

TECHNICAL DATA SHEET

FERTICELL Explorer Nitrogen 16% powder soluble

Nitrogen N 16- Amino acids

Product usable in Organic Farming according to EC Regulation n° 2018/848 and 2021/1165.

Product compliant with NOP (National Organic Program - USDA).

Description- specifications

FERTICELL Explorer Nitrogen 16% powder soluble is an ecological powdered fertilizer, indicated for the prevention and correction of nitrogen deficiencies; it favours the growth and vigour of all plants & is **Free of Chlorides**.

FERTICELL Explorer Nitrogen 16% powder soluble can be applied both foliar and/or irrigation in all kind of crops during any stage of the vegetative cycle.

FERTICELL Explorer Nitrogen 16% powder soluble, is a 100% soluble compound, manufactured from vegetable species such as soybeans, no gmo. It has a quick absorption and high efficiency. Absorption can become within the first 3 hours to 90% after a foliar spray. It is neutral and reduces risk of nitrogen pollution.

The application of **Ferticell Explorer Nitrogen 16% powder Soluble** is designed to avoid the massive use of nitrogenous fertilizers. It must be applied at the most critical moments of plant development: post-transplant, growth, pre-flowering, fruit set and development, and when there are adverse conditions for the development of the crop: heat stroke, frost, hail, water stress or saline, pest and disease attacks, phytotoxicities, etc.

Ferticell Explorer Nitrogen 16% powder Soluble used during the growth phase, activates crops metabolic systems activator and gives vigour to plants, improving their response to abiotic stress as well as the healing of the cut / wound in crop leaves thanks to its high content of amino acids.

Uses



Foliar
Fertigation

Available containers



20Kg

Agroplasma SL
Polígono Industrial Santa Teresa
Calle Torre del Mar N°56
29004 Malaga, Spain

Certifications

GUARANTEED ANALYSIS:

Composition	Percentage (w/w)
Total Nitrogen (N)	16,00%
Organic Nitrogen	15,80
Total Amino acids	98,60%
Total Organic Matter	91,50%
Total Organic Carbon (C)	53,10%
C/N relation	3,29%

PHYSICAL PROPERTIES

State:	Solid powder
Colour:	Brown
Humidity:	2,36 %(w/w)
Dry Material:	97,60 %(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.
- Use under technical advice. Keep it at **room temperature**.

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Control ECOCERT
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Raw materials of organic origin: Class A.

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

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Total Amino acid	%(w/w)
Aspartic acid	4,80
Gamma aminobutyric acid	<0,05
Glutamic acid	8,10
Alanine	8,00
Arginine	7,04
Phenylalanine	1,94
Glycine	25,50
Hydroxyproline	14,57
Histidine	0,69
Isoleucine	1,43
Leucine	2,87
Lisine	3,08
Methionine	0,87
Proline	13,97
Serine	2,23
Tyrosine	0,61
Threonine	0,78
Tryptophan	<0,05
Valina	2,10
Total, sum of amino acids	98,60

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.