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 12(+19+5.5+6.5+42)

Contents: 12% K_2O, 19% CaO, 5.5% MgO, 6.5% Na_2O, 42% SO_3

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

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

substance pH: 7.7

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!

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

0°C +30 | 2 | SHELF LIFE 2 YEARS | EKO | 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

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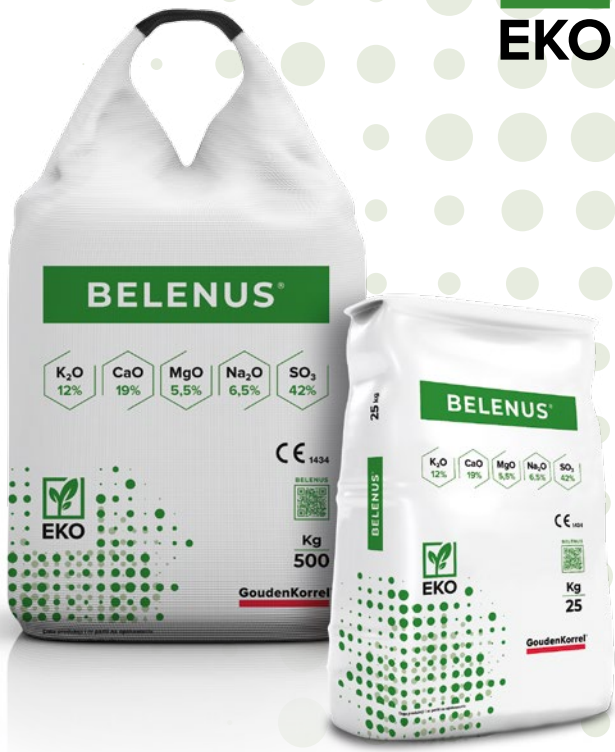
BELENUS®

ECOLOGICAL MINERAL FERTILISER

EKO



GoudenKorrel®

Belenus® is a natural mineral fertiliser and the optimal response to the problem of sulphur deficiency in the soil.

The fertiliser is intended for use on all soil types, including especially light soils prone to leaching. The high proportion of sulphur with the addition of potassium, calcium, magnesium and sodium comprehensively improves the welfare of the plant. The application of **Belenus®** fertiliser increases the quantity and quality of the crop by stimulating vegetative growth of the plants, boosting chlorophyll content, activating enzymes and the photosynthetic process. At the same time, **Belenus®** provides a real shield to protect plants from the effects of heavy metals and xenobiotics. **Belenus®** is particularly recommended for oilseeds, including rape, soya and sunflower, as well as for maize, cereals, vegetables and sugar beet.

K_2O	CaO	MgO	Na_2O	SO_3
12%	19%	5.5%	6.5%	42%

BELENUS®

EKO

- high proportion of beneficial sulphur to improve plant growth conditions
- an irreplaceable and unique source of organic potassium! Fertiliser for use in organic crops
- gradual release of nutrients and prolonged availability
- granulate for pre-sowing and top dressing application, excellent spreading ability
- full solubility, no salination or acidification effect on the soil
- increases the efficiency of fertiliser and soil nitrogen
- supports the detoxification of heavy metals and xenobiotics
- 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 ($kg \cdot ha^{-1}$)
Sugar beet	**150-250**
Hops	250-350
Peas	150-200
Buckwheat	150
Spring barley	150
Winter barley	150
Clover with grasses	150
Clover (green fodder)	**150-250**
Maize	**150-250**
Lucerne (green fodder)	150-250
Lucerne with grasses	150
Cereal mixtures	150
Oats	150
Spring wheat	150-180
Winter wheat	**150-180**
Triticale	150
Rape	**200-300**
Sunflower	150-200
Soya	**150-250**
Jerusalem artichoke	150-200
Grassland (meadow)	150-200
Potato	**100-150**
Rye	**150**

VEGETABLES

Plant	Fertiliser application rate ($kg \cdot ha^{-1}$)
Broccoli	**250-300**
Beetroot	150
Onions	**250-300**
Horseradish	250-300
Garlic	**250-300**
Dwarf beans	150
Climbing beans	150
Green peas	**150**
Kale	250-300
Kohlrabi	250-300
Cauliflower	**250-300**
Brussels sprouts	250-300
White cabbage	**250-300**
Red cabbage	250-300
Savoy cabbage	250-300
Chinese cabbage	250-300
Carrots	150
Peppers	150
Leek	**200-300**
Turnip	**250-300**
Small radishes	250-300
Radishes	250-300