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# Polski CukroVit PK 10-32

## compound granular EC FERTILIZER

**TYPE:** PK fertilizer (Mg, S) 10 : 32 (2 : 5) with boron (B), contains soft phosphate

### Ingredients, % (m/m):

- phosphorus pentoxide ( $P_2O_5$ )
  - soluble in mineral acids – 10,0%
  - soluble in neutral ammonium citrate and water – 6,0%
  - soluble in water – 4,0%
- potassium oxide ( $K_2O$ ) soluble in water – 32,0%
- total magnesium oxide ( $MgO$ ) – 2,0%
- total sulphur trioxide ( $SO_3$ ) – min. 5,0%
- total boron (B) – 0,2%

## APPLICATION AND PROPERTIES

**Polish CukroVit PK 10-32** is a universal fertilizer containing perfectly balanced nutrients. Because of the relation of phosphorus to potassium and the content of boron it is particularly recommended for application in the cultivation of sugar beet and oilseed rape. This fertilizer can be successfully used also in the cultivation of potatoes, maize and grain legumes. In the first place it should be used on soils with low content of available potassium and boron.

**Polish CukroVit PK 10-32** is produced in the form of granules. The shape and durability of granules enables even spreading of the fertilizer, prevents dusting and causes a gradual and steady release of nutrients. The technology of production ensures the presence of all the declared ingredients in each fertilizer granule. **Polish CukroVit PK 10-32** in addition to the basic nutrients in its composition also contains sulphur required for a proper growth and development of plants. Some plants, among others, sugar beet and oilseed rape have increased nutritional needs with respect to boron (B).

A characteristic feature of **Polish CukroVit PK 10-32** is a high content of this element, which has a beneficial effect on the size and quality of the yield of arable crops. The presence of boron (B) in the composition of the fertilizer positively influences plants, especially in the early stages of development. In the case of sugar beet roots this element reduces or completely eliminates the risk of heart leaf blight. The composition of this fertilizer also includes a set of micronutrients introduced with raw materials in the production process. A properly balanced composition of nutrients of **Polish CukroVit PK 10-32** provides a high and good quality yield of cultivated crops.

## RULES OF USE

**Polish CukroVit PK 10-32** is a typical pre-sowing fertilizer. After spreading it should be mixed with the soil to a depth of 10-15 cm. Potassium is the main ingredient of this fertilizer and, therefore, dosing should depend on the nutritional needs of plants with respect to potassium while taking into consideration the content of this ingredient in the soil. The fertilizer can also be used as top dressing in accordance with the principles of rational fertilization.

## FERTILIZER DOSAGE

Fertilized plant	Yield (t/ha)	Fertilizer dosage kg/ha
Sugar beet (on manure)	40.0	400
Sugar beet (without manure)	40.0	650
Winter oilseed rape	3.0	350
Spring oilseed rape	2.5	350
Maize for grain	7.0	350
Maize for fodder	50.0	350
Potato (on manure)	35.0	300
Potato (without manure)	35.0	650
Grain legumes for seeds	3.0	300

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