



**PRODUCT INFO
& DATASHEET**

SICOFERT® GROWER

Granular complex NPK 12.11.18 + 2.7 MgO + 8 S + TE

Low chlor (L.C.) for chlor sensitive crops (SOP based)

1) PRODUCT SPECIFICATIONS

Total nitrogen (N)	12.4 %
> Nitric N	3.8 %
> Ammoniacal N	8.6 %
Phosphorus pentoxide (P2O5)	
> soluble in neutral ammonium citrate and in water	11 %
> soluble in water	7.15 %
Water soluble Potassium oxide (K2O), SOP based	18 %
Magnesium oxide, total MgO , soluble in mineral acids	2.7 %
Total Sulphur (S)	8 %
Total Boron (B)	0.015 %
Total Iron (Fe)	0.2 %
Total Manganese (Mn)	0.02 %
Total Zinc (Zn)	0.02 %

2) WHY SICOFERT® GROWER ?

Sicofert® Grower:

- Contains all main and trace elements in the right proportions.
- Is pure and suitable for ecological friendly fertilisation in outer crops. This is "tailored" fertilisation.
- Is a prilled hard granule of uniform quality, allowing accurate spreading, even in small quantities.
- Supplements your soil with: Boron, Zinc, Manganese, Magnesium and Sulphate.
- Green colored for attractive marketing

Sicofert® Grower:

- Has a high Potassium content and is suitable as fast acting potassium source and as total stock (buffer) fertigation.

Sicofert® Grower: contains sulphate and avoids sulphur problems.

With cruciferae such as cabbage and rapeseed/colza, sulphur shortages now regularly occur (this may be caused by a.o. the air becoming cleaner (due to diminished sulphur emission) which causes sulphur shortages in the soil). For cruciferae such as cabbage an extra sulphate fertilisation is therefore indicated.

Sulphate is present in **Sicofert® Grower** in a good proportion to nitrogen. Sulphate acts as nitrogen in the soil.

3) FERTILISATION ADVICE BASED ON NITROGEN REQUIREMENTS

Crop / Plantation	Nitrogen requirement*	Sicofert® Grower
Strawberries	0.8 - 1.0	6 – 8
Asparagus	0.6 - 1	5 – 8
Arboriculture – low needs	0.3 - 0.6	2.5 – 5
Arboriculture – high needs	0.9 - 1.2	7 – 10
Small fruit (a.o. raspberry)	0.7 - 1.4	5 – 11
Vegetables		
Cabbages (cauliflower)	3	22 – 26
Salad, andive, onions	1.4 - 1.6	10 – 12
Leek, celery	2.2	15 – 18
Carrot	1.0 - 1.6	8 - 12

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

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SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION



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Public greens	1.2 - 1.6	10 - 13
Sport fields/lawns/grass fields	0.4 - 0.8	3 - 7
Plantations of more than 1 year (shrubs)	1 - 1.4	7 - 12
One year plantations	1 - 2	7 - 15
Outdoor cut flowers		

* in kg per are (100m²) per season

Please consult your local agronomist for a tailor-made personal fertilisation programme based on soil examination & analysis. If such advice is not available, then the above-mentioned table will give you an indication of required quantities.

General Users Advice

- If necessary, you can start after ca. 6 weeks with an additional fertilisation with e.g. calcium nitrate, calcium ammonium nitrate: 2-4 kg per are per turn, according to the nitrogen requirement of the crop.
- Equal spreading of the fertiliser and possibly burrowing through the soil is the best way!
- Modern fertilisation is done best with a divided dose: this means spreading in several times and per turn only 3-4 kg of **SICOFERT® GROWER** per are (100 sqm).
- Strew the fertiliser within the parcel and avoid "over-fertilisation" of the surroundings, as such you save the environment!
- **SICOFERT® GROWER** supplies also the most important trace elements so your crops not only beautifully but also get increased resistance against all kinds of diseases and plagues.
- As such you can give with **SICOFERT® GROWER** a suitable mineral addition to each crop.
- Sensitive crops (e.g. salad, spinach and strawberry) on phosphate rich soil: 3 - 5 kg **SICOFERT® GROWER** per are per culture.

Additional fertilisation for lawns and sporting fields

- Divide over several smaller spreadings, ca. 4 - 5 times.
- In case of intensive use: strew extra nitrogen in the form of eg. NK 23+15(S)
- With continuous sowing and during winter: donot strew extra nitrogen.

4) PACKING

In 25/40/50 kg net pp + pe bags or 1000/1200 kg big bags or bulk in 20' containers.

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