PRODUCT INFO & DATASHEET

SICOGREEN® -SF NPK 9.49.9 + 2 MgO + 5 SO_3 + CTE (orange colored)

Start + Flowering : application possible in nearly all crops. 09/2023

1. PRODUCT SPECIFICATIONS & CERTIFICATE OF ANALYSIS

* Chemical analysis		%
Total Nitrogen	(N)	9
Ammoniacal Nitrogen	($N\text{-}NH_4$)	8
Nitric Nitrogen	($N\text{-}NO_3$)	1
Phosphorus pentoxide, water soluble	(P_2O_5)	49
Potassium oxide, water soluble	(K_2O)	9
Magnesium oxide, water soluble	(MgO)	2
Sulphur trioxide, water soluble	(SO_3)	5

Ec (mS/cm) 1 g/L	1.0
pH 1 g/L	3.8
Max. solubility g/L	560
Colour	orange

* **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 plant available Phosphorus mainly for early stages and shortly before flowering.**
- Fast and very efficient Phosphorus supply, especially if badly available from soil.
- Improves root formation, stimulates blooming and increases fruit production.
- Supports root formation and fast youth growth.

3. GENERAL RECOMMENDATIONS FOR USE

Crop	Growth stage	kg/ha per application	Applications	Target
Berries	Vegetation start-flowering	4-5	2-4	Support youth develepment, flowering, fruit setting
Cereals (summer)	Before tillering	4-5	1	Supply P on cold soils and support root development
Cereals (winter)	Autumn and spring start of vegation	4-5	1-2	Support root development and supply P on cold soils
Cotton	Early growth to flowering	5-8	1-2	Improve flowering and reduce boll abortion
Maize	4-8-leaf stage	4-8	1	Supply P on cold soils and support fast youth growth
Oilseed Rape	Autumn and spring start of vegation	4-5	1-2	Support root development and supply P on cold soils
Pomme fruits	From petal fall (7-14 days)	3-8	4-8	Increase yield, reduce flower abortion, support red coloring
Potato	Before flowering	4-5	2-4	Increases the number of tubes
Rice	Before flowering, after grain filling	5	2-3	Support fast youth growth + flowering, increase yield
Soybean	Before flowering	5	1	Supports youth growth, reduces flower abortion and improves pod formation.
Stone fruits	From fruit setting (7-14 days)	3-8	4-8	Increase yield, reduce flower abortion, reduce stress
Sugar beet	Before row closing	4-5	1	Supply P on cold soils and support fast youth growth
Vegetables	From 8 leaf stage	3-5	4-6	Better stress resistance + increasing harvest quality

4. STORAGE & PACKING

SICOGREEN-SF NPK 9.49.9 + 2 MgO + 5 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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