



ORTHOSIL

Ortho Silicic Acid (OSA) 2.0% WSL

BENEFICIAL ELEMENT FERTILIZER



Farmers' first choice since 1974

MULTIPLEX ORTHOSIL

Silicon is the second most abundant element after oxygen in our soils which is present to the tune of 50-70% of soil mass. The importance of silicon in plant nutrient was ignored because of the abundant availability of the nutrient in the soil and absence of visible symptoms of silicon deficiency.

Silicon is not considered as essential plant nutrient even though it has proven beneficial effects in plants like stress management, plant growth and prevention of attack of diseases.

Silicon improves resistance to wilt disease, resistance to water stress and helps plants to fight, temperature stress up to 41°C. It also increases reproductive rate in plants. Silicon in plants helps to increase the tolerance to zinc deficiency along with protection against toxicity due to excessive levels of Phosphorous, Manganese, Sodium and Aluminium.

Silicon plays an important role in combating fungal growth by production of Polyphenolic compounds which has a natural defense against fungal & insect attacks.

DIRECTION FOR USE

Always use clean tank to prepare spray solution of Multiplex Orthosil.

Dissolve 1 to 2 ml of Multiplex Orthosil in one liter of water and spray on both surface of leaves.

First spray - 30 days after sowing or transplantation. We recommend 2-3 sprays at an interval of 20 days between the sprays.

Availability: Multiplex Orthosil is available in 250 ml, 500 ml, and 1 litre.

SPECIFICATION

Ortho Silicic $\{\text{Si}(\text{OH})_4\}$, percent by weight, minimum	-	2.0
Plant available Silicon (Si) equivalent, percent by weight minimum	-	0.6
pH (1% solution in distilled water @ 20°C)	-	1.7-2.2

BENEFITS OF MULTIPLEX ORTHOSIL

- Provides resistance to nutrient and climatic stress
- Improves photosynthetic efficiency.
- Prevents insects damage by sucking insects.
- Reduces fungus infestation by preventing fungus from penetrating leaf surface.
- Improves strength, increases growth, and yield in plants.
- Helps plants to resist toxicity from high levels of Phosphorus, Manganese, Aluminium, and Sodium.
- Increases salt tolerance and helps in resistance to draught by reducing transpiration rate.



Manufactured by

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