



Fertilizer containing primary and/or secondary nutrients with the addition of micro-nutrients

Actipol MIX U



Guaranteed content: MgO-2.40% | S₀₃-5.00% | B-2.10% | Mo-0.21% EDTA: Cu-2.3% | Mn-3.7% | Zn-2.3% | Fe-2.4%



Characteristics and principle of action:

Actipol MIX U effectively and quickly responds to the real needs of the plants. It is extremely effective also when nutrients intake by the root system of plants is limited (drought, unfavourable pH). It is designed for foliar nutrition of plants and irrigation, and enrich RSM in micronutrients.

- Fully chelated micronutrients
- Immediate intake by plants
- Excellent solubility
- Full dose of micronutrients for plants

Sulphur and its importance:

- determines proper utilization of nitrogen fertilizers and nitrogen transformation in plant,
- enhances immunity to diseases and pests,
- an important building material for protein amino acids,
- participates in the processes of carbohydrates and lipids formation,
- participates in photosynthesis, chlorophyll synthesis and many other structural compounds.

Magnesium and its importance:

- key building component of chlorophyll-plays a key role in the photosynthesis process,
- necessary for the synthesis, transport, and storage of reserve compounds,
- activates the action of many enzymes,
- participates in energy production processes in plants as a connector of the enzyme with the energy carrier (ATP),
- affects ribosomes structure stability,
- regulates the hydration level of biocoloids, hence affects the water management of plants,
- improves plant immunity to diseases.

Actipol MIX U, due to complete composition of chelated micronutrients, comprehensively supplies the plant, which has a direct impact on the growth and development of the plant and then on the yield.

Actipol MIX U is particularly effective during periods of greatest demand for macro- and micronutrients, and also during stress periods.

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Dose:

Crops	Dose [kg/m ³ RSM]	Working solution volume [l/ha]
Cereals	0.9-1.0	150-200
Rapeseed		250-300
Corn		
Sugar beet		
Potato		
Grass in field cultivation and grassland		

Application Instructions:

Fertiliser designed to enrich RSM in micronutrients. Fertilizer designed for extra root nutrition by spraying or sprinkler irrigation systems. Actipol MIX U may be used as a solution or with the addition of urea, magnesium sulphate monohydrate, as well as with suitable pesticides (at lower dose recommended by the manufacturer).

Preparation of working solution:

Continuous mixing, in a sprayer tank filled halfway with water, dissolve urea, magnesium sulphate monohydrate, Actipol MIX U, other foliar fertilizer and pesticide. Ready solution should be used within few hours from its preparation.

Actipol range also includes:

Actipol-a range of crystalline, easily assimilable single-ingredient fertilizers for extra-root nutrition and irrigation:

- Actipol EDTA Zn-15
- Actipol EDTA Cu-15
- Actipol EDTA Fe-13
- Actipol DTPA Fe-15
- Actipol EDTA Mn-13
- Actipol DTPA Mn-10
- Actipol EDTA Co-13

Arkop

We build our experience in the fertilizer industry since 1992. Our goal is to manufacture fertilizers making it possible to derive the very best nature has to offer... For this reason, we offer you a wide range of products based on the latest biotechnology solutions, in particular high-grade chelates (chelate degree certified by PCBC).

Long-term cooperation with scientific institutions and universities resulted in the proven and effective product range. We constantly monitor the production process and respond to any changes and suggestions, we continuously expand our offer and adapt it to individual customers' needs.

Arkop quickly became synonymous to high quality we have obtained not only through cooperation with universities and scientific institutions, but also by introducing innovative technological solutions based on our in-house research and experience. Therefore, all our products meet quality and ecology standards adopted in the European Union. We use and continuously develop an integrated quality and food safety management system **ISO 22000 (HACCP)** and **ISO 9001**. As evidence of compliance with the most stringent requirements in this field, we have obtained the certificate of integrated management system - **Quality and Food Safety - HACCP - PN-EN ISO 9001 and PN-EN ISO 22000 - Certificate No. JH-178/2/2010**. We also have a certificate of European quality system for feed additives and premixes **FAMI-QS**. Currently, we are working with customers from all over the world.

EC FERTILIZER



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We enhance nature

