



**PRODUCT INFO
& DATASHEET**

SICOGREEN[®] -SF NPK 5.5.40 + 2 MgO + 28 SO₃ + CTE (purple colored)

Super Finisher : application possible in nearly all crops.

09/2023

1. PRODUCT SPECIFICATIONS & CERTIFICATE OF ANALYSIS

*** Chemical analysis**

		%
Total Nitrogen	(N)	5
Ammoniacal Nitrogen	(N-NH ₄)	1
Nitric Nitrogen	(N-NO ₃)	4
Phosphorus pentoxide, water soluble	(P ₂ O ₅)	5
Potassium oxide, water soluble	(K ₂ O)	40
Magnesium oxide, water soluble	(MgO)	2
Sulphur trioxide, water soluble	(SO ₃)	28

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

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

LOW CHLORINE FERTILISER

Ec (mS/cm) 1 g/L	1.6
pH 1 g/L	3.6
Max. solubility g/L	210
Colour	purple

2. ADVANTAGES

- **Highly soluble potassium for application in phases with stress and at fruit ripening.**
- Fast and very efficient possibility to supply plants mainly with potassium.
- Improves colour, taste, quality and storability of fruits and vegetables.
- Increases resistance to drought and temperature stress.

3. GENERAL RECOMMENDATIONS FOR USE

Crop	Growth stage	kg/ha per application	Applications	Target
Avocado	Pre-bloom	5-10	1	Healthy foliage, improved vigor, better stress resistance
Banana	2-3 months before harvest	5	2	Increasing fruit quality and storability
Berries	From fruit setting	4-5	2-4	Better stress resistance, increasing fruit quality
Cereals (summer)	Before tillering	4-5	1	Potassium deficiency, better stress resistance
Cereals (winter)	Autumn	4-5	1-2	To support winter hardness
Cotton	First open flowers, green bolls and first bolls split	2-5	3-4	K deficiency, enhancement of production and quality (low water)
Maize	4-8-leaf-stage	4-5	1	Potassium deficiency, better stress resistance
Oilseed Rape	Autumn	4-5	1	To support winter hardness
Potato	From flowering	4-10	2-4	Increasing starch content and tube quality
Soybean	Before flowering	4-5	1-2	Potassium deficiency, better stress resistance
Stone fruits	From fruit setting	4-5	2-4	Better stress resistance, increasing fruit quality
Sugar beet	From 8-leaf stage	4-5	1-2	Better stress resistance, increasing sugar quality
Sugar cane	All 2-3 months	5	3-4	K deficiency, improve environmental stress resistance
Vegetables	From 4-leaf stage	4-5	1-3	Better stress resistance, increasing harvestquality

4. STORAGE & PACKING

SICOGREEN-SF NPK 5.5.40 + 2 MgO + 28 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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