K-BIO S14

MINERAL COMPOUND FERTILIZERS OBTAINED BY PHYSICAL COMPACTION ALLOWED IN ORGANIC FARMING

The K-BIO LINE is the range of granular fertilizers allowed in organic farming, which have been developed to provide a specific solution to the nutritional requirements of the different crops.
The granular formulation of these products is obtained through compaction, a dry granulation process borrowed from the pharmaceutical industry that uses mechanical compression to agglomerate the particles of the raw materials. This allows for granules to be obtained without adding solvents, which can have a negative impact on the final solubility of the product. The compacted granules rapidly dissolve in the ground allowing a fast nutrients' root uptake, making these fertilizers very efficacious. Low Chlorine Content (LCC/BTC) formulations are also available that couple all the advantages of the NPKs with the quality of Low-Chlorine Potassium (< 2%), which is the best quality of potassium.
K-BIO S14 is granular multi-nutrient mineral fertilizer of the K-BIO LINE with a strong fortifying action, which acts at the cellular level to increase plant resistance. The high potassium content, in synergy with calcium, strengthens plant tissues therefore increasing plant resistance to extreme temperatures and environmental stress, as well as to the main plant physiological disorders. Sulfur, with its strong acidifying action on the rhizosphere, improves nutrient absorption and thus plant development. And finally Magnesium, by enhancing chlorophyll synthesis and photosynthetic activity, increases dry matter and production quality. The particular composition makes K-BIO S14 a product allowed in organic farming.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Citrus (Orange, Tangerine, Lemon, Clementine, Bergamot), Grapes, Small fruits (Currant, Blackberry, Blueberry, Raspberry), Horticultural crops e Fruit crops, Strawberries e Beets	Pre-transplanting/sowing fertilization, Post-transplanting/sowing fertilization	400-800 kg

COMPOSITION	
Potassium oxide (K_2O) total	14.00%
Potassium oxide (K_2O) soluble in water	14.00%
Chlorine (Cl) max	5.00%
Calcium oxide (CaO) total	17.00%
Calcium oxide (CaO) soluble in water	17.00%
Magnesium oxide (MgO) total	6.00%
Magnesium oxide (MgO) soluble in water	6.00%
Sodium oxide (Na_2O) total	4.40%
Sodium oxide (Na_2O) soluble in water	4.40%
Sulfuric anhydride (SO_3) soluble in water	48.00%

PHYSICO-CHEMICAL FEATURES		
GRANULAR		
METHOD OF USE		
	Cover fertilization	Pre-sowing fertilization

PACKAGING: 25 KG - PALLET 1500 KG, BIG BAG 600 KG

The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.