



**G2D Nodens  
Technology™**

It is a unique, multi-stage technology involving the pulverisation of raw materials down to a few dozen microns (grind to dust), separation of active particles, mixing and aggregation. Each obtained granule features an intelligent disintegration activation system so that the product is characterised by the highest performance – complete solubility and gradual release of nutrients. Our technology provides almost double the power of the fertiliser!



**Product  
characteristics**

**MINERAL FERTILISER (PFC1 (C) (I) (a) (i))**

K (Ca, Mg, Na, S) SIMPLE SOLID INORGANIC  
MACROCOMPONENT FERTILISER 5.5(+15+21+1.8+22)

**Contents:** 5.5% K<sub>2</sub>O, 15% CaO, 21% MgO, 1.8% Na<sub>2</sub>O, 22% SO<sub>3</sub>

**Ingredients:** CMC1: primary raw materials and mixtures:  
polyhalite, magnesium carbonate, calcium carbonate

**Granulometry:** 91% of the product is in the form of granules  
measuring 2-5 mm

**Substance pH:** 8.5

**Precautions:** use eye and face protection. In case of getting  
into the eyes, carefully rinse with water for several minutes.  
Keep away from children!

**Storage:** store away from sunlight, in a dry and well-ventilated  
room. In winter, protect against freezing and additionally cover  
with fleece.

# GoudenKorrel®

*Compound fertiliser manufacturer*

The company **GoudenKorrel®** as a pioneer in the market of granulated fertilizers, offers top-quality products manufactured through the latest scientific and technological achievements. We produce fertilizers based on polyhalite – a unique mineral containing high concentrations of sulfur, potassium, magnesium, calcium, and sodium. Through collaboration between our outstanding scientists and experts from various fields, we continuously discover new properties of this unique raw material to fully exploit its potential.

**www.GoudenKorrel.eu**



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GoudenKorrel S.A.**

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# POLISULMAG®

## POLYHALITE MINERAL FERTILIZER



**GoudenKorrel®**

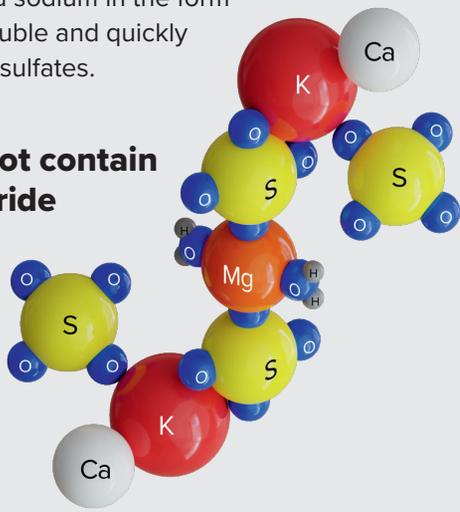
**PoliSulMag® is a granulated mineral fertilizer that contains magnesium and sulfur, enriched with potassium and microelements.**

This fertilizer is intended for use on all types of soils, particularly recommended for soils with low magnesium content. **PoliSulMag®** supports plant physiological processes, influences the regulation of photosynthesis by intensifying it, has a positive effect on the transport and accumulation of phosphorus in seeds, and stimulates the development of the root system. It is an essential supplement of micro and macroelements required for proper plant growth and improved crop quality. The balanced combination of sulfur and magnesium in **PoliSulMag®**, as a complement to nitrogen fertilization, allows for the effective utilization of this nutrient by cultivated plants. The high solubility of **PoliSulMag®**, combined with an extended release period of nutrients from Polyhalite, ensures the even delivery of nutrients tailored to the nutritional requirements.

|                               |                   |                   |                                |                              |
|-------------------------------|-------------------|-------------------|--------------------------------|------------------------------|
| <b>K<sub>2</sub>O</b><br>5,5% | <b>CaO</b><br>15% | <b>MgO</b><br>21% | <b>Na<sub>2</sub>O</b><br>1,8% | <b>SO<sub>3</sub></b><br>22% |
|-------------------------------|-------------------|-------------------|--------------------------------|------------------------------|

**Polyhalite** is a natural mineral containing high concentrations of potassium, sulfur, magnesium, calcium, and sodium in the form of easily soluble and quickly absorbable sulfates.

**It does not contain any chloride bonds!**



## 6 reasons to choose

### POLISULMAG®



**High magnesium and sulfur ratio with added potassium, calcium and sodium**



**Minimum content of toxic chlorides**



**High solubility and extended plant availability**



**No effect of soil salinity**



**To be used before seeding and top dressing, in agricultural, vegetable and horticultural crops**



**Patented formulation**



### Application and application rate

The fertilizer for pre-sowing and post-sowing application; mixing into the soil recommended. For the selection of an appropriate dose, it is necessary to take into account the target yield, soil type and its physical and chemical characteristics. The below application rate table is indicative.



#### AGRICULTURAL CROPS



#### VEGETABLES & FRUITS

| Plant               | Fertiliser application rate (kg·ha <sup>-1</sup> ) | Plant                | Fertiliser application rate (kg·ha <sup>-1</sup> ) |
|---------------------|--|----------------------|--|
| Buckwheat           | 250  | Apple                | 300  |
| Cereal mixtures     | 250  | Banana               | 350  |
| Coffee              | 250  | Beans (dry)          | 250  |
| Cotton lint         | 200  | Beetroot             | 250  |
| Cucumber            | 200  | Broccoli             | 350-500  |
| Fiber flax          | 300  | Brussels sprouts     | 400  |
| Fodder              | 450  | Cabbage              | 350-500  |
| Grassland (meadow)  | 200  | Carrots              | 250  |
| Hops                | 50-500   | Cassava              | 250  |
| Jerusalem artichoke | 250-350  | Cauliflower          | 350-500  |
| Maize               | 300-500  | Chinese cabbage      | 350-500  |
| Millet              | 200-300  | Citrus fruit         | 300  |
| Oats                | 200  | Climbing beans       | 250  |
| Peas                | 250-350  | Cocoa Beans (dry)    | 250  |
| Potato              | 250-350  | Dwarf beans          | 250  |
| Rape                | 350-500  | Eggplant             | 300  |
| Rice                | 200  | Garlic               | 350-500  |
| Rye                 | 200  | Green peas           | 250  |
| Sorghum             | 250-300  | Groundnuts (peanuts) | 250  |
| Soya                | 250-350  | Horseradish          | 350-500  |
| Soybean             | 250-350  | Kale                 | 350-500  |
| Spring barley       | 250  | Kohlrabi             | 350-500  |
| Spring wheat        | 200-300  | Leek                 | 250-450  |
| Sugar beet          | 350-500  | Mango                | 250  |
| Sugar cane          | 400-500  | Melon                | 250  |
| Sunflower           | 200-250  | Onions               | 350-500  |
| Sweet potatoes      | 250  | Palm oil             | 500  |
| Tabacco             | 450  | Peas                 | 250  |
| Tea                 | 150  | Peppers              | 250  |
| Triticale           | 250  | Plantains            | 250  |
| Winter barley       | 250  | Radishes             | 350-500  |
| Winter wheat        | 200-300  | Red cabbage          | 350-500  |
|                     |  | Savoy cabbage        | 350-500  |
|                     |  | Sesame seed          | 200  |
|                     |  | Small radishes       | 350-500  |
|                     |  | Turnip               | 350-500  |
|                     |  | Vine                 | 400  |
|                     |  | Watermelon           | 250  |
|                     |  | White cabbage        | 350-500  |