



**PRODUCT INFO
& DATASHEET**

SICOGREEN[®] -SF NPK 29.10.10 + 2 MgO + 7 SO₃ + CTE (blue colored)

Growth & Yield : application possible in nearly all crops.

09/2023

1. PRODUCT SPECIFICATIONS & CERTIFICATE OF ANALYSIS

*** Chemical analysis**

		%
Total Nitrogen	(N)	29
Ammoniacal Nitrogen	(N-NH ₄)	1
Nitric Nitrogen	(N-NO ₃)	1
Ureic Nitrogen	(N-NH ₂)	27
Phosphorus pentoxide, water soluble	(P ₂ O ₅)	10
Potassium oxide, water soluble	(K ₂ O)	10
Magnesium oxide, water soluble	(MgO)	2
Sulphur trioxide, water soluble	(SO ₃)	7

Ec (mS/cm) 1 g/L	0.6
pH 1 g/L	4.6
Max. solubility g/L	730
Colour	blue

*** Package of chelated trace elements (C.T.E.) contains: (%)**

B	0.03	water soluble	Cu	0.02	EDTA chelated	Mn	0.08	EDTA chelated
Mo	0.003	water soluble	Fe	0.08	EDTA chelated	Zn	0.05	EDTA chelated

LOW CHLORINE FERTILISER

2. ADVANTAGES

- **Extreme foliar nitrogen availability for application in the phases with high nitrogen need.**
- In the vegetative stages foliar nitrogen supports yield and plant growth.
- In the generative stages it supports the quality of harvest product (e.g. protein, oil).
- The combination of all nutrients results in a very high nutrient efficiency.

3. GENERAL RECOMMENDATIONS FOR USE

Crop	Growth stage	kg/ha per application	Applications	Target
Alfalfa hay	After each cutting, (plant height 15-20 cm)	5	3	Better growth, healthy plants and good fodder quality
Alfalfa seed	Last bud stage, 10-20% Bloom (all 14 days)	10	3-4	Better seed quality and viability of seeds
Cereals	Flagleaf (1) + after flowering (2)	10-20	1-2	Increasing yield (1) + protein (2)
Grapes	Before (1) + after flowering (2)	10-20	2-4	Vital leaves (1) + support storage of reserve substances (2)
Maize	From 8-leaf stage-flowering	5-10	1-2	Nitrogen support in stage with high need
Oilseed	During length growth	5	1-2	Nitrogen support in stage with high need, vital leaves
Rape				
Potato	With the fungicide applications	5-10	1-4	For faster growth and more vital plants
Sugar beet	6-leaf - row closing	4-5	1-2	For faster growth and more vital plants
Vegetables	From 8-leaf stage	4-5	1-4	Nitrogen support in stage with high need, vital leaves
Olive trees	Start of vegetation	4-5	1-2	Fast and strong support of new vegetation and flowering

4. STORAGE & PACKING

SICOGREEN-SF NPK 29.10.10 + 2 MgO + 7 SO₃ + CTE shows a good storability and does not require special storage conditions (no dangerous good classification and no frost-free storage).

In 25 kg multicolor laminated pp bags (with product label) on 1200 kg net H.T. (heattreated) pallet x 20 = 24 MT/20ft.

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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