

Nutrifert® NPK

Lubrication effect

The focus of modern agriculture on high yields, high quality products, and environmental protection are inextricably linked to the quality of the soil and the practices of its preservation. Adapting fertilizing to the diverse nutritious requirements of plants is the “key” to preserve the fertility of the soil and maintain the high productivity of agricultural units. Nutrifert® NPK is a full line of fertilizers which combine high quality and a long experience in the field of crops nutrition. Each grain contains nutrients in fully absorbable forms and in ratios that are perfectly adapted to the requirements of the crops. Besides the main macronutrients (N-P-K), most types also contain secondary macronutrients, as well as micronutrients (S, Mg, B, Zn), so as to ensure an integral nutrition of the crops. Developed based on the needs of Greek soils, Nutrifert® NPK allow for fertilizing adapted to the different requirements of each soil and crop, and they achieve the full nutritional sufficiency and high productivity of crops.

Properties

Nutrifert® NPK are high quality compound multinutrient fertilizers. Their elemental composition is specifically adapted to the requirements of crops, ensuring an adequate supply of the essential nutrients to plants. Their excellent granulometry and special grain coating facilitate their management and guarantee uniform dispersion on application. The high solubility, increased Sulphur content, fully absorbable form, and specialized ratio in which the nutrients are combined maximize the effectiveness of fertilizing, improving the quantity and quality characteristics of production.

Mode of Action

Each grain of Nutrifert® NPK combines the rapid action of Nitrate with the extended action of Ammoniac Nitrogen in a balanced way. Phosphorus is contained in its most absorbable form, while Potassium is completely water-soluble and immediately available to the plants. Moreover, the formula is enriched by a set of secondary elements, depending on the type of fertilizer. Once the grain reaches the ground, it absorbs the humidity from the soil and disperses the nutrients uniformly. As a result, a homogeneous nutritious region is formed around the grain that functions as a “nutrient deposit” for the plants. From that point, the nutrients gradually enter the soil solution, are absorbed by the plants, and boost the growth of root and the above-ground part of the plant. The fully absorbable form and specialized ratio in which the essential and secondary nutrients are combined create synergistic interactions between them, increase their availability, and achieve optimum absorption by the plants. Nutrifert® NPK fertilizers ensure the integral nutrition and high yields of the crops fertilized with them.

Nutrifert® base
11-15-15(+13S)

A top NPK fertilizer, full in the essential macronutrients required for the successful establishment and robust growth of a crop. Its elemental composition and experience in the field make Nutrifert® 11-15-15 a point of reference regarding the basic fertilizing of crops and a benchmark in the development of Greek agriculture. With 90% water-soluble Phosphorus, 100% Ammoniac Nitrogen content, and highly enriched with Sulphur, it prevails over all similar products which have been getting imported in the Greek market over the past few years and meet none of the above requirements. Ideal for the basic fertilizing of all types of crops (Arboriculture, Viticulture, Horticulture, Field Crops) in all types of soil.

Organofert®
12-12-12(+14S)+10% O.Y.

Compound NPK BIOINORGANIC fertilizer. Results from the combination of inorganic nutrients (N-P₂O₅-K₂O-S) with large molecules of an organic substance. Humic complexes contain substances with a direct effect on crops. They stimulate the growth of the root system, boost flowering and fructification, and improve the organoleptic properties of the crop. At the same time, they function as activators of the physicochemical properties of the soil, alter the mobility of the nutrients, and increase their availability to the crop. Organofert 12-12-12(+14S)+10% O.Y. constitutes a unique choice for the basic fertilizing of all types of crops, without exception.

Nutrifert® super
21-8-8(+7)+2MgO+TE

Compound NPK fertilizer with Magnesium and Trace elements. Complete type 2:1:1 which perfectly covers the high demands of crops in Nitrogen, be it during the first stages of their establishment or at the beginning of the annual vegetative circle. The balanced ratio of Phosphorus and Potassium ensures the strong growth of the root system and the required nutritional sufficiency for the optimum transition of the plants to the reproductive phase. Enriched with Magnesium and Trace elements, it provides integral nutrition and increases the robustness and the yields of the crop. Ideal for the basic fertilizing of cotton, spring cereals, olive trees, and Arboriculture in general.

Nutrifert® Olistar
19-6-15(+3S)+2MgO+0,5B

Compound NPK fertilizer with Magnesium and Boron. Its composition is adapted to the particular requirements of borophile cultures with increased Nitrogen and Potassium needs. The high Nitrogen and Boron content covers the increased needs of the sprouting and flowering phases, whilst Potassium directly affects the quantity and quality of the final product, increasing the production of carbohydrates and lipogenesis. Ideal for the fertilizing of olive trees, fruit trees, beets, sunflowers, and any borophile type of crops.

Nutrifert® N-max
26-7-5(+3S)+0,5Zn

Compound NPK fertilizer with Zinc. Combining its high Nitrogen content with Zinc, it has been developed to meet the needs of crops with a rich and rapid growth of their leaf area, such as corn. The balanced quantities Phosphorus and Potassium promote the strong development of the root and the stem, providing the necessary conditions for an increased production. Suitable for the fertilizing of corn and other spring cereals.

Nutrifert® starter
18-9-6(+9S)+0,2Zn

Compound NPK fertilizer with Zinc. With a 3:2:1 ratio, it is intended for winter and spring crops of industrial plants and cereals. It can overcome the binding capacity of Phosphorus in the soil, replenishes the quantities of Potassium that are lost from the soil through harvest, and protects the plants from root rots during the critical first stages of growth. It perfectly meets the nutritional requirements of cotton as well as other crops with high requirements in Zinc.

Nutrifert® standard
20-10-10(+7S)

Compound NPK fertilizer with Sulphur. It is the classic fertilizer intended for the basic fertilizing of Nitrophilous cultures. The 2:1:1 ratio of nutrients and the high ratio of Ammoniac and Nitric Nitrogen fully cover the nutritional requirements of the sprouting phase and boost the robust flowering of the crop. Suitable for the basic fertilizing of a wide range of crops, particularly cotton, spring cereals, and Arboriculture.



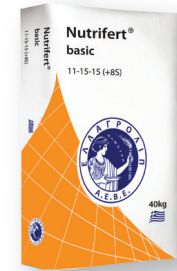
Products	Total Nitrogen (N)	Ammoniac Nitrogen (NH ₄)	Nitrate Nitrogen (NO ₃)	Phosphorus (P ₂ O ₅)	Potassium (K ₂ O)	Magnesium (MgO)	Sulphur (S)	Boron (B)	Zinc (Zn)	Organic Matter
Nutrifert® base 11-15-15(+13S)	11%	11%	0	15%	15%	-	13%	-	-	-
Nutrifert® basic 11-15-15(+8S)	11%	11%	0	15%	15%	-	8%	-	-	-
Organofert® 12-12-12(+14S)+10% O.Y.	12%	12%	0	12%	12%	-	14%	-	-	10%
Nutrifert® super 21-8-8(+7S)+2MgO+TE	21%	14,5%	6,7%	8%	8%	2%	6%	0,1%	0,01%	-

Products	Total Nitrogen (N)	Ammoniac Nitrogen (NH ₄)	Nitrate Nitrogen (NO ₃)	Phosphorus (P ₂ O ₅)	Potassium (K ₂ O)	Magnesium (MgO)	Sulphur (S)	Boron (B)	Zinc (Zn)	Organic Matter
Nutrifert® Olistar 19-6-15(+3S)+2MgO+0,5B	19%	11,5%	7,5%	6%	15%	2%	3%	0,5%	-	-
Nutrifert® N-max 26-7-5(+3S)+0,5Zn	26%	15%	11%	7%	5%	-	3%	-	0,5%	-
Nutrifert® starter 18-9-6(+9S)+0,2Zn	18%	14%	4%	9%	6%	-	9%	-	0,2%	-
Nutrifert® standard 20-10-10(+7S)	20%	14%	6%	10%	10%	-	7%	-	-	-

Strength superiority ...



Nutrifert®
base



Nutrifert®
basic



Organofert®



Nutrifert®
N-max



Nutrifert®
olistar



Nutrifert®
standard



Nutrifert®
starter



Nutrifert®
super

Advantages

- Specialized composition, adapted to the nutritional requirements of crops.
- All the nutrients are contained in the grain in a form absorbable by the plants.
- Direct supply of the nutrients to the crop. Minimization of losses.
- High Ammoniac Nitrogen content, which makes them unique regarding the basic fertilizing of crops.
- High solubility of Phosphorus, up to 90%, to supply crops in all types of soil.
- Additional enrichment with Sulphur for a better utilization of Nitrogen and Trace Elements.
- Excellent granulation with compact grains that do not create dust.
- Large width of application and uniform dispersion, leaving no gaps in the field.



Unique Quality
High Solubility
Excellent Granulometry

- Guaranteed supply of nutrients
- uniform dispersion, without gaps in the field
- absence of dust



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The fertility power

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Lubrication effect

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