

We enhance nature



Passion. Experience. Results.

Our experience in fertilizer branch has been building since 1992. We produce fertilizers with a focus on extracting the best from nature. For this reason, in our offers you will find a wide range of products based on the latest developments of biotechnology, in particular high quality chelates.

Fertilizers



Active plant nutrition

Providing sufficient quantities of individual nutrients is a requirement for receiving rich yields of high quality, suitable both for direct sale as well as processing or storage. There are negative factors with the option of drawing the necessary nutritive compounds by the root system, such as soil sterilization,

improper soil pH, imbalance (antagonisms) between the elements that occur in it, as well as external factors such as frost, drought or excessive moisture. The perfect solution is, therefore, the use of foliar fertilizers, which allow plants to deliver a precise dose of micro or macro components in periods of greatest demand, as well as during the period when shortages require correction. This method is extremely economical – it provides a much higher degree of utilization of minerals by plants than soil fertilizing.

We offer a wide range of foliar fertilizers which are extremely versatile, as well as those dedicated to particular types of crops that allow minimization of nutrient shortages in plants. In particular, we recommend **magnesium sulphate monohydrate** – a recognized and valued fertilizer, blending in with the classics of fertilization. Plant nutrient magnesium sulphate monohydrate is the best way to supply plants with magnesium and sulphur – nutrients necessary for proper growth, yield and technological quality.

We also recommend a new generation of fertilizers, manufactured with the use of biotechnology, such as chelates or nutritional formulas containing chelates (which are minerals given in the organic form). **Using innovative methods of production allows our chelates to quickly and effectively respond to real needs of plants.**

Why chelates?

Efficiency and ecology – Chelates are compounds of crucial importance for agriculture. Suitable organic compounds combine them with a metal ion. This construction guarantees faster penetration through cell membranes of plants and immediate, almost complete assimilation of nutrients, much better than standard specimens. Thanks to this, the provided ingredients do not go into the soil and groundwater and do not cause environmental pollution.

Reliability – The absorption of minerals from the soil may be limited by their low chemical stability. Innovative technology made it possible to obtain stable compounds in a wide range of pH, resistant to external factors, well absorbed by the plants and able to maintain their effectiveness in times of difficulty in absorbing nutrients by the root system. Our chelates can be used any time to fill shortages of minerals in an interventional way (e.g. chelates like **Actipol** based on EDTA, DTPA, EDDHA and EDDHSA).

Performance and convenience – The application of products that contain chelated minerals, assures much higher levels of component usage. It also allows the reduction in the amount of the application in relation to traditional products. A unique, balanced composition works in different areas and provides the appropriate dose of minerals to crops using only one product (**ActiPlon, ActiMag**).

Quality and innovation – We create our own fertilizer recipes using components of the best quality and also constantly monitor the process of production. We react to any changes and suggestions, continuously improving our products so that they can live up to the highest standards.

We especially recommend our following product lines:

- Magnesium sulphate monohydrate and other sulphates (one component fertilizer salts)
- One component chelates **Actipol** and **L-Actipol**
- Magnesium fertilizers with chelated minerals **ActiMag**
- Magnesium-nitrogen fertilizers with chelated minerals **ActiPlon**
- Boric fertilizers: **ActiBor**, **Super ActiBor – 21**, **Bor-Cynk Activ**,
- Calcic fertilizers: **ActiCal**
- specialized orchard fertilizers
- **Siarkomag**

Our fertilizers effectively respond to the diverse needs of plants:

For properly balanced plant nutrition – we recommend:

- magnesium sulphate monohydrate,
- **ActiMag** – Grains, Corn, Potatoes, Rape, Beetroots, Orchards, Universal
- **ActiPlon** – Grains, Corn, Potatoes, Rape, Beetroots, Orchards, Universal
- Special orchard fertilizers (**Activ Start Sady**, **Activ Pro Wigor Sady**)

For treatment and prevention of deficiencies – we recommend:

- iron deficiency: **Actipol EDTA – Fe 13**, **DTPA – Fe 15**, **EDDHA – Fe 6**, **EDDHSA – Fe 6**,
L-Actipol DTPA – Fe 6
- manganese deficiency: **Actipol EDTA – Mn 13**, **DTPA – Mn 10**, **L-Actipol EDTA – Mn 6**
- copper deficiency: **Actipol EDTA – Cu 15**, **L-Actipol EDTA – Cu 6**, **L-Actipol EDTA – Cu 3**
- zinc deficiency: **Actipol EDTA – Zn 15**, **L-Actipol EDTA – Zn 6**, **L-Actipol EDTA – Zn 3**
- cobalt deficiency: **Actipol EDTA – Co 13**, **L-Actipol EDTA – Co 4**
- calcium deficiency: **Actipol EDTA – Ca 10**
- magnesium deficiency: **Actipol EDTA – Mg 6**
- molybdenum deficiency: **L-Actipol EDTA – Mo 6**
- nickel deficiency: **Actipol EDTA – Ni 14**

For design and stimulation properties of the plant, preventing stress – we recommend:

- **ActiBor**, **Super ActiBor – 21**, **Bor-Cynk Activ**, **Borax**
- **ActiCal**
- **Activ Owoc**, **Activ Cynkowo-Manganowy**
- **Siarkomag**
- **Sulphates of:** zinc monohydrate, copper monohydrate, manganese monohydrate, magnesium sulphate – solution



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Many years of cooperation with scientific institutions and universities have resulted in proven and effective products. We constantly monitor the production process and respond to any changes and suggestions, continually improving our products and adapting them to individual customer needs.

The brand Arkop rapidly became synonymous with high quality which we have obtained not only through collaboration with universities and research centres, but also by introducing innovative technology solutions based on our own studies and experience. Therefore all our products meet the high standards of quality and ecology adopted in the European Union. Currently we are working with many worldwide customers.

We are constantly improving the quality of both our products and cooperation with customers. We strive to meet the needs of most demanding customers and provide the highest European standards in relationships with them. We are a member of the Association of Polish Exporters. We use and continually develop the integrated system of quality management and food safety ISO 22000 (HACCP) and ISO 9001. As evidence of compliance with the strictest requirements in this area, we obtained the certificate of an integrated management system – HACCP – PN-EN ISO 9001:2009 and ISO 22000-2006. We also earned the European system of quality certificate for feed additives and premixes FAMI-QS.

Currently we cooperate with customers from all over the world.

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