12.12.17 S + 2 MgO + 22SO$_3$+Oligos

The blue fertilizer

«Poor in chlorine»

The product ***12.12.17 S + 2 MgO + 22 SO3 + Oligo elements*** is a granular complex fertilizer of the variety of *ROSAFERT®*, especially adapted to the **cultivation of fruit and vegetables**.

It is a **dissoluble formula** and therefore **immediately absorbable** by the plants.

Nutrition for the plants

Fertilizers provide the soil with nutritional elements, which are not always sufficiently available for the plants. A better absorbation of the nutritional elements encourages the growth of the plants.

The following elements are found in this formula: nitrogen, phosphorus, potassium, magnesium and sulfur.

Fertilizers, when used in a balanced manner and according to the approriate doses, make sure that the production of plants is healthy and ample.

What are the nutritional elements used for?

Nitrogen (N)

Nitrogen truly is the engine of growth, because it interferes in the composition of vegetable tissues as well as animal tissues (proteins).
The lack of nitrogen causes the plants to be weaker and of light(er) colour.

Phosphorus (P_2O_5)

Phosphorus is a component of the cellular walls of the plants. Moreover, it is indispensible to store (extra) energy for the growth and the formation of the fruit.

Potassium (K_2O)

Potassium regulates the growth of the plants as well as their water content. Because of this,potassium increases the resistance against frost and drought. Plants that are sensible to chlorine need potassium that comes from potassium sulfate (**without chlorine**)

Magnesium (MgO)

Magnesium is a component of chlorophyll and plays a part in the process of photosynthesis.

Sulfur (SO_3)

Sulfur plays an important role on different levels in the growth of plants. It becomes more and more indispensible to fertilizers, because of the decrease in rejections of sulfur in the atmosphere.

The Oligo elements

Boron (B), Iron (Fe), Manganese (Mn) and Zinc (Zn) are oligo elements that interfere in many biochemical reactions of plants.

A complete offer

The ***12-12-17S+2MgO+22 SO3 +Oligo elements*** is a CE fertilizer, NPK poor in chlorine, containing magnesium, sulfur and oligo elements.
We garanty :

- 12 % total nitrogen (N), of which 3% nitratic nitrogen and 9 % ammoniacal nitrogen.
- 12% phosphoric anhydride (P_2O_5) soluble in water and neutral ammonium citrate, of which 7,5% phosphoric anhydride (P_2O_5) soluble in water.
- 17% potassium oxyde (K_2O) soluble in water - poor in chlorine.
- 2% magnesium oxyde (MgO) soluble in mineral acids.
- 22% sulfur anhydride (SO_3) soluble in water.
- 0.02 % boron (B) soluble in water.
- 0.02 % total copper (Cu) .
- 0.06 % total manganese (Mn).
- 0.1 % total zinc (Zn).
- 0.07 % total iron (Fe).

ROSIER S.A. - 1, Rue du Berceau, - B-7911 MOUSTIER (Ht) - Belgica
Tél. : 069.87.15.20 - Fax : 069.87.17.01 - URL : www.rosier-be.com

12.12.17 S «Poor in chlorine»

+ 2 MgO + 22SO_3+Oligos

Recommended doses

The following doses are usually recommended for ***12.12.17 S + 2 MgO + 22 SO3 + Oligo elements*** :

Vegetables

Potatoes :	20 kg / 100 m²	
Potatoes (earlies) :	11 kg / 100 m²	
Strawberries :	10 kg / 100 m²	
Salad :	13 kg / 100 m²	(in 3 applications)
Onions :	9 kg / 100 m²	
Cabbages :	18 kg / 100 m²	
Leek :	13 kg / 100 m²	
Tomatoes :	15 kg / 100 m²	
Carrots :	12 kg / 100 m²	
Beans :	4 kg / 100 m²	
Spinach :	12 kg / 100 m²	

Fruit trees

10 kg / 100 m²

Lawns

During sowing	24 kg / 100 m²
Maintenance	
February	10 kg / 100 m²
June	10 kg / 100 m²

Flowerbeds

9 kg / 100 m² or 90 gr / m²

The blue fertilizer!

Instructions

Sowing plantation

Incorporate the fertilizer in the top layer of the soil (10 cm) a few days before sowing.

Maintenance

Spread the fertilizer during rainy weather and let it incorporate.

Lawns

Spread the fertilizer during rainy weather a week before mowing the lawn.

A quality grain

The physical characteristics of the grain ensure an optimal adjustment for the distributors, even on large surfaces.

Density : 1.1
Hardness : 7000 g/cm²
Granulométry : between 2 and 5 mm : + than 98 %
Average diameter : 3,5 mm

Your Rosier Tradesman: