

BIOLOGICALS

BioNPK Powder S

Microbiological biostimulant for soil and seed

BioNPK Powder S contains beneficial microorganisms that convert the nutrients N, P and K into plant-available forms, improving nutrient uptake. Mycorrhizal fungi enhance phosphorus and water absorption, and Trichoderma viride fungus promotes healthy, strong root development, plant growth and resistance to stress factors. Applied in water with an adjuvant, BioNPK Powder S can be used as a soil treatment or seed coating.

ABOUT THIS VARIETY

BioNPK Powder S is a plant biostimulator: a microbiological product for soil treatment and seed coating. Its beneficial microorganisms convert nutrients (N, P, K) into forms accessible to plants and promote their uptake. Mycorrhizal fungus, by colonising plant roots, increases the capacity to absorb nutrients (especially P) and water.

Trichoderma viride fungus, by secreting bioactive compounds, promotes plant growth and increases plant resistance to stress factors. BioNPK Powder S promotes healthy and strong root development and faster plant growth, strengthens the plant's resistance to drought, and promotes soil biodiversity. Many IH Seeds mixes are supplied coated with BioNPK Powder S.



QUICK FACTS



PRODUCT FORM
Powder



APPLICATION RATE
0.25 kg/ha soil spray; 1–2 kg/t seed

KEY ATTRIBUTES

- ✓ Converts N, P and K into plant-available forms
- ✓ Promotes healthy, strong root development
- ✓ Strengthens resistance to drought and stress
- ✓ Promotes soil biodiversity
- ✓ Soil spray or seed coating
- ✓ Mixes with many fertilisers and pesticides

PLANTING & GRAZING NOTES

Soil application: mix the required amount with 100–400 L of water per hectare and spray onto bare soil before or at sowing, or until plants cover the inter-rows. Seed coating: pasture seed 2 kg/t, with a total solution rate of 1 L/t. Dissolve BioNPK Powder S in a separate container before filling the sprayer, and add it last, after other crop protection products and fertilisers. It can be mixed with many biological products, fertilisers and pesticides, and with liquid urea, in which case use the prepared solution within 6 hours. Avoid mixing with substances that have strong biocidal properties; fungicides have a negative impact. Store cool and dry at 5–30°C, out of sunlight. Microorganisms can be sensitising and cause an allergic reaction. Wear personal protective equipment when handling the product and avoid contact with skin and eyes. Coated seeds with a moisture content of 12–14% can be stored for up to a month with the least possible temperature fluctuations. Shelf life is 2 years from production, in tightly closed original packaging.

HOW IT'S SOLD

FORM	PACK
Bare	5 kg