PRODUCT INFO & DATASHEET

SICOGREEN® -SF NPK 14.5.34 + 2 MgO + 9 SO_3 + CTE (pink colored)

Higher Yield & Quality : application possible in nearly all crops. 09/2023

1. PRODUCT SPECIFICATIONS & CERTIFICATE OF ANALYSIS

* Chemical analysis		%
Total Nitrogen	(N)	14
Ammoniacal Nitrogen	($N\text{-}NH_4$)	7
Nitric Nitrogen	($N\text{-}NO_3$)	7
Phosphorus pentoxide, water soluble	(P_2O_5)	5
Potassium oxide, water soluble	(K_2O)	34
Magnesium oxide, water soluble	(MgO)	2
Sulphur trioxide, water soluble	(SO_3)	9

Ec (mS/cm) 1 g/L	1.2
pH 1 g/L	3.1
Max. solubility g/L	405
Colour	pink

* **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

- **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, qualities 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
Banana	Every two months	4	5-7	Early harvest, higher yields, better resistance to diseases and stress
Berries	2-3 weeks appart during post harvest season	3	1-2	Increase winter hardness and resistance of buds and flowers to frost
Cereals	Tillering - flag leaf stage	4-5	1-2	Increasing yield and for better stress resistance
Citrus	Pre-bloom, after fruit filling	3-5	2-3	Increase yield, reduce stress and disorders
Cabbage, etc	7-10 days prior + after transplant, 10-14 days later	3-5	3	Increase of head size, firmness, and better post harvest quality
Cotton	First open flowers, green bolls and first bolls split	10-15	3-4	K deficiency, enhancement of production and quality
Maize	From 8-leaf stage	4-5	1	Increasing yield and for better stress resistance
Olive trees	From fruit setting on	4-5	1-2	Increase oil content and yield
Oilseed Rape	6-8 leaf stage	4-5	1	Increasing youth growth and winter hardness
Pomme fruits	First fruit drop - harvest	4-5	2-4	Increasing yield, fruit quality and storability
Potato	From flowering	4-10	2-4	Increasing yield, starch content and tube quality
Soybean	Before flowering	4-5	1-2	Increasing yield, better stress resistance
Stone fruits	From fruit setting	4-5	2-4	Increasing yield, fruit quality and storability
Sugar beet	From 8-leaf stage	4-5	1-2	Increasing yield, better stress resistance
Sugar cane	All 2-3 month	5	3-4	Increasing yield, better stress resistance
Tomato (fresh)	From blooming (14 day intervall)	2-3	4	Increase yield, quality and storage stability, reduce risk of blossom end rot
Tomato (processed)	From blooming (21 day intervall)	3-4	2	Increase yield and solubles, early harvest, reduce risk of blossom end rot
Vegetables	From 4-leaf stage	4-5	1-3	Increasing yield, harvest quality and storability

4. STORAGE & PACKING

SICOGREEN-SF NPK 14.5.34 + 2 MgO + 9 SO_3 + 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.

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