

# 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 (P2O5)	4%
Total Potassium (K2O)	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  
Fertilization

### 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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