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 30(+15+3+5.5+22)

Contents: 30% K_2O, 15% CaO, 3% MgO, 5.5% Na_2O, 22% SO_3

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 2-5 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.

0°C–30 | 2 | SHELF LIFE 2 YEARS | CE 1434

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.

www.GoudenKorrel.eu

www | facebook

CONTACT US

+48 607 777 111
contact@goudenkorrel.com

Manufacturer:
GoudenKorrel S.A.
Compound Fertilizers Production Plant
Kaliska, Fabryczna Street, 5
87-840 Lubień Kujawski, Poland

VERVACTOR®

MINERAL FERTILISER

GoudenKorrel®

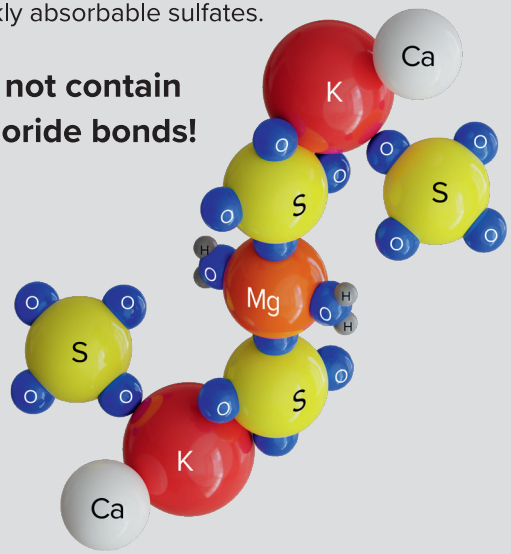
Vervactor® is a modern granular mineral fertiliser from the GoudenKorrel® line.

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.

K_2O	CaO	MgO	Na_2O	SO_3
30%	15%	3%	5.5%	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**

VERVACTOR®

High proportion of potassium in combination with sulfur and calcium with magnesium and sodium

Reduced content of toxic chlorides – only 16.5% (potassium salt 46%)

For use before sowing and top dressing, on agricultural and vegetable crops

High solubility and extended availability to plants

No effect of salinity and acidification of the soil

Patented formulation

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 ($kg \cdot ha^{-1}$)
Buckwheat	200-300
Cereal mixtures	250-450
Coffe	350
Cotton lint	200
Fiber flax	300-400
Fodder	450
Grassland (meadow)	200-300
Hops	300-500
Jerusalem artichoke	300-400
Maize	300-500
Millet	200-300
Oats	250-450
Peas	200
Potato	200
Rape	400-500
Rice	150
Rye	200
Sorghum	200-250
Soya	400-550
Soybean	400-550
Spring barley	250-450
Spring wheat	250-450
Sugar beet	300-500
Sugar cane	450-550
Sunflower	300-500
Sweet potatos	250-300
Tabacco	450
Tea	200
Triticale	250-450
Winter barley	250-450
Winter wheat	250-450

VEGETABLES & FRUITS

Plant	Fertiliser application rate ($kg \cdot ha^{-1}$)
Apple	350
Banana	350
Beans (dry)	200
Beetroot	300-500
Broccoli	300-500
Brussels sprouts	300-400
Cabbage	400-600
Carrots	250-400
Cassava	200
Cauliflower	400-600
Chinese cabbage	400-600
Citrus fruit	250
Climbing beans	250-400
Cocoa Beans (dry)	250
Cucumber	250-350
Dwarf beans	200
Eggplant	300
Garlic	250
Green peas	200
Groundnuts (peanuts)	250
Horseradish	400-600
Kale	400-600
Kohlrabi	400-600
Leek	400-600
Mango	250
Melon	250
Onions	300-500
Palm oil	600
Peas	150
Peppers	250-450
Plantains	250
Radishes	300-500
Red cabbage	450-650
Savoy cabbage	400-600
Sesame seed	150
Small radishes	300-500
Turnip	500-600
Vine	400
Watermelon	250
White cabbage	500-700