

TECHNICAL DATA SHEET

Product Name	KATRA NANO CAPSULE (PLANT GROWTH PROMOTER)
Manufactured By	KATRA FERTILIZERS & CHEMICALS PVT. LTD.
Factory Address	Survey No. 90/2/1, Gram Mehrja , Khandwa Road, Khargone, Madhya Pradesh, 451001-India
Office Address	Corp. Office: 1304, Marathon Icon, Nextgen Campus, Opp. Peninsula Corporate Park, Lower Parel (West), Mumbai- 400013 India

General Information

It is a **Nano-technology** based revolutionary Plant Growth Promoter Encapsulated In 100% Water Soluble Capsules. It Contains Essential Plant Vitamin NANO **Ascorbic acid** 10%, also known as vitamin C, plays many important roles in plants, including:

Growth and development: Regulates cell division and growth, and is involved in signal transduction. It's also involved in processes like seed germination, floral induction, and fruit expansion

Enzyme cofactor: It is a cofactor for enzymes involved in regenerating other antioxidants and hormone biosynthesis

Photosynthesis: Acts as a cofactor for enzymes involved in photosynthesis.

Antioxidant: It is a non-enzymatic antioxidant that protects plants from oxidative damage. It's a major component of the ascorbate-glutathione (AsA-GSH) cycle, which helps modulate oxidative stress.

Stress tolerance: It helps plants tolerate abiotic stresses like heat, salt, drought, chilling, metals, and ozone. Plants with higher levels of ascorbic acid are more tolerant to stress.

KEY BENEFITS:

- Help boost the growth of the plants and their quality,
- It helps in improving yield and better crop quality.
- Help to increase overall growth of crops.
- IT was essential for normal growth and development.
- Increases Growth and Yield of the Plant In Stress Conditions.
- Increases Stress Tolerance By Promoting Photosynthesis
- Reducing Dehydration of Leaves.
- Increases Storage of Protein and Amino Acids.
- Increases Biomass Of Fruit & Vegetables

Chemical property:

NANO Ascorbic Acid – 10 %

Target Crops: It is use in all crops like Vegetables, Fruits, Spices, cotton, Flowers, Plantation crops, Cereals and Pulses.

Storage:

It Is Stable For A Period Of 24 Month From The Date Of manufacturing If It Is Kept Under Normal Storage Condition.

Recommended Dosage: 1 capsule/acre

Company Name

Katra Fertilizers & Chemical Pvt Ltd
(An Ezzy Group Enterprises)

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