, directly into the seed hopper at planting.
Large Grain Seed	Apply 400 g per 20 ha equivalent of seed, directly into the seed hopper at planting.

TECHNICAL INFORMATION

The SEEDCOAT biological complex contains both bacterial and fungal species, micro elements and activated carbon, as well as Flavonox.

BACTERIA COMPLEX

Bacillus subtilis B80451
Bacillus licheniformis B0933
Bacillus amyloliquefaciens BY1097
Bacillus megaterium B01143
Bacillus coagulans BB0000
Bacillus clausii B0007

FUNGI COMPLEX

Paecilomyces sp.
Metarhizium sp.
Trichoderma
Mycorrhizae