



**PRODUCT INFO
& DATASHEET**

SICOFERT "RED GRANULE"

NPK 18.18.5 + 1.5 MgO + 18.3 SO₃ (L.C.)

Granular complex fertiliser for chlor-sensitive crops (SOP based) – E.C. fertiliser

Updated 20/06/2023

1. PRODUCT DESCRIPTION

NPK fertiliser, poor in chlorine RED COLORED, containing magnesium and sulphur, particularly suitable for basic fertilisation for plants with high nitrogen and phosphorus needs

It may be completed with SICOGREEN water soluble crystalline or liquid or suspension NPK's or with SICO-SOLSOP superior water soluble horticultural grade of sulphate of potash (SOP) where extra potassium needs.

2. STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD

*** Chemical Analysis / Analyse Chimique**

	Calculated %	Specification
Total Nitrogen / <i>Azote total (N)*</i>	18	± 3.3% Nitric Nitrogen / <i>Azote Nitrique (N-NO₃)</i> ± 14.7% Ammoniacal Nitrogen / <i>Azote Ammoniacal (N-NH₄)</i> OR <i>* Some productions are with</i> ± 5.2% Nitric Nitrogen / <i>Azote Nitrique (N-NO₃)</i> ± 12.8% Ammoniacal Nitrogen / <i>Azote Ammoniacal (N-NH₄)</i>
Phosphorus Pentoxide / <i>Anhydride phosphorique (P₂O₅)</i>	18	18% soluble in neutral ammonium citrate and in water / <i>soluble dans l'eau et le citrate d'ammonium neutre</i> 13.7% soluble in water / <i>soluble dans l'eau</i>
Potassium Oxide / <i>Oxyde de potassium (K₂O)</i>	5	Soluble in water / <i>soluble dans l'eau</i>
Total Magnesium Oxide / <i>Oxyde de magnésium total (MgO)</i>	1.5	Soluble in mineral acids / <i>soluble dans les acides minérales</i>
Total Sulphur Trioxide / <i>Anhydride sulphurique total (SO₃)</i>	18.3	16% Soluble in water / <i>soluble dans l'eau</i>

LOW CHLORINE – Tolerances & deviations allowed as per E.U. regulations 2019/1148.

*** Physical properties**

- Sieve analysis/Granulometry

* between	1-5 mm > 98%
between	2-5 mm > 90%
* Average size particle	3.5 mm

3. GUIDELINES FOR APPLICATION

Please consult your local agronomist for a tailor-made personal fertilisation program based on soil examination & analysis