

TECHNICAL DATA SHEET

FERTICELL NPK 9-4-4 Powder Soluble

NPK

Product usable in Organic Agriculture according to Regulation (EU) No 2018/848 and 2021/1165.
Product that complies with NOP (National Organic Program - USDA).

Description - Specifications

FERTICELL NPK 9-4-4 Soluble Powder is an organic powdered fertilizer, indicated for the prevention and correction of nitrogen, phosphorus, and potassium deficiencies. It promotes the growth and vigor of all plants and is chloride-free.

FERTICELL NPK 9-4-4 Soluble Powder can be applied both foliarly and by irrigation in all types of crops during any stage of the vegetative cycle.

FERTICELL NPK 9-4-4 Soluble Powder is an organic and ecological protein powder. It is rapidly absorbed and highly effective. Absorption can reach 90% within the first 3 hours after foliar application. It is nitrogen-neutral and reduces the risk of nitrogen contamination.

The application of **FERTICELL NPK 9-4-4 Soluble Powder** is designed to avoid the excessive use of nitrogen fertilizers. It should be applied during the most critical stages of plant development: post-transplanting, growth, pre-flowering, fruit set and development, and when adverse conditions exist for crop development: heat stress, frost, hail, water or salinity stress, pest and disease infestations, phytotoxicity, etc.

FERTICELL NPK 9-4-4 Soluble Powder used during the growth phase, activates the metabolic systems of crops and gives vigor to plants, improving their response to abiotic stress as well as the healing of cuts/wounds on the leaves of the crop thanks to its high amino acid content.

Utilization

GUARANTEED ANALYSIS:

Composition	Percentage (w/w)
Total Nitrogen (N)	9%
Total phosphorus (P ₂ O ₅)	4%
Total Potassium (K ₂ O)	4%
Total Amino Acids	45%
Ammoniacal nitrogen	0.084
Organic nitrogen	9.00
Total Organic Matter	77.20%
Total organic carbon (C)	44.80%
C/N ratio	4.97%

PHYSICAL PROPERTIES

State:	solid powder
Color:	Brown
Solubility:	100% soluble
Humidity:	9.54% (w/w)
Dry material:	90.50% (w/w)

GENERAL RECOMMENDATIONS FOR USE AND DOSAGE

Crop	Foliar dose	Fertigation dosage
Fruit trees (Citrus fruits, Apples, Pears, Blueberries, Almonds, Cherries, Peaches, Avocado, etc.)	-Maintenance: 150gr/100 l/ application 3-4 applications	- Maintenance: 2Kg/ha per application
Horticultural crops: (Tomato, Potato, Cucumber, Melon, Zucchini, Cauliflower, Onion, Carrot, Pepper, etc.)	-Maintenance: 200g/100 l/application 3-4 applications	- Maintenance: 3Kg/ha per application
Extensive crops: (Cereals, Alfalfa, Cotton, Beetroot, Corn, Sunflower, etc.)	-Maintenance: 100-200g/100 l/application 3-4 applications	- Maintenance: 1-3Kg/ha per application

- The specified doses are general recommendations. The amounts depend on the crop, phenological stage, level of deficiency, and soil type.
- The physical and appearance characteristics of the product may be altered due to the ecological nature of the product.
- Use under technical guidance. Keep at room temperature.

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Foliar
Fertigation

Containers available



20Kg

Agroplasma SL
Santa Teresa Industrial Estate
Torre del Mar Street No. 56
29004 Málaga, Spain

ATTESTATIONS:



Product suitable for use in
Organic Agriculture in
accordance with
Regulations (EU) No.
2018/848 and 2021/1165,
the NOP Regulation.

Control ECOCERT SAS

Raw materials of organic origin: Class A.
**"Heavy metal content below the limits authorized
for this classification."**

Suitable product for:

- ☐ Formulation of liquid fertilizers.
- ☐ Soil fertilizers.
- ☐ 1 mm granules or 4 mm granules

Important notes:

1. Stable under normal ambient temperature conditions.
2. In fertigation applications, divide the application, with a maximum of 10 kg/ha, at intervals of 10-15 days.
3. It is compatible with most plant protection products and fertilizers and with most herbicides.



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