



# NANO Silica

Nano Silica provides the plant with bio available silica which provides strength to tolerate biotic and abiotic stresses, imparts drought resistance/tolerance and improves its resistance to pest and disease attack.

Components	(%) w/w
Sodium as Na	11%
Silica as Si	6.5%
Citric acid	27.5%
Amino acid	2.5%
Chitosan	0.2%
Emulsifiers	1.25%
Thickening agents	1.25%
Vitamin C	0.25%
Water	Q.S.

## Benefits

- Confers strength, rigidity
- Creates better water-use efficiency
- Decreases the transpiration rate (water loss through leaves)
- Enhances pollination in tomatoes
- Enhances the growth, chlorophyll content, thousand grain weight, filled grains, biomass and yield in rice
- Ensures better pollen fertility in cucurbits
- Ensures stronger stems and more erect leaves, which capture more sunlight
- Filters harmful ultraviolet radiation reaching leaf surface
- Improves plant growth and yield

## Dosage & Application | 10,000ppm

**Soaking seeds:** Mix 0.5-1 ml per liter of water

Crops	Foliar Application In reproductive phase, from 15 days prior to flowering till harvest, once in 10 to 15 days in split doses of the following total requirement	Soil Application In root zone at the time of land preparation
Cereals	250ml per acre	2 litre per acre
Horticulture	2 - 5ml per tree	25 - 50 ml per tree
Floriculture	250 - 300ml per acre	2 - 3 litre per acre
Sugarcane	400 - 500ml per acre	4 - 5 litre per acre
Oil Seeds	200 - 300ml per acre	2 - 3 litre per acre
Vegetables	200 - 300ml per Acre	2 - 3 litre per Acre