Fertilizers

BIO SILICA

Foliar Sprays with (Stabilized) Silicic Acid

20 g/kg Si – 27 g/L Si
18 g/kg K 24 g/L K
70 g/kg N – 92 g/L N
Approx. S.G @ 20^{O}C = 1.3

Fertilizer Group 2

Reg. No. Prescription Mix Act 36 of 1947

Ground Up Fertilizers cc
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GENERAL DIRECTIONS

Foliar sprays with stabilized silicic acid increase growth, yield and quality, especially when stress factors are involved. Moreover, stabilized silicic acid sprays are equally effective for monocots as for dicots, while soil applied silicon amendments are hardly or less effective for dicots. Foliar sprays with stabilized silicic acid significantly reduce many bacterial and fungal infections, allowing a reduced use of pesticides.

DIRECTIONS
Shake well before use. Keep from freezing and store in a cool place.

Apply as a foliar spray using sufficient water to provide complete coverage of the plant and ensure that the dilution rate exceeds 200 volumes of water for each volume of Bio Silica. Do not apply undiluted.

Bio Silica may be used on cole crops, cucurbits, deciduous and subtropical fruits, grain crops, grapes, herbaceous and woody ornamentals, leafy vegetables, legumes, root crops, and many other crops.

APPLICATION GUIDELINES
Rates of application

Crop	Rate per 100 liter water	Spray volume* per hectare
Melons (Watermelons, muskmelon etc.)	200 ml	500 L
Peppers	200 ml	800 L
Potato	200 ml	600 L
Strawberry	200 ml	300 L
Table grapes	200 ml	1000 L
Tomato	200 ml	800 ml

TIMING OF APPLICATION
The stabilized silicic acid sprays are only effective if applied at the (early) vegetative stage. The efficacy is further increased by using several sprays (3–4) at an interval of 10–20 days, dependent on plant species.

GUIDELINE FOR MIXING WITH COMPATIBLE MATERIALS IN THE SPRAY TANK
Bio Silica is advised to spray on its own and not to mix with other chemicals in the spray tank.