

TECHNICAL DATA SHEET

FERTICELL NPK 7-7-7 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)

Product that complies with the JAS Regulation (Japanese Agricultural Standard - Japan)

Description- specifications

FERTICELL NPK 7-7-7 Powder Soluble is an ecological powder fertilizer, indicated for the prevention and correction of nitrogen, phosphorus, and potassium deficiencies. This compound, completely soluble in water and manufactured from high-quality plant species, guarantees rapid absorption and incomparable effectiveness.

Its balanced formulation is designed to increase energy during the vegetative phase and strengthen development during flowering/fruitletting. This product stimulates plant growth, improves its defenses and enhances root development thanks to its optimal content of nitrogen, phosphorus and potassium.

The amino acids present in **FERTICELL NPK 7-7-7** improve plant reactions to stress situations, while phosphorus contributes to root growth and potassium increases the sugar content in fruits, favoring the synthesis and transport of carbohydrates.

Furthermore, the contribution of organic nitrogen significantly reduces the content of nitric forms of this element in the final product of the crop.

Thanks to the versatility of **FERTICELL NPK 7-7-7**, it can be applied both foliarly and by irrigation to all types of crops during any stage of the plant cycle. During the growth phase, it activates the metabolic systems of crops and provides vigor, improving their response to abiotic stress and promoting the healing of cuts or wounds on the leaves. When used during the flowering and fruiting phases, **FERTICELL NPK 7-7-7** ensures correct fruit set and higher yields.

GUARANTEED ANALYSIS:

| Composition | Percentage (w/w) |
|------------------------------|------------------|
| Total Nitrogen (N) | 7,00% |
| Total Phosphor (P205) | 7,00% |
| Total Potassium (K20) | 7,00% |
| Ammoniacal Nitrogen | 0,49 |
| Organic Nitrogen | 7,13 |
| Total Amino acids | 33,45% |
| Total Organic Matter | 69,30% |
| Total Organic Carbon (C) | 40,20% |
| C/N relation | 5,74% |

PHYSICAL PROPERTIES

| | |
|---------------|--------------|
| State: | Solid powder |
| Colour: | Brown |
| Solubility | 100% soluble |
| Humidity: | 12,84 %(w/w) |
| Dry Material: | 87,20 %(w/w) |

GENERAL USAGE AND DOSAGE RECOMMENDATIONS

| Crop | Foliar dose | Fertigation dose |
|---|---|--|
| 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, Courgette, Cauliflower, Onion, Carrot, Pepper, etc) | -Maintenance: 200gr/100 l/ application 3-4 applications | - Maintenance: 3Kg/ha per application |
| Extensive crops: (Cereals, Alfalfa, Cotton, Beetroot, Corn, Sunflower, etc) | -Maintenance: 100- 200gr/100 l/ application 3-4 applications | - Maintenance: 1- 3Kg/ha per application |

- The specified dosages are general recommendations. The amounts depend on the crop, phenological state, 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.

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Uses



Foliar
Fertigation

Available containers



20Kg

ATTESTATIONS:

Product suitable for use in Organic Agriculture in accordance with Regulations (EU) n°2018/848 and 2021/1165, the NOP Regulation and the JAS Regulation.



Control ECOCERT
F – 32600

Raw materials of organic origin: Class A.

"Heavy metal content lower than the authorized limits for this classification."

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29004 Malaga, Spain

• Use under technical advice. Keep it at **room temperature**.

| Total Amino acid | %(w/w) |
|----------------------------------|--------------|
| Aspartic acid | 2,20 |
| Gamma aminobutyric acid | 1,12 |
| Glutamic acid | 5,4 |
| Alanine | 3,65 |
| Arginine | 1,72 |
| Phenylalanine | 1,68 |
| Glycine | 2,16 |
| Hydroxyproline | < 0,0500 |
| Histidine | 1,16 |
| Isoleucine | 1,43 |
| Leucine | 2,19 |
| Lisine | 1,03 |
| Methionine | 0,89 |
| Proline | 2,91 |
| Serine | 1,98 |
| Tyrosine | 0,87 |
| Threonine | 1,30 |
| Tryptophan | <0,05 |
| Valina | 2,03 |
| Total, sum of amino acids | 33,45 |

Product suitable for:

- ❖ Formulation of liquid fertilizers.
- ❖ Fertilizers of soil.
- ❖ 1mm granules or 4mm granules

Important notes:

1. Stable under normal temperature conditions ambient.
2. In fertigation applications, divide input being maximum: 10Kg/ha, at intervals of 10-15 days.
3. It is compatible with the majority of phytosanitary products and fertilizers and with the majority of herbicides.



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