



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!



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

K (Ca, Mg, Na, S) SIMPLE SOLID INORGANIC

MACROCOMPONENT FERTILISER 30(+15+3+5.5+22)

Contents: 30% K₂O, 15% CaO, 3% MgO, 5.5% Na₂O, 22% SO₃

Ingredients: CMC1: primary raw materials and mixtures: crude potassium salt, crude enriched potassium salt limestone flour

Granulometry: 98% of the product is in the form of granules measuring 2-8 mm

substance pH: 7.6

Precautions: wear eye and face protection. If it gets into the eyes, rinse carefully with water for a few minutes. If it gets into the mouth, contact a doctor immediately!

Storage: Store away from sunlight, in a dry and well-ventilated room.



GoudenKorrel®

Compound fertiliser manufacturer

GoudenKorrel® is a conceptual line of compound fertilisers. The project is the result of an extensive network of cooperation of British, German, Dutch and Polish scientists, agronomists, technologists, farmers and miners. Our common goal is to maximise the beneficial power of **polyhalite** – a natural mineral containing high concentrations of sulphur, potassium, magnesium, calcium and sodium.

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VERVECTOR®

MINERAL FERTILISER



GoudenKorrel®

Vervactor® is a modern granular mineral fertiliser from the GoudenKorrel® line.

The high proportion of potassium in combination with sulphur and calcium, as well as with magnesium and sodium, means that the fertiliser has a broad spectrum of coverage of the plants' nutritional needs. As a result, Vervactor® accelerates plant growth and improves the quality of the forming tissues, while the stimulated root system enhances nutrient transport capacity.

Vervactor® activates the processes of plant photosynthesis, synthesis of carbohydrates, fats and proteins, and supports the thermal resistance of plants. Thanks to the potassium contained in the fertiliser, the plants accumulate provitamin A and vitamins B1 and C, and the quality of the accumulated sugars also improves. In turn, the contribution of sulphur activates the detoxification of heavy metals and xenobiotics. **Vervactor®** is a versatile solution that combines high activity with safety for crops.

K₂O
30%

CaO
15%

MgO
3%

Na₂O
5.5%

SO₃
22%

VERVACTOR®

- source of easily absorbable, fully soluble potassium in the sulphate-chloride form
- a broad spectrum of coverage of the need
- for plant nutrients, a balanced proportion of sulphur and calcium with the addition of magnesium and sodium
- gradual release of nutrients and prolonged availability to plants
- granulate for pre-sowing and top dressing application, excellent spreading ability
- full solubility, no salination or acidification effect on the soil
- for agricultural and vegetable crops
- G2D Technology™ – a multi-stage technology for spraying, separation, mixing and aggregation of active particles (along with an activator of their decomposition) so that the product has the highest performance parameters and allows significant savings in fertilisation.



Application and application rate

The fertiliser 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

Plant	Fertiliser application rate (kg·ha ⁻¹)
Sugar beet	200-400
Hops	300-600
Peas	150-200
Buckwheat	200-250
Spring barley	150-250
Winter barley	150-250
Clover (green fodder)	200-300
Clover with grasses	200-300
Maize	200-300
Lucerne (green fodder)	200-400
Lucerne with grasses	200-300
Cereal mixtures	200-250
Oats	150-250
Winter wheat	200-250
Spring wheat	200-250
Triticale	150-250
Rape	300-500
Sunflower	200-400
Soy	200-450
Jerusalem artichoke	200-350
Grassland (meadow)	200-300
Potatoes	200-250
Rye	150-250



VEGETABLES

Plant	Fertiliser application rate (kg·ha ⁻¹)
Broccoli	250-450
Beetroot	250-400
Onions	200-450
Horseradish	350-550
Garlic	150-200
Dwarf beans	150-300
Climbing beans	150-300
Green peas	100-200
kale	350-500
Kohlrabi	400-600
Cauliflower	350-600
Brussels sprouts	300-500
White cabbage	400-700
Red cabbage	450-650
Savoy cabbage	350-500
Chinese cabbage	400-600
Sweetcorn	150-300
Carrots	150-400
cucumbers	150-300
Peppers	200-400
Tomatoes	200-500
Leek	300-600
Turnip	500-600
Radishes	250-450
Small radishes	250-450