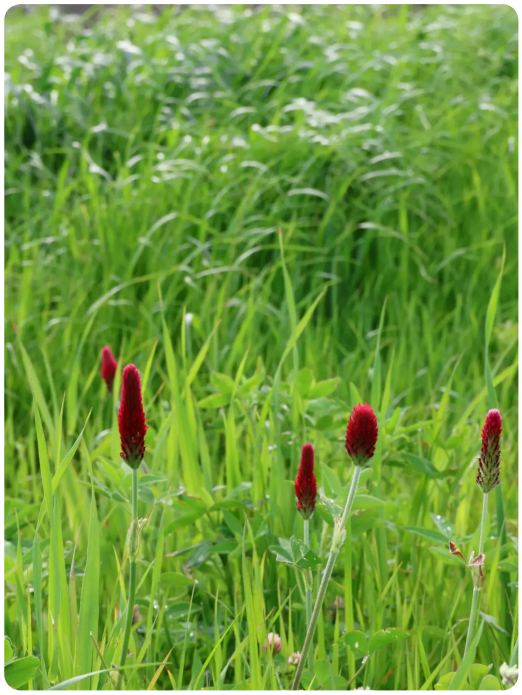
BIOLOGICALS

# BioNPK Powder S

## Microbiological product for soil treatment and seed coating

BioNPK Powder S (ECOCERT Approved) 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 mixed with water or with an adjuvant, BioNPK Powder S can be used as a bare soil treatment or mixed with water to coat seed. BioNPK Powder S is compatible, unless otherwise specified, with other biologicals, fertilisers, pesticides and liquid urea. Mix the required amount of product (250 grams /ha) with water in a container before filling the sprayer at 100-400L per application.



### QUICK FACTS

PRODUCT FORM
Powder

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

## 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 plant available forms improving nutrient 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 stress factors such as waterlogging and drought, and promotes soil biodiversity. Many IH Seeds mixes are supplied coated with BioNPK Powder S.

## KEY ATTRIBUTES

- ✓ Converts N, P and K into plant-available forms
- ✓ Promotes healthy, strong root development for greater nutrient and water uptake
- ✓ Strengthens resistance to stress factors
- ✓ Promotes soil biodiversity
- ✓ Soil spray or seed coating (powder)
- ✓ Mixes and is compatible with many fertilisers, pesticides, liquid urea and other Biologicals

## PLANTING & GRAZING NOTES

Seed coating : for pasture seed mix with water at a rate of 2 kg/t, with a total solution rate of 1 L/t. Bare soil application: mix the required amount of product (250 grams/Ha) at 100–400 L of water per application and spray onto bare soil before or at sowing, or before plants cover the inter-rows. 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, unless otherwise stated, with many biological products, fertilisers and pesticides, and with liquid urea. Use the prepared solution within 6 hours. Use clean equipment and 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. Shelf life is 2 years from production, in tightly closed container or original packaging.

## STAND LIFE

Shelf life is 2 years from production and stored in a dry well-ventilated place, protected from direct sunlight and in tightly closed original packaging between 5–30 °C.

## HOW IT'S SOLD

| FORM | PACK |
|---|---|
| Bare | 5 kg |