



YOUR
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SUPROFOS® for Cereals

compound granular EC FERTILIZER

TYPE: NPK (S) 4 : 12 : 22 (14) containing soft phosphate

Ingredients, % (m/m):

- total nitrogen (N) in the form of ammonium – 4.0%
- phosphorus pentoxide (P_2O_5)
 - soluble in mineral acids – 12.0%
 - soluble in neutral ammonium citrate and water – 6.0%
 - soluble in water – 5.0%
- potassium oxide (K_2O) soluble in water – 22.0%
- total sulphur trioxide (SO_3) – min. 14.0%
- sulphur trioxide (SO_3) soluble in water – min. 7.5%

APPLICATION AND PROPERTIES

SUPROFOS for cereals is a comprehensive perfectly-balanced fertilizer intended primarily for use to winter and spring crops. Universal properties of this fertilizer cause that it can also be used for other crops, it is very well suited for fertilization of maize, oilseed rape and root crops (potatoes, beetroots, etc.). A well balanced nutritional composition of this fertilizer ensures a high and good quality yield of the cultivated plants.

SUPROFOS for cereals is produced in a granular form, which has a positive effect on uniform sowing, prevents dusting and causes a gradual and steady release of nutrients from the fertilizer. The technology of production ensures the presence of all the declared ingredients in each fertilizer granule. **SUPROFOS for cereals** contains in its composition also sulphur whose more and more frequent deficiency in the soil may be a factor limiting plant yielding. The composition of this fertilizer also includes a set of micronutrients introduced in the production process with raw materials.

RULES OF USE

The best results are obtained using **SUPROFOS fertilizer for cereals** before sowing by mixing it with the soil to a depth of 5–15 cm. It is suitable for all soils regardless of their compactness. Potassium is the main ingredient of this fertilizer and, therefore, dosing should depend on the plant nutritional needs with respect to potassium while taking into consideration the expected yield and content of this ingredient in the soil. The fertilizer can also be used for top dressing in spring at the beginning of vegetation, for winter crops or perennial crops – according to the principles of rational fertilization.

FERTILIZER DOSAGE

Fertilized plant	expected yield (t/ha)	Fertilizer dosage kg/ha
Winter cereals	4.5	350
Spring cereals	4.0	350
Winter oilseed rape	3.5	400–500
Spring oilseed rape	2.5	300–400
Sugar beet (on manure)	40.0	500
Fodder beetroot (on manure)	50.0	500
Early potato (on manure)	20.0	350
Late potato (on manure)	35.0	400
Grain legumes for seeds	3.5	350
Maize for seeds	7.0	400
Maize for fodder	50.0	400