



**PRODUCT INFO  
& DATASHEET**

## **SICOGREEN-L PRO CEREAL**

**Liquid NPK 25-0-0 + 4 MgO**

*Clear liquid nitrogen solution with Magnesium Oxide*

*Ideal for cereal crops (foliar & micro-irrigation) - E.C. Fertiliser*

revised 03/2022

### **1/ PRODUCT DESCRIPTION**

#### **\* BENEFITS**

- Improves the Nitrogen uptake, increasing yield and protein content through the synergistic effect of high nitrogen and magnesium.
- Supplies nitrogen surplus rates which have been affected due to extreme weather and soil conditions (low or high pH soils, sandy or light soils, low organic matter, drought, high rainfall or heavy irrigation).
- Helps to correct nitrogen deficiencies due to rapid effect and high concentration of nitrogen.

**SICOGREEN-L PRO CEREAL** is a nitrogen fertiliser solution with magnesium oxide.

**SICOGREEN-L PRO CEREAL** is an ideal product to improve quality of cereal crops (proteins, zeleny, bread-making quality), grown on soils poor in nitrogen during spring or faced with a nutritional nitrogen deficit (due for example to drought).

**SICOGREEN-L PRO CEREAL** combines 3 kinds of nitrogen: nitric, ureic and ammoniacal, improving its effectiveness without scorching leaves.

### **2/ PRODUCT SPECIFICATIONS & ANALYSIS**

#### **\* ANALYSIS**

Total Nitrogen (N)	25%	(= 325 g/l)
of which Nitric N (N-NO <sub>3</sub> )	5.0%	(= 65 g/l)
Ammoniacal N (N-NH <sub>4</sub> )	2.15%	(= 28 g/l)
Ureic N (N-NH <sub>2</sub> )	17.85%	(= 232 g/l)
Total Magnesium Oxide (MgO), water soluble	4%	(= 52 g/l)

#### **\* SPECIFICATIONS**

Colour	green*
Type	clear liquid
Density	1.3
pH at 20 °C	4.5-6

\*Colour differences may occur and do not affect the quality of the fertiliser.

### **3. USE AND DOSAGE**

\* Foliar application. May be used in micro-irrigation systems.

#### **DOSAGE:**

\* At spraying (stages 58 to 59 on Zadok's scale) along with fungicide treatment, dosed at 50 to 60 l/ha, corresponding to 16 to 20 nitrogen units. Add **SICOGREEN-L PRO CEREAL** to 150/300 litres of water per hectare.

**SICOGREEN-L PRO CEREAL** is to be applied on dry leaves with a flat spray nozzle to prevent the solution flowing off. Avoid heat waves, windy periods and excessive hygrometry (over 80%)

### **3/ RECOMMENDED APPLICATION RATES & DOSAGES**

Highly available Nitrogen source for use in high pH, organic, sandy and eroded soils or during extreme weather conditions. Apply when enough leaf surface is available.

#### **ARABLE CROPS:**

- Cereals : Application rate depends on the expected yield and climate conditions: (except malting barley)
  - 1) 2 applications strategy : 15-25 l/ha between stem elongation and flag leaf stage (support in case of dry period and increasing the yield), and 15-25 l/ha end of flowering (to improve protein content).
  - 2) 1 application strategy : 15/40 l/ha at flag leaf stage.
- Maize : 15-25 l/ha as late as possible to spray.
- Potato : 25 l/ha 6 weeks after emergence (75% seedling), 25 l/ha 8 days later or 5 l/ha in combination with every fungicide application.
- Cotton : apply 30-40 l/ha to supply rapidly utilized nitrogen during peak nitrogen demand or periods of nitrogen shortages with 30-80 l of water/ha.
- Oilseed rape : 15-25 l/ha in the autumn; in case of deficiency 15-25 l/ha at the spring.

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· Sugar cane : 25-50 l/ha beginning at stem elongation to flowering.

**PERENNIALS AND CROPS:**

- Fruit trees : 20-30 l/ha after harvest.
- Vinegrapes : 20-30 l/ha during fruit maturation.
- Banana : 30 l/ha all 2 months.
- Pineapple : 28-45 l/ha all 2 months.
- Coffee : 3 x 2 l/tree with 2 months intervals (for N-deficiency).
- Citrus : 2 x 15 l/ha in 400 l/water at pre-flowering and repeat after post flowering stage.
- Apple : 3 x 2 l in 100 l/ha with plant protection products before petals fall.

**VEGETABLES:**

· Leaf vegetable and salads : 1-2 x 10-15 l/ha during intense vegetation once enough surface and every 10-15 days.

Or any other crop, to be used only where there is a recognised need. Donot exceed the appropriate dose rates. For any other further detail, please contact your agronomist. SAP International Corporation bv does not take responsibility for wrong application. Please revise your local regulation or get advice from your local agronomic advisory service.

**4/ INSTRUCTIONS FOR USE & STORAGE**

**Instructions for use & Storage**



**TANK MIXES**  
10 steps for a perfect Tank Mix result



**5/ PACKINGS**

- 10 lt cans, 500 lt per pallet, 20 pallets = 10,000 lt/20' container.
- 200 lt drums x 4 per pallet, 10 pallets = 8,000 lt/20' container.
- 1000 lt IBC, 10,000 lt/20' container.

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