

# Rootella P™ Technical Specifications

## Benefits

Rootella P is a powder mycorrhizal inoculant for agricultural crops. Grounded in science and perfected over time, Rootella forms mycelium that attaches to and effectively extends root networks. The mycelium helps plants absorb water and soil nutrients, such as those found in fertilizers and compost. Groundwork's unique mycorrhiza strains and production methods are the product of over two decades of research and development together with Israel's renowned Agricultural Research Organization (Volcani Center). Mycorrhizal inoculation provides a wide range of benefits:

1. Fertility – yield and quality improvements
2. Savings – fertilizer and water requirement reductions (notably phosphorus fertilizer)
3. Resilience – plant durability under stress and drought
4. Environment – Rootella is 100% natural and environmentally-friendly

## Composition

Rootella P is a **highly concentrated, clean and 100% natural** product:

Inert carrier: \_\_\_\_\_ vermiculite, clay powder

Active ingredient: \_\_\_\_\_ *glomus intraradices* endomycorrhiza (>2500 live propagules/gr.)

Formulation: \_\_\_\_\_ powder (< 500 µm.)

pH: \_\_\_\_\_ 7

All Rootella products contain only naturally occurring fungi (non-GMO) which are guaranteed safe for sustainable and organic agriculture and certified disease-free.

## Application

For detailed application instructions specific to your crop, please contact Groundwork.

Seed Mixing: Add Rootella P to moistened seeds and mix until slurry is uniform. Dosage varies greatly per crop, please contact Groundwork for exact dosage. Sow with mechanical drill according to normal protocol. For pneumatic seeding equipment, please use Rootella S seed coating, not Rootella P.

Other Applications: Rootella P is applicable in other scenarios as well, such as water solutions. Please contact Groundwork for more information regarding your crops and application methods.

## Important Note

AVOID any use of systemic fungicides, especially on mycorrhizal plants. Application of systemic fungicide to roots kills all mycorrhiza. Non-systemic foliage fungicides are usually safe to use. See Rootella Fungicide Compatibility document for more information.



## Terms and Conditions

Rootella™ contains mycorrhizal inoculant for plants and agricultural crops. Research has indicated that this product improves yields and reduces the necessity of fertilizer. Product embodies proprietary information and may be used only for agricultural purposes. Any reproduction, breeding, transformation or reverse engineering is prohibited. Limitation of Liability: The mycorrhizal inoculant is sensitive to environmental conditions and Groundwork BioAg Ltd. is unable to make any warranties with respect to its performance. Groundwork BioAg Ltd. is not responsible for the use or misuse of this product. Liability is limited to the amount paid for the product (excluding shipping costs). Use only as directed. If you have any difficulty in the use of the product please contact us at: [info@rootella.com](mailto:info@rootella.com).