



**PRODUCT INFO
& DATASHEET**

POTMAG® 30/10/18 Granular blended Sulphate of potash

*Containing Magnesium Salt with S - 30% K₂O+ 10% MgO+ 18% S (low chlor)
- E.C. fertiliser -*

1/ CHEMICAL ANALYSIS

Calculated extra values:	30%	K ₂ O,	water soluble potassium oxide (low chlor, potassium sulphate based)
	10%	MgO,	water soluble magnesium oxide
	45.80%	SO ₃ ,	water soluble sulphur trioxide
	18.32%	S,	water soluble sulphur

2/ STORAGE

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 30/10/18 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 30/10/18 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 30/10/18 GRANULAR is effective on all soil types, irrespective of pH.
- * POTMAG 30/10/18 GRANULAR is cleared for use in organic farming systems as potassium, magnesium and sulphur are derived from naturally occurring salt deposits.
- * POTMAG 30/10/18 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 30/10/18 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 30/10/18 GRANULAR is a well-established potassium and magnesium fertiliser in nurseries and forestry.
- * POTMAG 30/10/18 GRANULAR is a granulated product with excellent spreading characteristics, also suitable for bulk blending.

Fertilisation advice

<u>Crop</u>	<u>kg Potmag/ha</u>
Potatoes	600 - 1,200
Cabbage & carrots	800 - 1,200
Fruit	400 - 600
Berries	600 - 800
Flower bulbs	500 - 1,000
Vegetables (full soil)	600 - 800

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.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose.
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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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.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.

POTMAG MEANS YOU YIELD BETTER QUALITY