

Biofertin

ORGANIC SLOW RELEASE
GRANULAR FERTILIZERS
FOR FERTILE SOILS AND
HIGHLY PRODUCTIVE CROPS

NPK 10 - 4 - 3

NPK 6 - 15 - 3

NPK 6 - 8 - 15

Fertilizers that respect
the environment



Produced in the
European Union



Organic
certified

Produced by

HUMOFERT 

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The organic slow release granular fertilizers **BIOFERTIN** are produced by high quality organic raw materials that come from plant and animal by-products and natural minerals. Through constant monitoring of the fertilizer's qualitative characteristics starting from production to packing and continuous controls of both the raw materials and the final product, it is being ensured that the organic granular fertilizers **BIOFERTIN** comply with all national, european and international rules concerning the safety of the product.

The organic granular fertilizers **BIOFERTIN** are manufactured according to the standards of quality, health and safety EFQM, ISO and HACCP, which guarantee the high quality of the product as well as the protection of the farmer and the final consumer. For the above reasons farmers can feel safe when they use organic granular fertilizers **BIOFERTIN**.

PROPERTIES

- **Nutrients for the plants from mother nature.**
- **Gradual release of nutrients for a settled and ensured growth.**
- **Nutrients easily absorbed and assimilated by the plants.**
- **Nutrients do not leach or evaporate.**
- **Specially formulated in granules of 0.8 - 4.0 mm diameter for easy and practical use.**

The family of the organic granular fertilizers **BIOFERTIN** includes a full series of N-P-K (Nitrogen-Phosphorus-Potassium) formulations in order to cover the various nutritional needs of all crops. All the formulations contain high levels of organic matter that improves the nutrient uptake by plants and increases the populations of the beneficial soil microorganisms.

The Organic granular fertilizers **BIOFERTIN** are applied widely in the following crops:

- Grapes
- Trees
- Vegetables
- Horticulture
- Field crops (cereals, cotton, corn etc)
- Fodders
- Ornamentals
- Landscapes and Lawns
- Gardens and Turfs

NPK 10 - 4 - 3

DESCRIPTION

BIOFERTIN 10-4-3 is an approved totally natural organic fertilizer, specially designed to offer a large amount of organic nitrogen fully available to the crops. It contributes to the soil fertility in two levels:

- 1) Nutritional Level: Supplies nitrogen and all the other vital elements to the plants in the highest quality and quantity.
- 2) Biological Level: Contributes to the rhizosphere rejuvenation by offering a large amount of organic matter to the soil (metal chelation, growth stimulation)

STANDARD ANALYSIS

Total Organic Nitrogen (N)	10 %
Total Phosphorus (P ₂ O ₅)	4 %
Total Potassium (K ₂ O)	3 %
Calcium (CaO)	6 %
Magnesium (MgO)	0.5 %
Sulphur (S)	1.5 %
Micronutrients (B, Fe, Zn, Mn, Cu)	1 %
Moisture	8 %
Organic matter	65 %
pH	5.5 - 6.5

RAW MATERIALS

Feathermeal, meatmeal, guano, vinasse and cacao

NPK 6 - 15 - 3

DESCRIPTION

BIOFERTIN 6-15-3 is a completely organic fertilizer. It is guaranteed pure and free of fungi, pathogens and phytopathogenic bacteria. It has been dehydrated and is formulated in granules. **BIOFERTIN 6-15-3** can be applied with any manure or fertilizer distributing equipment and is suitable for all crops.

STANDARD ANALYSIS

Total Organic Nitrogen (N)	6 %
Total Phosphorus (P ₂ O ₅)	15 %
Total Potassium (K ₂ O)	3 %
Calcium (CaO)	20 %
Magnesium (MgO)	0.5 %
Sulphur (S)	1.5 %
Micronutrients (B, Fe, Zn, Mn, Cu)	1 %
Moisture	8 %
Organic matter	45 %
pH	5.5 - 6.5

RAW MATERIALS

Bonemeal, meatmeal, guano and vinasse

NPK 6 - 8 - 15

DESCRIPTION

BIOFERTIN 6-8-15 is "on the top of the list" of the natural organic fertilizers. It is guaranteed pure and free of fungi, pathogens and phytopathogenic bacteria. It has been dehydrated and is formulated in granules. **BIOFERTIN 6-8-15** can be applied with any manure or fertilizer distributing equipment and is suitable for all crops.

STANDARD ANALYSIS

Total Organic Nitrogen (N)	6 %
Total Phosphorus (P ₂ O ₅)	8 %
Total Potassium (K ₂ O)	15 %
Calcium (CaO)	10 %
Magnesium (MgO)	1.5 %
Sulphur (S)	4.5 %
Micronutrients (B, Fe, Zn, Mn, Cu)	1 %
Moisture	8 %
Organic matter	40 %
pH	5.5 - 6.5

RAW MATERIALS

Bonemeal, meatmeal, guano, vinasse, potassium sulfate (mineral) and bloodmeal

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APPLICATIONS-APPLICATION RATES

Crop	Application timing	Application	Application rate		
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Fruit trees	From the beginning of the year until mid spring	Spread the fertilizer and incorporate it in the soil slightly	600-700 kg/ha	500-600 kg/ha	800-1,000 kg/ha
Grapes	From the beginning of the year until mid spring	Disperse the fertilizer during soil preparation and incorporate it in the soil slightly	400-600 kg/ha	600-800 kg/ha	1,000-1,200 kg/ha
Olives	From December till mid spring	Spread the fertilizer and incorporate it in the soil slightly around the trunk of the trees	3-5 kg/tree	1-2 kg/tree	3-5 kg/tree
Citrus	1-2 times per year from Autumn up to Spring	Spread the fertilizer and incorporate it in the soil slightly	600-800 kg/ha	500-700 kg/ha	1,000-1,200 kg/ha
Kiwis	1-2 times per year from Autumn up to Spring	Disperse the fertilizer and incorporate it in the soil slightly	400-600 kg/ha	600-800 kg/ha	1,000-1,200 kg/ha
Open field vegetables	During soil preparation for sowing or before transplanting	Disperse the fertilizer during soil preparation	700-1,000 kg/ha	600-800 kg/ha	900-1,200 kg/ha
Greenhouse fruiting crops	During soil preparation for sowing or before transplanting	Disperse the fertilizer during soil preparation	700-1,000 kg/ha	500-700 kg/ha	700-900 kg/ha
Strawberry	During soil preparation before planting	Disperse the fertilizer during soil preparation	600-700 kg/ha	600-700 kg/ha	1,500-1,600 kg/ha
Potato	During soil preparation before planting	Disperse the fertilizer during soil preparation	500-600 kg/ha	600-800 kg/ha	800-1,000 kg/ha
Cereals, Corn, Rice, Cotton, Tobacco	During soil preparation for sowing or at the beginning of each crop	Spread the fertilizer during soil preparation for sowing and incorporate it in the soil slightly	400-800 kg/ha	500-800 kg/ha	600-800 kg/ha
Fodders	During soil preparation for sowing or at the beginning of each crop	Spread the fertilizer during soil preparation for sowing and incorporate it in the soil slightly or disperse it in the whole area	400-800 kg/ha	600-800 kg/ha	400-600 kg/ha
Flowers	During soil preparation for sowing	Disperse the fertilizer during soil preparation	700-1,000 kg/ha	800-1,000 kg/ha	1,500-2,000 kg/ha
Lawn, Turf, Landscapes, Gardens	During soil preparation for sowing or during Spring for established turfs	Spread the fertilizer during soil preparation for sowing or disperse it in the whole area of the turf	750-1,000 kg/ha	600-800 kg/ha	500-700 kg/ha
Shrubs, Bushes, Ornamentals	During soil preparation for planting or from January till June	Spread the fertilizer during soil preparation for planting or disperse it around the trunk of the trees and incorporate it in the soil slightly	25-100 g/plant	25-100 g/plant	25-100 g/plant

The recommended application rates concern soils that are at a normal level of plant nutrients. In all the other cases the recommended application rate is determined according to the results of a soil analysis. The organic granular fertilizers **BIOFERTIN** are designed and suitable for the starter fertilization, for application before sowing or transplanting of plantlets as well as plant nutrients addition. Application timing is long and starts from Winter till Spring since nutrient losses are not a matter. Since **BIOFERTIN** are organic fertilizers, it is recommended to incorporate them in the soil slightly at a maximum depth of 15 cm in order to achieve the maximum benefit from the natural and biological action of the organic substances.