

Increased yields and the production of high quality agricultural products are closely linked to the utilization of agricultural research in the field of crops nutrition. The development of innovative products, capable of providing targeted nutrition and covering the particular nutritional needs of plants at every stage of development, is instrumental to the effectiveness of fertilizing and productivity of crops. Complefert is a full line of fertilizers that combine high quality and a long experience in the field of crop fertilizing. They have been developed in order to supply the plants with all the essential macronutrients (N, P, K, S, Mg) as well as the most important trace elements (B, Zn, Fe) that are required for the integral nutrition of crops. The special production process combines the nutrients in a precisely adapted ratio and in fully absorbable form inside each grain of Complefert. As a result, it creates synergies between them, increases their absorption by the crop, and maximizes the effectiveness of fertilizing.



Complefert® Top nourishment

Properties

Complefert®, are high quality compound fertilizers that contain all of the nutrients required for the integral nutrition and robust growth of crops. Their elemental composition is adapted to the particular requirements of arboriculture, viticulture, horticulture and modern arable cultures. Their fully absorbable form and specialized ratio of nutrients ensure optimum nutrition of the plants at every stage of their development. Excellent granulometry, in combination with high solubility and high sulphur content, maximize the effectiveness of fertilizing and the utilization of the nutrients by the crop. Developed based on the needs of Greek soils, Complefert® successfully meet the particular soil characteristics and the dry and warm climate of our country. They provide reliable and integral nutrition, increase yields, and enhance the qualitative characteristics of crops.

Mode of action

In each Complefert® grain, the rapid action of Nitrate and the extended duration of Ammoniac Nitrogen are combined in a specialized ratio. Phosphorus is contained in its most absorbable form, while Potassium is completely water-soluble and immediately available to the plants. In addition, each grain is enriched with Sulphur and a set of secondary elements and trace elements. The concurrent presence of Ammoniac Nitrogen, water-soluble Phosphorus and Sulphur reduces their immobilization in the soil and increases their metabolic activity inside the plant. Once the grain reaches the ground, it absorbs the humidity from the soil and difsperses the nutrients uniformly. As a result, a homogeneous nutritious region is created 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 above-ground part of the plant. The fully absorbable form and the 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. Complefert® fertilizers ensure the integral nutrition and high yields of the crops fertilized with them.



Complefert® bluestar 12-12-17+2MgO+TE



Compound NPK fertilizer with Magnesium and Trace elements for all types of crops. It is characterized by its elemental completeness, uniform distribution of macro and micronutrients in every grain, the high water solubility of Phosphorus, and high Potassium and Sulphur content. Its well designed formula, specialized ratio, and high solubility increase the absorption of the nutrients and perfectly cover the needs of plants, ensuring the balanced and congruent nutrition of the crops fertilized with it. When it comes to basic fertilizing, Complefert® bluestar guarantees the successful establishment and robust growth of the plant. When used for top fertilizing, at later stages of growth, it boosts flowering, increases fruit-setting, and improves the qualitative characteristics of the crops. Ideal for the basic fertilizing of all crops (arboriculture, viticulture, horticulture) in all types of soil.

Complefert® special 12 - 7 - 18 + 2MgO + TE



Complete NPK fertilizer enriched with Magnesium, Sulphur and Trace elements. Complefert® special has been developed to provide integral quality nutrition, with the all the essential nutrients for the growth and fructification of crops. With its special formula, elemental completeness, excellent raw materials, and high solubility, it is adapted to the nutritional requirements of most types of crops and ensures optimum nutrition at every stage of development. Complefert® special is suitable for all types of soil, particularly poor, leached soils which are deficient in essential and secondary macro and micronutrients. It is a top choice for the basic fertilizing of the entire range of arboriculture, olive trees, citrus fruit trees, kiwis, viticulture, and industrial crops (cotton, sunflower, beets, industrial tomato, etc.).

Complefert® extra 12-10 -20+2MgO+TE



Compound NPK fertilizer with Magnesium and Trace elements for all types of crops. Rich in Potassium and Magnesium, it has been developed to perfectly cover the needs of crops where Potassium is instrumental to the production quantity and quality. Its specially adapted formula and elemental completeness make Complefert® extra the best choice for both the basic and top fertilizing of potassiumphile crops, such as vine, kiwi, tobacco, potato, tomato, asparagus, etc., as well as modern arboriculture and horticulture, when aiming for high yields and quality products. The excellent ratio and the form of the nutrients maximize the effectiveness of fertilizing and ensure the congruent nutrition of crops in all types of soil.

Complefert® magni-plus 14-7-14+4MgO+TE

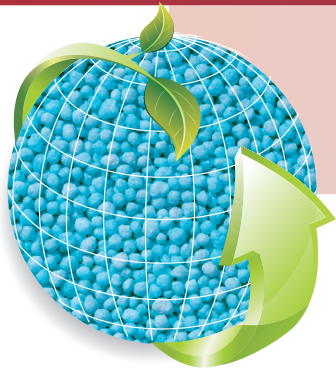


Compound NPK fertilizer enriched with Magnesium and Trace elements for all types of crops. With a 2:1:2 ratio, Magni-plus are adapted to the special requirements of crops with increased needs in Nitrogen, Potassium and Magnesium. Magnesium is instrumental to the robust growth and the high productivity of the crop by participating in photosynthesis and the movement of carbohydrates. In soils where fertilizing rich in Potassium is applied, Magnesium deficiency is the most commonly observed nutritional deficiency, and it reduces both the yields and the quality of the production. The ideal K: Mg ratio in Magni-plus prevents the nutritional problems created by the competition between these two elements and, along with trace elements, establishes the optimal conditions for the balanced nutrition of crops. Complefert® Magni-plus is the best choice for the basic and top fertilizing of fruit trees, vines, annual horticulture (potatoess, tomatoes, green vegetables, etc.), as well as for floricultural plants and lawns.

Complefert® master 15-5-20+2MgO+TE

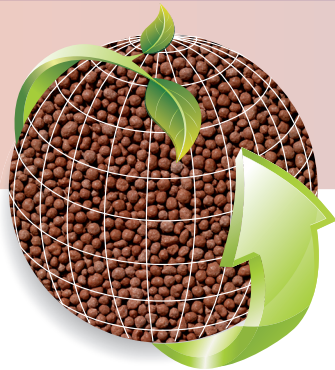


Compound specialized NPK fertilizer with Magnesium and Trace elements. Its high Nitrogen content boosts sprouting and flowering, Phosphorus stimulates the development of new roots and fructification, while Potassium increases the yields and improves the technological and organoleptic features of the production. Complefert®R master can be used in both the basic and top fertilizing of crops due to its high solubility. As a basic fertilizer, it is recommended for all soils that are sufficiently supplied with Phosphorus, particularly crops with high requirements in Potassium, such as arboriculture, vines, and horticulture. As a top fertilizer, it is a top choice for all soils and for all crops which are suited to late top fertilizing. In this case, it is applied after fruit-setting and provides the necessary quantities of Nitrogen and Potassium that are essential for the growth and maturation of the production.



Προϊόντα

	Total Nitrogen (N)	Ammoniac Nitrogen (NH ₄)	Nitrate Nitrogen (NO ₃)	Phosphorus (P ₂ O ₅)	Potassium 100% (Watersoluble) (K ₂ O)	Magnesium (MgO)	Sulphur (S)	Zinc (Zn)	Boron (B)
Complefert® bluestar 12-12-17(+12S)+2MgO+TE	12%	10,4%	1,6%	12%	17%	2%	12%	0,01%	0,02%
Complefert® special 12-8-17 +2MgO+TE	12%	9,4%	2,6%	8%	17%	2%	10%	0,01%	0,02%



Προϊόντα

	Total Nitrogen (N)	Ammoniac Nitrogen (NH ₄)	Nitrate Nitrogen (NO ₃)	Phosphorus (P ₂ O ₅)	Potassium 100% (Watersoluble) (K ₂ O)	Magnesium (MgO)	Sulphur (S)	Zinc (Zn)	Boron (B)
Complefert®t extra 12-10-20 SOP+2MgO+TE	12%	9,4%	2,3%	10%	20%	2%	11%	-	0,02%
Complefert® magni-plus 14-7-14 SOP+4MgO+TE	14%	10,8%	3,2%	7%	14%	4%	10%	0,01%	0,02%
Complefert® master 15-5-20 SOP+2MgO+TE	15%	9,5%	5,5%	5%	20%	2%	8%	0,01%	0,02%

Complefert® magni- bor
20-5-10+2MgO+0,5B



Compound specialized NPK fertilizer with Magnesium and Boron. Its composition is adapted to the particular requirements of borophile crops with increased needs in Nitrogen. It prevents Boron and Magnesium deficiencies that are often observed in the soil and climate conditions of our country and damage the production. The high Nitrogen and Boron content covers the needs of sprouting and flowering, while Potassium and Magnesium directly affect the yields by increasing the production of carbohydrates and lipogenesis. By using Complefert® magni-bor, full fertilizing with all the essential nutrients is achieved and additional sprays with Boron and Magnesium between the leaves of the crop are avoided. Ideal for fertilizing olive trees, fruit trees, beets, sunflowers, and all borophile types of crops.

Complefert® premium
8-12-18+2MgO+TE

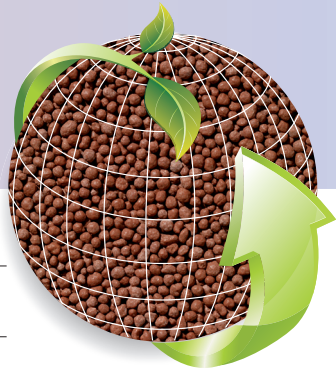


Special complex fertilizer with Magnesium and Trace elements. With a specifically adapted proportion (1:2:3) of macro-nutritious elements, rich in Potassium and Sulphur and with a low Nitrogen content, it has been developed in order to it ensure complete and harmonious nutrition in farming systems where high quality and added value of the produced products is pursued. The studied composition, the special proportion, the high solubility and assimilability of the nutritious elements, render it ideal for the basic fertilization of Eastern type tobaccos and wine vineyards, and for the production of Superior quality wines, where a high Potassium/Nitrogen ratio is required. It corresponds optimally to the basic fertilization needs of both outdoor horticulture (Potato, tomato, watermelon, melon, carrot, cabbage etc) and modern arboriculture (Pomes, Stone fruit). Due to its low conductivity it constitutes an ideal solution for protected and green-house horticultural crops, where Nitrogen is provided almost exclusively via fertigation, in later growth stages. It is suitable for all soil types; it maximizes the effectiveness of fertilization and offers reliable culture nutrition.

Advantages

- Complete in essential and secondary nutrients. They provide integral nutrition to crops.
- Fully absorbable forms and a specialized ratio of nutrients, adapted to the nutritional requirements of crops.
- Optimum utilization of the nutrients by the crop. Minimization of losses.
- High Ammoniac Nitrogen content for an extended nutrition of the crop.
- 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.
- Specially designed to meet the soil and climate conditions of Greece.
- Optimum granulation with compact grains that do not create dust.
- Large width of application and uniform dispersion, leaving no gaps in the field.

Προϊόντα	Total Nitrogen (N)	Ammoniac Nitrogen (NH4)	Nitrate Nitrogen (NO3)	Phosphorus (P2O5)	Potassium 100% (Watersoluble) (K2O)	Magnesium (MgO)	Sulphur (S)	Zinc (Zn)	Boron (B)
Complefert® Magni-bor 20-5-10 SOP+2MgO+0,5B	20%	12,6%	7,4%	5%	10%	2%	8%	-	0,5%
Complefert® premium 8-12-18 +2MgO+TE	8%	8%	-	12%	18%	2%	12%	0,01%	0,02%



Unique Quality
High Solubility
Excellent Granulometry

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



HELLAGROLIP S.A.
34A Pentelis str.
GR 17564 Athens
Tel. (+30) 213 0037 600
www.hellagrolip.com



The fertility power

Complefert®
Top nourishment



The fertility power

www.hellagrolip.com