



### Descriptions - Specifications

**FERTICELL Explorer 16-0-0** is an ecological powdered fertilizer, indicated for the prevention and correction of nitrogen deficiencies; it favors the growth and vigor of all plants & is Free of Chlorides.

**FERTICELL Explorer 16-0-0** can be applied both foliar and/or irrigation in all kind of crops during any stage of the vegetative cycle.

**FERTICELL Explorer 16-0-0**, 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 16-0-0** 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 16-0-0** used during the growth phase, activates crops metabolic systems activator and gives vigor 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.

### Available Containers



44 lb. Bag

### Uses

Foliar and Fertigation

### GUARANTEED ANALYSIS

Composition	Percentage (w/w)
Total Nitrogen (N)	16%
Organic Nitrogen	15.80
Total Amino acids	98%
Total Organic Matter	91%
Total Organic Carbon (C)	53%
C/N relation	3.29

### PHYSICAL PROPERTIES

State:	Solid powder
Color:	Brown
Humidity:	2.36 %(w/w)
Dry Material:	97.60 %(w/w)

### GENERAL USAGE AND DOSAGE RECOMMENDATIONS

Crop	Foliar Dose	Soil Dose
Fruit trees (Citrus fruits, Apples, Pears, Blueberries, Almonds, Cherries, Peaches, Avocado, etc)	1-7 pounds / acre	1-7 pounds / acre
Horticultural crops: (Tomato, Potato, Cucumber, Melon Courgette, Cauliflower, Onion, Carrot, Pepper, etc)	1-7 pounds / acre	1-7 pounds / acre
Extensive crops: (Cereals, Alfalfa, Cotton, Beetroot, Corn, Sunflower, etc)	1-7 pounds / acre	1-7 pounds / acre

- 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**.



### Certifications



Product compliant with NOP (National Organic Program - USDA)

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

Agroplasma, Inc., dba Ferticell  
5865 S. Kyrene Suite 1  
Tempe, AZ 85283  
330-361-1300

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
<b>Total, sum of amino acids</b>	<b>98.60</b>

### Product suitable for:

- Formulation of liquid fertilizers.
- Fertilizers of soil.

### Important notes:

1. Stable under normal temperature conditions ambient.
2. In fertigation applications, divide input being maximum: 9 lbs./acre, at intervals of 10- 15 days.
3. It is compatible with the majority of phytosanitary products and fertilizers and with the majority of herbicides.