


KATRA[®]
FERTILIZERS


EZZY

Katra
**NANO EDTA
MICRONUTRIENTS**

3X LESS DOSES 2X HIGHER PERFORMANCE





Katra Fertilizers and Chemicals Pvt Ltd is one of the pioneering companies in India in Nano Technology products for agrochemicals. We have developed a unique Nano Enzyme through a fermentation process, utilizing advanced and unique fungi, bacteria, and algae. Our Nano Enzyme is capable of breaking down the molecular size of EDTA micronutrients, making them readily available food and ensuring faster benefits for all types of crops. It reduces the required doses by three times and increases the performance of all EDTA micronutrients by two times

HOW KATRA NANO EDTA MICRONUTRIENTS WORKS

- Nano Enzyme do reaction with EDTA Micronutrients and it breaks the molecular size of EDTA Micronutrients and convert in 1-100 Nano Meter.
- It breaks and convert environmentally available nutrients to make them available for plant use.
- It has biological Nitrogen, Phosphate and potash fixation activity, It is able to synthesize/assimilate atmospheric nitrogen, Phosphate and potash.
- When sprayed on leaves, KATRA NANO Micronutrients easily enters through stomata and other openings and assimilates by the plant cells.
- Nano Enzymes help unutilized EDTA Micronutrients to keep stored in the plant vacuole and is slowly released for proper growth and development of the plant.

BENEFIT OF KATRA NANO EDTA MICRONUTRIENTS

- KATRA NANO EDTA Micronutrients Molecular size varies from 0-100 nm, due to Small size, Increasing its availability to crop by more than 30-40%.
- KATRA NANO EDTA Micronutrients is a highly effective Nano Molecular Micronutrients its application and dosage are three times less than conventional EDTA Micronutrients.
- KATRA NANO EDTA Micronutrients can replace effectively at least 3 times less then conventional EDTA Micronutrients because of higher efficiency.
- It is easily distributed through the phloem from source to sink inside the plant as per its need.
- Enhances Farmer's income by an increase in crop productivity and reduction in input cost.

BENEFITS FOR COMPANY

- Increase sale by EDTA Micronutrients wise doses in every spray.
 - No competition from other brand as there is no real NANO EDTA Micronutrients available in market.
 - Get better margin then conventional EDTA Micronutrients.
 - Increase creditability and customer by quality product sale.
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Katra **NANO EDTA MAGNESIUM 6%**

- Katra Nano Mg-EDTA can help plants absorb nutrients faster, which can increase crop yield. It can also help plants produce chlorophyll, which is essential for photosynthesis.
- Katra Nano Mg-EDTA can help prevent the development of plant diseases.
- Katra Nano Mg-EDTA can help reduce leaf dryness and improve leaf texture, which can help with photosynthesis.
- Katra Nano Mg-EDTA can provide plants with essential proteins, carbohydrates, fats, and vitamins.
- Katra Nano Mg-EDTA can help remedy deficiencies in soil or artificial substrates.



Katra **NANO EDTA ZINC 12%**

- Katra Nano Zinc EDTA can help improve the health of crops by improving the leaves and overall crop health.
- Katra Nano Zinc EDTA can help increase crop yields by helping crops get the nutrients they need for development.
- Katra Nano Zinc EDTA can help crops use nutrients more efficiently.
- Katra Nano Zinc EDTA can help crops become more tolerant to pests and diseases.
- Katra Nano Zinc EDTA can help improve the quality of crops.
- Katra Nano Zinc EDTA can help boost plant development.
- Katra Nano Zinc EDTA can activate enzymes that help with protein synthesis in plants.
- Katra Nano Zinc EDTA can help with the formation of chlorophyll.



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Katra **NANO EDTA FERROUS SULPHATE 12%**

- Katra Nano Fe-EDTA can help prevent and correct iron deficiencies in crops. Iron deficiency can cause leaves to turn yellow, and in severe cases, leaves may turn pale white.
- Katra Nano Fe-EDTA can help improve crop quality and increase yields and help crops to use nutrients more efficiently.
- Katra Nano Fe-EDTA can stimulate enzyme activities in crops, which can help with healthy growth.
- Katra Nano Fe-EDTA can increase the chlorophyll content of leaves, which can help keep them healthy and green.
- Katra Nano Fe-EDTA can help crops become more resistant to pests and diseases.
- Katra Nano Fe-EDTA can be used on soils with a pH of 4.0–8.0.



Katra **NANO EDTA MAGANESE 12%**

- Katra Nano Manganese EDTA helps plants absorb nutrients more effectively.
- Katra Nano Manganese EDTA can help plants develop a strong root system.
- Katra Nano Manganese EDTA can help increase crop output.
- Katra Nano Manganese EDTA can help plants resist root pathogens
- Katra Nano Manganese EDTA can help with pollen germination and pollen tube growth.
- Katra Nano Manganese EDTA can help with root cell elongation
- Katra Nano Manganese EDTA is involved in photosynthesis, a biological system that plants use to make food
- Katra Nano Manganese EDTA is involved in respiration, a biological system that plants use to breathe.
- Manganese EDTA is involved in nitrogen assimilation, a biological system that plants use to incorporate nitrogen into their tissues



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Katra **NANO EDTA CALCIUM 12%**

- Katra Nano Calcium EDTA helps plants grow and develop, which can lead to higher crop yields. It also helps plants resist stress and improves their overall vigor.
- Katra Nano Calcium EDTA can help reduce browning and shoot necrosis in plants.
- Katra Nano Calcium EDTA can help reduce the risk of blossom-end rot in plants.
- Katra Nano Calcium EDTA can help improve soil structure and make nutrients more available to plants.
- Katra Nano Calcium EDTA can help fruits, vegetables, and tubers ripen more consistently and become harder.
- Katra Nano Calcium EDTA can help treat physiological diseases like blossom-end rot, glassiness, and bitter pit.
- Katra Nano Calcium EDTA can help corrects calcium deficiencies in plants.
- Katra Nano Calcium EDTA helps plants absorb nutrients more efficiently. It also helps plants retain other elements and transport them normally.



Katra **NANO EDTA COMBI 01**

Zn 5% + Ca 1% + Mn 1% + Mg 0.5% + Fe 1%

- Katra Nano Zinc EDTA can help improve the health of crops by improving the leaves and overall crop health.
- Katra Nano Manganese EDTA helps plants absorb nutrients more effectively.
- Katra Nano Fe-EDTA can help prevent and correct iron deficiencies in crops. Iron deficiency can cause leaves to turn yellow, and in severe cases, leaves may turn pale white.
- Katra Nano Activates enzymes that help plants defend against pathogens and disease.



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Katra NANO EDTA COMBI 02

Zn 2% + Ca 5% + Mn 1% + Mg 0.5% + Fe 1%

- Katra Nano Zinc EDTA can help increase crop yields by helping crops get the nutrients they need for development.
- Katra Nano Mg-EDTA can help prevent the development of plant diseases.
- Katra Nano Manganese EDTA helps plants absorb nutrients more effectively.
- Katra Nano Fe-EDTA can help improve crop quality and increase yields and help crops to use nutrients more efficiently.



Katra NANO EDTA COMBI 03

Zn 4% + Ca 4% + Mn 4% + Mg 0.5% + Fe 0%

- Katra Nano Zinc EDTA can help crops use nutrients more efficiently.
- Katra Nano Manganese EDTA can help increase crop output.
- Katra Nano Fe-EDTA can stimulate enzyme activities in crops, which
- Katra Nano Copper EDTA can enhance the flavor and color of fruits and vegetables, and the color of flowers.



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Katra **NANO EDTA COMBI 04**

Zn 0% + Ca 0% + Mn 2% + Mg 3% + Fe 1%

- Katra Nano Zinc EDTA can help crops become more tolerant to pests and diseases.
- Katra Nano Manganese EDTA can help plants resist root pathogens
- Katra Nano Fe-EDTA can increase the chlorophyll content of leaves, which can help keep them healthy and green.
- Katra Nano Copper EDTA is involved in lignin formation, which helps prevent crops from lodging.



Katra **NANO EDTA COMBI 05**

Zn 6% + Ca 0% + Mn 0% + Mg 0% + Fe 6%

- Katra Nano Zinc EDTA can help improve the quality of crops.
- Katra Nano Mg-EDTA can help remedy deficiencies in soil or artificial substrates.
- Katra Nano Manganese EDTA can help with pollen germination and pollen tube growth.
- Katra Nano Fe-EDTA can help crops become more resistant to pests and diseases.
- Katra Nano Cu-EDTA stimulates and regulates enzyme reactions for growth and development for crops, as copper is an activator of several enzymes.

***CUSTOMIZED COMBI IS AVAILABLE AS PER REQUEST**