



**PRODUCT INFO
& DATASHEET**

POTMAG® 30/10/17 GRANULAR

*Sulphate of potash containing magnesium salt with S.
For Chloride and salt sensitive crops
- E.C. fertiliser -*

updated 12/2023

1/ PRODUCT INFO

Declared nutrient contents by mass

PFC 1(C)(I)(a)(i)

Mineral fertiliser K₂O (MgO, SO₃) 30 (10+44)

30 %	K ₂ O	water soluble potassium oxide	(= 24.9 % K)
10 %	MgO	water soluble magnesium oxide	(= 6 % Mg)
44 %	SO ₃	water soluble sulphur trioxide	(= 17.6 % S)

Particle size

Granules 95 % of the product passes through sieve of 5 mm

Ingredients

Potassium sulphate (K₂SO₄), CAS-No. 7778-80-5

Magnesium sulphate monohydrate (MgSO₄•H₂O), CAS-No. 14168-73-1

All ingredients are classed as "virgin material substances and mixtures" (CMC 1).

2/ STORAGE & RECOMMENDED STORAGE CONDITIONS

Store cool (< 30 °C) and dry.

Cover product heaps with plastic sheet.

Keep in dry place and protect from moisture. A bituminous coating is recommended for the floor and walls of bulk stores. Metal surfaces should receive a corrosion resistant coating. Wooden walls and roof trusses are ideal. It is recommended that bulk-stored product be covered with plastic sheeting where high atmospheric humidity is a problem.

3/ APPLICATION

* POTMAG 30/10/17 GRANULAR is a highly concentrated fertiliser containing the 3 nutrients potassium, magnesium and sulphur, all in the sulphate form, in an ideal ratio.

All 3 nutrients are readily water soluble and immediately available to plants.

* POTMAG 30/10/17 GRANULAR has a low salt index and is virtually chloride-free (max. 3%).

It is thus an ideal K, Mg and S source for chloride and salt-sensitive crops such as fruits, vegetables, grape-vines, hops, potatoes, sunflowers and forest trees.

* POTMAG 30/10/17 GRANULAR is effective on all soil types, irrespective of pH.

* POTMAG 30/10/17 GRANULAR is cleared for use in organic farming systems as potassium, magnesium and sulphur are derived from naturally occurring salt deposits.

* POTMAG 30/10/17 GRANULAR contains potassium, magnesium and sulphur in an ideally balanced ratio for plant growth and development. This is of particular importance in crops with a specific demand for sulphur (oil crops, cabbage, onion, leek) or magnesium (potatoes, legumes).

* POTMAG 30/10/17 GRANULAR is the ideal potassium and magnesium source for chloride or salt sensitive crops such as tobacco, potato, fruits, vegetables, grapes, hops and ornamentals.

* POTMAG 30/10/17 GRANULAR is a well-established potassium and magnesium fertiliser in nurseries and forestry.

* POTMAG 30/10/17 GRANULAR is a granulated product with excellent spreading characteristics, also suitable for bulk blending.

Usage instruction & fertilisation advice

Instruction of use : for professional use only !		
Culture	Condition	Application volume
Potato	medium yield	500-900 kg/ha
Potato	high yield	600-1200 kg/ha
Fruits	medium yield	400-500 kg/ha
Fruits	high yield	500-600 kg/ha

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Vegetables	medium yield	600-800 kg/ha
Vegetables	high yield	800-1200 kg/ha
Cabbage & carrots	/	800-1200 kg/ha
Berries	/	600-800 kg/ha
Flower bulbs	/	500-1000 kg/ha
General recommendations based on normal soil nutrient status and average crop nutrient requirements. Recommended for soil application. Low chloride and suitable for all crops.		

At what time to apply POTMAG?

- * POTMAG may be applied up to just before sowing or planting, because of the low salt index, even in draught periods.
- * It is recommended to apply POTMAG in light soils especially in spring time.
- * When a Kali (potassium) deficiency has been observed, one may apply POTMAG as Kali (potassium) fertilisation (because low chloride fertiliser) also during the growth period of the crop on condition sufficient soil humidity is present.

For what crops?

- * For Kali (potassium) fertilisation of all chloride-sensitive crops (see table 1) POTMAG is the ideal fertiliser.

Table 1: Chloride-sensitive crops:

- | | |
|----------------|---------------------|
| - peas | - berries |
| - raspberries | - cherries |
| - strawberries | - ornamental plants |
| - conifers | - beans |
| - blackberries | - flowers |

- * For limited chloride-sensitive crops with relatively high risk for salt damage (see table 2), POTMAG is to be used, certainly on the lighter soil types, to provide Kali (potassium).

Table 2: Limited chloride-sensitive crops with relatively high risk for salt damage

- | | |
|---------------------------------|----------------|
| - factory potatoes | - flower bulbs |
| - tree nurseries | - onions |
| - seed and consumption potatoes | - fruit trees |
| - nearly all vegetables | |
| - flax | |

- * In fruit and vegetable cultures, next to the fact that many vegetable crops are chloride-sensitive, POTMAG is required to reach the highest quality.
- * In potato cultures, POTMAG assures less blue-sensitiveness and better conservation during storage. Consumption potatoes fertilised with POTMAG taste better. In cultures of factory potatoes, fertilisation with POTMAG instead of chloride-holding Kali, increases the starch yield and the underwaterweight - thus the payable weight - is improved.

4/ INFORMATION ON SAFETY AND ENVIRONMENT

The product has been classified according to Regulation (EC) No. 1272/2008. See safety data sheet.

The product is not a hazardous substance according to Regulation (EC) No. 1272/2008.

To avoid risks to human health and the environment, please comply with the recommended use instructions of this fertilizing product. Observe your local legal requirements !



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POTMAG MEANS YOU YIELD BETTER QUALITY

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