



Arihant
Empowering Farmers

Micronutrient Fertilizer

**"Boosting Growth,
Naturally"**



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AN ISO 9001 : 2015 & 14001 : 2015 CERTIFIED COMPANY



**Harvesting Success,
Empowering Farmers**



About **ARIHANT**

Arihant Group is a pathfinder committed to developing novel solutions that strengthen farmers' livelihoods and plant health alike. Our adventure began in 2000, at the start of a new millennium, with a basic desire to create sustainable advances in agriculture. The foundation of our efforts is innovation and science.

Our main objective is to provide long-term crop health solutions that will benefit current and future generations. Our own innovative processes have delivered pathbreaking products such as best-in-class NPK liquid and gel-based fertilizers, organic + NPK liquid fertilizers, and a range of exceptional agricultural products such as granules, micronutrient fertilizers, plant growth promoters, etc. Organic and biofertilizers, soil conditioners, biostimulants, biopesticides, and bio fungicides are just a few of the environmentally friendly goods we endorse. With unbreakable passion, we work to provide farmers with the best resources possible to help them overcome the obstacles facing the modern agricultural landscape.

In a time when farmers, merchants, and consumers all place a high value on sustainability, Arihant Group strives to provide biological products with exceptional levels of sustainability. Our products increase plant vitality and stimulate the soil microbiome by utilizing the potential of naturally occurring microbes and nutrients.

Our goal continues to be to develop agricultural inputs that provide our clients with significant financial returns in addition to observable environmental advantages. We enable growers to improve nutrient efficiency and soil quality by increasing crop output and quality.

At Arihant Group, we're not just focused on the here and now; we're also designing a sustainable agricultural future. Our products have the potential to increase crop output and quality while also giving growers more control over the quality and efficiency of their soil.

Our Vision & Mission

Vision

“To Empower Farmers and Their Crops to Sustainably Feed the World Today and in the Future.”



Mission

“To Be A Leader of Science-Driven Innovations Which Provide Proven Plant Health Solutions That Increase Crop Productivity While Respecting The Environment And Society”



Value

Our core values are driven by a desire to improve the richness and protection of crops through excellence and high standards of integrity.

- Excellence
- Sustainability
- Integrity
- Customer Focus
- Safety
- Innovation
- Community Engagement

STATEMENT FROM THE FOUNDERS OF THE COMPANY



Chairman: BHAVESH PATEL

Leading the company with the knowledge and expertise of 25 years in the industry. By implementing innovative techniques in agriculture, I aim to increase production while ensuring minimal impact on the soil. This approach not only benefits farmers by providing high-quality supplies but also contributes to environmental preservation. The main focus is on sustainable practices, fostering a commitment to eco-friendly production. By adopting cutting-edge methods, the company is poised to develop globally, creating a positive impact on both the industry and the environment.

Managing Director: NARENDRA PATEL

I've had the privilege of leading the Arihant Group of Industries for the past 20 years, during which our focus has been on creating sustainable solutions for agriculture. Our passion for empowering farmers and enhancing crop health shines through our unwavering commitment. We are driven by a vision to combat losses attributed to abiotic stress factors. Understanding the urgency of this issue, we are dedicated to implementing strategies that mitigate multiple stressors, including improved agronomic management. Our goal is to increase soil health by using less conventional fertilizers and adding organic materials to feed microorganisms. We work to provide solutions that improve crop tolerance to abiotic stress by combining cutting-edge methods and technology, ensuring higher yields and sustainable farming methods. We aim to boost crop productivity worldwide while maintaining affordability and environmental sustainability.



Company Milestones

2007-2008

ARIHANT CHEMICAL INDUSTRIES

Started manufacturing:

- Plant Growth Promoters
- NPK Water Soluble Fertilizers
- Micronutrient Fertilizers

Our plant growth promoters, NPK water-soluble fertilizers, and micronutrient fertilizers are formulated with organic compounds and beneficial microorganisms to enhance plant growth, provide essential nutrients, and promote overall plant health.

2008-2009

ARIHANT INORGANIC PROCESS Pvt Ltd

Started manufacturing for :

- Potassium Sulphate
- Magnesium Sulphate Anhydrous

These products are crucial for addressing nutrient deficiencies in soil, promoting healthier crop development, and improving overall agricultural productivity.

2009-2010

ARIHANT FERTILIZER CORPORATION UNIT - 1

Started manufacturing:

- Granule Fertilizer
- Soil Conditioner Fertilizer
- Organic Fertilizer

Granule fertilizer provides slow-release nutrients for plants, soil fertilizer rejuvenates soil, and organic fertilizer supports sustainable farming practices, minimizing environmental impacts.

2011-2012

ARIHANT AGRISCIENCE PVT. LTD

Started large-scale production of granule fertilizer

Started manufacturing:

- Bio Pesticide Granule
- Bio Fertilizer Granule
- Soil Conditioner Granule
- Organic Fertilizer

Introducing biopesticide granules, bio-fertilizer granules, soil conditioner granules, and organic fertilizer in one innovative solution for sustainable agriculture.

2012-2013

ARIHANT FERTILIZER CORPORATION UNIT: 2

Involved in the large-scale production of pesticides, fungicides, and insecticides.

2013-2014

ARIHANT BIOSCIENCE INDIA PVT LTD

We are revolutionizing agriculture with our state-of-the-art enzymatic manufacturing process, delivering high-quality enzymes for enhanced crop productivity and environmental sustainability.

Company Milestones

2017-2018

ANBR ELIXIR PVT LTD

With an eye on the global markets and a mission to take our pathbreaking products to the world, ANBR started export activities

Arihant Fertilizers Corporation Unit 1 has been merged with ANBR Elixir Pvt. Ltd

2016-2017

ARIHANT BIOFERTICHEM PVT LTD

Retail Marketing

Key partnerships with suppliers and distributors have been secured to ensure a steady supply chain through our retail sector

2015-2016

ARIHANT CHEMICAL INDUSTRIES

Started manufacturing for:

- Biofertilizers Liquid
- Biofertilizers Powder
- Biopesticides Liquid
- Biopesticides Powder
- Amino chelated micronutrients
- Chelated Fertilizers

Introducing a comprehensive line of eco-friendly agricultural solutions

2019-2020

ANBK SEEDS INDIA Pvt Ltd

Ventured into seed production, furthering our commitment to providing holistic agricultural solutions from seed to harvest.

2022-2023

ARIHANT GROUP OF INDUSTRIES

During this period, we acquired Unit 2 at ANBR Elixir Pvt. Ltd, paving the way for the expansion of our production capacity for slow-release fertilizers. This strategic move positions us to meet the anticipated increase in demand and reinforces our commitment to innovation and sustainability in agriculture

ANBR Elixir Pvt. Ltd Unit 2 Plans For Expansion Of Slow-Release Fertilizers

Manufactures:

- Diatomite Silicon Granual (For Export)
- Speciality Micronutrient Fertilizers
- Bio Fungicides
- Developed Organic+ Npk
- Liquid And Gel Fertilizers

2021-2022

ARIHANT GROUP OF INDUSTRIES

Launches: Science-driven slow-release fertilizers like

- NPK liquid fertilizer
- NPK gel fertilizer
- Liquid urea
- Specialty plant nutrition

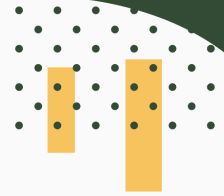
We have been awarded for

- Bharat Udyog Ratan Award For Outstanding Achievement
- Business Excellence Award: Asia Pacific Chamber Of Commerce

2023-2024

Developed the world's first innovation in Zinc-Related Fertilizers with N-46 Zincated Slow-Release Fertilizers, alongside the introduction of pH Balancer, continuing our legacy of pioneering agricultural solutions.

Arihant Group Of Industries



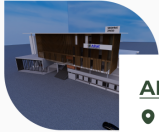
ARIHANT CHEMICAL INDUSTRIES

- Plot No. 5144, Nr. Prime Industries, Seven Water Tank Road, Paras Chowkdi, GIDC Estate, Ankleshwar - 393002, Gujarat, India



ARIHANT AGRI-SCIENCE PVT LTD

- Plot No. 227/5/1 And 2, Arihant Agri Science Pvt Ltd, Near Cheminova, GIDC Industrial Estate, Sanjali, Bharuch - 394116, Gujarat, India



ARIHANT BIO FERTICHEM PVT LTD

- 204, Sidhhraj Zavod, Sargasan, Gandhinagar - 382421 Gujarat (India)



ANBR ELIXIR PVT LTD

- Plot No.10008-3, ANBR ELIXIR PRIVATE LIMITED, NEAR BEIL, GIDC ANKLESHWAR, Ankleshwar GIDC, Bharuch - 393002, Gujarat, India



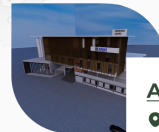
ARIHANT BIO SCIENCE PVT LTD

- PL-H-3136, FL- A/202, SWET RESIDENCY, PH-4, ANKLESHWAR Bharuch GJ 393002 IN



ARIHANT FOUNDATION

- Plot No. 5144, Nr. Prime Industries, Seven Water Tank Road, Paras Chowkdi, GIDC Estate, Ankleshwar - 393002, Gujarat, India



ANBK SEEDS PVT LTD

- 204, Sidhhraj Zavod, Sargasan, Gandhinagar - 382421 Gujarat (India)

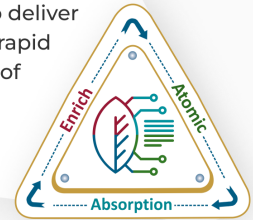


TECHNOLOGIES



EA² Technology

The Arihant group's EA2 technology coats fertilizer nutrients with polymer to deliver them directly to plants, providing rapid uptake and uniform translocation of nutrients.



S⁴ Technology

The Arihant group has developed S4 Technology that introduces nutrients to plants in a liquid gel form. It has long shelf-life, high concentrations, and prevents phase separation and sedimentation while keeping all components in suspension.



Research & Development



**One Of Our Strongest Driving Forces Is
Research-based innovative approach**

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2. Micro Nutrients Fertilizer

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A lush green tea plantation with rows of tea bushes stretching into the distance. The leaves are vibrant and healthy, and the overall atmosphere is serene and natural.

Cultivating a Greener Future



Chelated Fertilizer



Chelated Fertilizer

Zinc EDTA



Specifications :

Base	Free flowing Powder
Zinc content (Expressed as Zn) percent by weight, minimum in the form of Zn-EDTA	12.0%
pH (5% solution)	6.0-6.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Zinc-EDTA is a cutting-edge solution meticulously designed to meet the demanding needs of agricultural endeavours. With its exceptional purity, Zinc-EDTA guarantees swift and thorough dissolution, ensuring maximum efficacy in promoting crop health and yield.

Crafted to be dust-free, our product prioritizes user convenience and safety, minimizing any potential hazards during application. Its suitability for use spans from the delicate phase of early spring, crucial for laying the foundation of robust growth, to the pivotal period of fruit setting, where every nutrient is paramount for optimal yield. Furthermore, its application extends to post-harvest treatment, underscoring its versatility in supporting plants throughout their lifecycle.

The elevated Zinc concentration in our formula serves as a catalyst for plant vitality, stimulating the proliferation of new, resilient roots that anchor plants securely and facilitate efficient nutrient uptake. This abundance of Zinc nurtures the emergence of vigorous shoots, ensuring sturdy plant structures capable of withstanding environmental stressors.

Moreover, it promotes the development of abundant flower buds, setting the stage for prolific flowering and ultimately bountiful harvests. In essence, Zinc-EDTA embodies a commitment to excellence in agricultural innovation, providing growers with a reliable ally in their pursuit of superior crop quality and yield. Its unparalleled purity, ease of use, and efficacy make it an indispensable asset for fostering a thriving agricultural ecosystem.

Benefits Of Zinc EDTA :

Improves Root and Shoot Growth: Zinc-EDTA fosters robust root and shoot development, enhancing plant vigor and productivity.

100% Chelated Zinc: Our product ensures that Zinc remains fully chelated and available to plants, even in alkaline soils with pH levels up to 9, guaranteeing optimal nutrient uptake.

Versatile Application: Developed for foliar application, Zinc-EDTA is also compatible with fertigation systems, making it suitable for use in open fields and greenhouses, offering flexibility in application methods.

Gentle on Leaf Tissue: With a formulation gentle on leaf tissue, our product minimizes the risk of phytotoxicity, ensuring efficient nutrient absorption without harming plant health.

Organic Farming Compliance: Zinc-EDTA is compliant with Council Regulation (EC) 834/2007, making it suitable for use in organic farming practices, aligning with sustainable agricultural principles and environmental stewardship.

Chelated Fertilizer

Ferric EDTA



Specifications :

Base	Free flowing Powder
Zinc content (Expressed as Zn) percent by weight, minimum in the form of Zn-EDTA	12.0%
pH (5% solution)	6.0-6.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Iron-EDTA represents a pinnacle in iron fertilization, meticulously formulated to meet the stringent demands of modern agriculture. Boasting exceptional purity, our product ensures swift and thorough dissolution, guaranteeing efficient delivery of iron to plants for maximum efficacy.

Crafted to be dust-free, Iron-EDTA prioritizes user safety and convenience during application, minimizing any potential hazards. Its versatility shines through its recommendation for use at various phenological stages, addressing the dynamic needs of plants throughout their growth cycle. Whether it's during the crucial stages of vegetative growth, flowering, or fruiting, Iron-EDTA stands as a reliable partner in promoting optimal plant health and yield.

The elevated iron content in our formula serves as a catalyst for chlorophyll production, the lifeblood of photosynthesis. By bolstering chlorophyll levels, Iron-EDTA enhances the plant's ability to harness light energy, driving essential metabolic processes that fuel growth and development.

In essence, Iron-EDTA epitomizes a commitment to excellence in plant nutrition, providing growers with a potent tool to overcome iron deficiency and unlock the full genetic potential of their crops. Its unrivaled purity, versatility, and efficacy make it an indispensable asset in the quest for abundant harvests and sustainable agriculture.

Benefits Of Ferric EDTA :

Strong Apical Zone, Chlorosis-Free: Iron-EDTA fosters the development of a robust apical zone, ensuring vigorous growth and chlorosis-free foliage, indicative of optimal plant health and vitality.

100% Chelated Iron, pH Stability: With iron fully chelated, our product guarantees maximum availability to plants, even in acidic soils with pH levels up to 6. This stability ensures consistent nutrient uptake, combating chlorosis and promoting lush, green foliage.

Versatile Application Methods: Iron-EDTA is specifically designed for foliar application, offering growers a convenient and effective means to deliver essential nutrients directly to plant foliage. Additionally, its compatibility with fertigation systems enhances its versatility, making it suitable for use in both open fields and greenhouse environments.

Gentle on Leaf Tissue: Formulated to be soft on leaf tissue, Iron-EDTA minimizes the risk of phytotoxicity, allowing for efficient nutrient absorption without causing harm to plants. This gentle approach ensures optimal plant health and maximizes the effectiveness of the product.

Chelated Fertilizer

Manganese EDTA



Specifications :

Base	Free flowing Powder
Manganese content (Expressed as Mn) per cent by weight, minimum in the form of Mn-EDTA	13.0%
pH (5% solution)	6.0-6.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Manganese-EDTA represents a pinnacle in manganese fertilization, meticulously crafted to meet the exacting needs of modern agriculture. With its exceptional purity, our product ensures swift and thorough dissolution, guaranteeing the efficient delivery of manganese to plants for maximum effectiveness. Moreover, its dust-free formulation prioritizes user safety and convenience during application, minimizing potential hazards in handling.

Recommended for application from early spring until fruit setting, Manganese-EDTA plays a crucial role in bolstering photosynthesis, a fundamental process essential for robust plant growth and development. The abundant manganese content in our formula serves as a catalyst for key photosynthetic reactions, enhancing the production of vital carbohydrates and oxygen, thus sustaining plant vitality and productivity throughout the growing season.

Furthermore, Manganese-EDTA offers growers peace of mind with its compatibility across various agricultural practices. Whether applied through foliar spraying or incorporated into fertigation systems, our product ensures flexibility and ease of use in diverse cultivation environments, including open fields and greenhouses.

Manganese-EDTA stands as a beacon of innovation, empowering growers to cultivate thriving crops with enhanced photosynthetic activity and overall resilience. Its superior purity, ease of application, and efficacy make it an indispensable tool for maximizing crop yields and promoting sustainable agricultural practices.

Benefits Of Manganese EDTA :

Improves Leaf Color: Manganese-EDTA enhances leaf coloration, promoting vibrant and healthy foliage, which is indicative of robust plant health and vitality.

100% Chelated Manganese, pH Stability: With manganese fully chelated, our product ensures maximum availability to plants, even in alkaline soils with pH levels up to 9. This stability guarantees consistent nutrient uptake, supporting lush greenery and optimal growth.

Easy Handling and Application: Manganese-EDTA is designed for convenience, being easy to handle, dissolve, and apply. Its user-friendly nature simplifies the fertilization process, saving time and effort for growers.

Versatile Application Methods: Developed primarily for foliar application, our product is also compatible with fertigation systems. This versatility allows for flexible application in various cultivation environments, including open fields and greenhouses, catering to diverse agricultural practices.

Soft on Leaf Tissue: Formulated to be gentle on leaf tissue, Manganese-EDTA minimizes the risk of phytotoxicity. This attribute ensures that plants can efficiently absorb nutrients without experiencing damage, supporting overall plant health and vigor.

Organic Farming Compliance: Manganese-EDTA complies with Council Regulation (EC) 834/2007, making it suitable for organic farming practices. This certification reflects our commitment to sustainable agriculture and environmental stewardship, providing growers with an eco-friendly solution for enhancing crop productivity.

Chelated Fertilizer

Copper EDTA



Specifications :

Base	Free flowing Powder
Copper content (Expressed as Cu) per cent by weight, minimum in the form of Cu-EDTA	14.0%
pH (5% solution)	6.0-7.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Copper-EDTA stands as a beacon of excellence in micronutrient fertilization, meticulously crafted to meet the exacting standards of modern agriculture. Renowned for its exceptional purity, our product ensures rapid and thorough dissolution, guaranteeing the efficient delivery of copper to plants for maximum effectiveness. Moreover, its dust-free formulation prioritizes user safety and convenience during application, minimizing potential hazards associated with handling.

Recommended for application at various phenological stages, Copper-EDTA plays a vital role in bolstering plant health and vitality throughout the growth cycle. The abundance of copper in our formula serves as a catalyst for essential metabolic processes, particularly in chlorophyll production, a cornerstone of photosynthesis. By enhancing chlorophyll levels, Copper-EDTA promotes efficient energy capture and utilization, thus optimizing plant growth and development.

Furthermore, Copper-EDTA offers growers versatility and peace of mind with its compatibility across different cultivation practices. Whether applied through foliar spraying or incorporated into fertigation systems, our product ensures flexibility and ease of use in diverse agricultural settings, including open fields and greenhouses.

Copper-EDTA represents a paradigm shift in micronutrient fertilization, empowering growers to cultivate thriving crops with enhanced chlorophyll production and overall resilience. Its superior purity, ease of application, and efficacy make it an indispensable tool for maximizing crop yields and promoting sustainable agricultural practices.

Benefits Of Copper EDTA :

Cures Copper Deficiency: Copper-EDTA effectively addresses copper deficiency symptoms in plants, such as curled or stunted growth and the emergence of small, malformed leaves. By supplying an ample amount of copper, our product rectifies these symptoms, promoting healthy plant development and vitality.

100% Chelated Micronutrients, pH Stability: With micronutrients fully chelated, Copper-EDTA ensures their maximum availability to plants, even in acidic soils with pH levels up to 6. This stability guarantees consistent nutrient uptake, combating deficiencies and supporting robust growth.

Easy Handling and Application: Copper-EDTA is designed for user convenience, being easy to handle, dissolve, and apply. Its user-friendly nature simplifies the fertilization process, saving time and effort for growers while ensuring precise application.

Versatile Application Methods: Developed primarily for foliar application, our product is also compatible with fertigation systems, offering flexibility in application methods for various cultivation environments. Whether in open fields or greenhouses, Copper-EDTA caters to diverse agricultural practices.

Soft on Leaf Tissue: Formulated to be gentle on leaf tissue, Copper-EDTA minimizes the risk of phytotoxicity. This attribute ensures that plants can efficiently absorb nutrients without experiencing damage, promoting overall plant health and vigor.

Chelated Fertilizer

Magnesium EDTA



Specifications :

Base	Free flowing Powder
Magnesium content (Expressed as Mg) percent by weight, minimum in the form of Mg-EDTA	6.0%
pH (5% solution)	6.5-7.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Magnesium EDTA stands as an indispensable source of readily available magnesium, often hailed as the "powerhouse behind photosynthesis" due to its pivotal role in this vital process. Magnesium serves as a central component of the chlorophyll molecule, the pigment responsible for capturing light energy during photosynthesis. This essential nutrient plays a fundamental role in facilitating the conversion of carbon dioxide and water into carbohydrates, the building blocks of plant growth and development.

The significance of magnesium extends beyond photosynthesis, as it is also crucial for various metabolic processes within plants. Magnesium acts as a cofactor for numerous enzymes involved in carbohydrate metabolism, aiding in the synthesis and breakdown of sugars. This metabolic activity is essential for energy production and the utilization of nutrients, ultimately supporting overall plant vigor and health.

The application of Magnesium EDTA is associated with a rapid "green-up" of plants, attributed to its role in enabling photosynthesis and the subsequent production of chlorophyll. This green pigment not only imparts color to foliage but also plays a critical role in capturing light energy for the synthesis of organic compounds essential for plant growth.

In essence, Magnesium EDTA serves as a vital nutrient for plant growth and vitality, supporting key physiological processes such as photosynthesis and carbohydrate metabolism. Its rapid availability and essential role in chlorophyll synthesis make it an invaluable component in promoting lush, healthy vegetation and maximizing crop productivity.

Benefits Of Magnesium EDTA :

Magnesium EDTA is useful to correct crop deficiency of Magnesium (Mg) as and when appeared with foliar application and by drip.

Magnesium EDTA helps to increase photosynthesis activity of the plant and corrects deficiency of the Magnesium (Mg) in plants by increasing chlorophyll formation in the plants leaves and increases leaf size and canopy of the plant.

Magnesium EDTA aids in the activation of many plant enzymes needed for growth and contributes to protein synthesis.

Magnesium EDTA enhances the maturity of fruits.



Chelated Fertilizer

Calcium EDTA



Specifications :

Base	Free flowing Powder
Calcium content (Expressed as Ca) percent by weight, minimum in the form of Ca-EDTA	10.0%
pH (5% solution)	6.0–6.5%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Calcium EDTA, a stable and water-soluble metal chelate, finds widespread application in agriculture and horticulture as a micronutrient, primarily utilized to prevent and rectify copper deficiencies in plants. Its versatility extends to various agricultural practices, making it a valuable component in foliage fertilizers, trickle irrigation systems, and as an additive absorbed in NPK formulations.

The significance of Calcium EDTA lies in its ability to ensure healthy growth and development in plants, ultimately leading to maximum crop yield. By chelating calcium, this compound enhances the availability and uptake of copper, addressing deficiencies efficiently.

Moreover, Calcium EDTA aids in maintaining optimal physiological processes within plants, including cell wall formation, enzyme activation, and nutrient transport. This comprehensive support contributes to improved plant vigor, resilience to stressors, and overall crop productivity.

Calcium EDTA serves as an essential micronutrient, vital for ensuring robust plant growth, mitigating copper deficiencies, and maximizing agricultural yields across diverse cultivation practices.

Benefits Of Calcium EDTA :

Ca EDTA Improves the strength of the cell walls, resulting in improved shelf life and resistance to disease.

Ca EDTA improves the transportability of agriculture produce like fruits and flowers, thereby increasing its commercial value.

Ca EDTA being chelated is inert and keeps the vital calcium readily available to plants without permitting the normal chemical interactions that occur in the soil and within plant tissues.

Chelated Fertilizer

Mix Micro Nutrients EDTA Powder



Specifications :

Base	Free flowing Powder
Zinc Chelated %	As Per State Grade
Ferrous Chelated %	As Per State Grade
Manganese Chelated %	As Per State Grade
Copper Chelated %	As Per State Grade
Boron%	As Per State Grade
Molybdenum %	As Per State Grade

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Chelated micronutrients represent a finely crafted blend of essential mineral elements vital for the health and productivity of a wide array of crops. Comprising zinc (Zn), copper (Cu), manganese (Mn), iron (Fe), boron (B), and molybdenum (Mo), these micronutrients play a crucial role in nurturing horticultural crops, as well as cereals, pulses, oilseeds, spices, and plantation crops. Despite their low demand compared to macronutrients, the absence or deficiency of micronutrients can significantly impede critical plant functions, leading to deformities, reduced yields, and stunted growth.

Micronutrients are indispensable for plant growth and development, serving as catalysts for various biochemical reactions within plants. They participate in processes such as photosynthesis, enzyme activation, and nutrient uptake, contributing to the overall health and vigor of crops.

Furthermore, micronutrients are essential for maintaining proper crop nutrition balance, ensuring that plants have access to all the elements necessary for optimal growth and productivity.

In essence, chelated micronutrients play a vital role in sustaining global agriculture by addressing the nuanced nutritional needs of diverse crops, ultimately enhancing yields, quality, and resilience to environmental stressors.

Benefits Of Mix Micro Nutrients EDTA Powder :

Zinc (Zn): Crucial for maintaining plant hormone balance and auxin activity, zinc is indispensable for promoting vigorous growth and supporting cell division. It plays a vital role in the production of grain husks, essential for crop yield and quality.

Iron (Fe): Iron is intricately involved in chlorophyll synthesis, ensuring the vibrant green coloration of leaves and enabling efficient photosynthesis. Additionally, it is essential for maintaining the structural integrity and function of chloroplasts, the powerhouse of plant cells, and supports various enzyme functions critical for plant metabolism.

Manganese (Mn): Manganese serves as a cornerstone in numerous biological processes, including photosynthesis, respiration, and nitrogen assimilation. It aids in root cell elongation, promoting healthy root systems, and enhances plants' resistance to root pathogens, ensuring overall plant vigor.

Copper (Cu): Copper stimulates enzymes necessary for photosynthesis, facilitating the efficient conversion of light energy into chemical energy, vital for plant growth and productivity.

Boron (B): Boron is essential for flowering and fruit development, ensuring the production of quality blooms and promoting uniform ripening processes. It plays a crucial role in sugar transport, cell division, and amino acid production, fundamental for overall plant growth and reproductive success.

Molybdenum (Mo): Molybdenum deficiency symptoms mimic those of nitrogen deficiency, resulting in chlorosis of young and old leaves. It is integral to nitrogen metabolism and various enzyme reactions, ensuring proper nutrient utilization and plant health.

Chelated Fertilizer

Mix Micro Nutrients EDTA Liquid



Specifications :

Base	Liquid
Zinc Chelated %	As Per State Grade
Ferrous Chelated %	As Per State Grade
Manganese Chelated %	As Per State Grade
Copper Chelated %	As Per State Grade
Boron%	As Per State Grade
Molybdenum %	As Per State Grade

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Chelated micronutrients constitute a finely balanced amalgamation of essential mineral elements including Zinc (Zn), Copper (Cu), Manganese (Mn), Iron (Fe), Boron (B), and Molybdenum (Mo). These micronutrients are vital for nurturing a diverse range of crops, spanning horticultural produce to cereals, pulses, oilseeds, spices, and plantation crops.

Despite their relatively low demand compared to macronutrients, the absence or deficiency of micronutrients can profoundly impact critical plant functions. Without adequate micronutrient availability, plants may exhibit deformations, experience diminished growth, and yield lower harvests.

Micronutrients play a pivotal role in plant growth and development, contributing to balanced crop nutrition and ensuring optimal physiological processes. Their judicious application is essential for maintaining plant health, enhancing crop productivity, and ultimately sustaining global food security.

Benefits Of Mix Micro Nutrients EDTA Liquid :

Chelated Zn is crucial for plant hormone balance and auxin activity and it is vital for growth, a division of cell and production of husks of grains.

Chelated Fe is involved in the synthesis of chlorophyll, and it is essential for the maintenance of chloroplast structure and function. It is also necessary for some enzyme functions in many plants

Chelated Mn of oxiguardis used in plants as a major contributor to various biological systems including photosynthesis, respiration, and nitrogen assimilation. It is also involved in root cell elongation and resistance to root pathogens.

Chelated Cu stimulates enzymes required for photosynthesis.

Boron enhances flowering blooms and develops uniform ripening process and it is essential in sugar transport, Cell division, and amino acid production.

Molybdenum deficiency is similar to those of ordinary nitrogen deficiency – general chlorosis (yellowing) of young plants, chlorosis of oldest leaves.

Chelated Fertilizer

Amino Chelated Mix Micro Nutrients Liquid



Specifications :

Base	liquid
Zinc Amino Chelated %	As Per State Grade
Ferrous Amino Chelated	As Per State Grade
Manganese Amino Chelated %	As Per State Grade
Copper Amino Chelated %	As Per State Grade
Boron Amino Chelated%	As Per State Grade
Molybdenum Amino Chelated%	As Per State Grade

Packing :

200 ltr HDPE Berral

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Chelation is a process where the metals are turned into metal compounds which are easily taken up, and are beneficial for the crop and their growth. Micronutrient fertilizers (The series of Complete Amino Acids Chelated Micronutrient Fertilizer Mixture) available in liquid form which contain almost all Micronutrients in a balanced proportion.

It contains Zinc (Zn), Copper (Cu), Manganese (Mn), Iron (Fe), Boron (B), Molybdenum (Mo). Mineral elements nurture horticultural crops and also crops of cereals, pulses, oilseeds, spices, and plantation. In spite of the low demand, critical plant functions are hindered if micronutrients are unavailable, which results in plant deformations, lower yield, and diminished growth. Micronutrients are crucial for plant growth and play an important role in balancing crop nutrition.

Benefits Of Amino Chelated Mix Micro Nutrients Liquid :

It provides organic nitrogen along with micronutrients in chelated form, helps quick & easy absorption by the crop
 It plays an active role in respiratory function and helps to overcome stress conditions
 It helps to boost up energy metabolism in the plant
 It provides a ready-made & easily assimilable source of nutrition.
 It helps in pollination & fruit formation
 It helps to activate Phytohormone & other growth substances in the crop
 It increases chlorophyll content & boosts photosynthetic activity.
 It is useful to maximize the growth & yield of crops by correcting

Zn is crucial for plant hormone balance and auxin activity and it is vital for growth, a division of cells, and production of husks of grains. Fe is involved in the synthesis of chlorophyll, and it is essential for the maintenance of chloroplast structure and function. It is also necessary for some enzyme functions in many plants.

Mn is used in plants as a major contributor to various biological systems including photosynthesis, respiration, and nitrogen assimilation. It is also involved in root cell elongation and resistance to root pathogens.

Cu stimulates enzymes required for photosynthesis.

Boron enhances flowering blooms and develops a uniform ripening process and it is essential in sugar transport, Cell division, and amino acid production.

Molybdenum deficiency is similar to those of ordinary nitrogen deficiency – general chlorosis (yellowing) of young plants, chlorosis of oldest leaves.

Chelated Fertilizer

Amino Chelated Mix Micro Nutrients Powder

Description :

Chelation is a process where the metals are turned into metal compounds which are easily taken up, and are beneficial for the crop and their growth. Micronutrient fertilizers (The series of Complete Amino Acids Chelated Micronutrient Fertilizer Mixture) available in powder form which contain almost all Micro nutrients in a balanced proportion.

It contains Zinc (Zn), Copper (Cu), Manganese (Mn), Iron (Fe), Boron (B), Molybdenum (Mo). Mineral elements nurture horticultural crops and also crops of cereals, pulses, oilseeds, spices, and plantation. In spite of the low demand, critical plant functions are hindered if micronutrients are unavailable, which results in plant deformations, lower yield, and diminished growth. Micronutrients are crucial for plant growth and play an important role in balancing crop nutrition.

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 It plays an active role in respiratory function and helps to overcome stress conditions
 It helps to boost up energy metabolism in the plant
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 It increases chlorophyll content & boosts the photo synthetic activity.
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Mn is used in plants as a major contributor to various biological systems including photosynthesis, respiration, and nitrogen assimilation. It is also involved in root cell elongation and resistance to root pathogens.

Cu stimulates enzymes required for photosynthesis.

Boron enhances flowering blooms and develops uniform ripening process and it is essential in sugar transport, Cell division, and amino acid production.

Mo deficiency is similar to those of ordinary nitrogen deficiency – general chlorosis (yellowing) of young plants, chlorosis of oldest leaves.



Specifications :

Base	Free-flowing Powder
Zinc Amino Chelated %	As Per State Grade
Ferrous Amino Chelated	As Per State Grade
Manganese Amino Chelated %	As Per State Grade
Copper Amino Chelated %	As Per State Grade
Boron Amino Chelated%	As Per State Grade
Molybdenum Amino Chelated%	As Per State Grade

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops



Planting Prosperity



Micro Nutrients

Micro Nutrients Fertilizer

Zinc Sulphate Hepta Hydrate

Description :

Micronutrients play a critical role in ensuring optimal crop growth and productivity, with Zinc Sulphate emerging as a key player in this regard. Containing 21% zinc, this compound serves as an indispensable component of various enzyme systems crucial for energy production, protein synthesis, and growth regulation within plants. Zinc's influence on photosynthesis is particularly noteworthy, as it directly impacts the efficiency of this vital process, thus affecting overall plant vigor and productivity.

Furthermore, zinc plays a pivotal role in the reproductive phase of flowering plants, being essential for flower production, fruit set, and seed development. Its presence is integral to processes such as pollen formation, pollen tube elongation, and embryo development, all of which are essential for successful reproduction and yield formation.

The significance of zinc is further underscored by the widespread deficiency of this micronutrient in Indian soils, with nearly half of the soils exhibiting insufficient zinc levels. This deficiency poses a significant challenge to agricultural productivity, as deficiencies of zinc can have profoundly detrimental effects on cultivated crops.

Among all secondary and micronutrients, zinc deficiencies are particularly devastating, leading to stunted growth, reduced yields, and compromised crop quality. Therefore, the judicious application of zinc fertilizers like Zinc Sulphate is paramount to mitigate these deficiencies and ensure optimal crop performance and agricultural sustainability.

Benefits Of Zinc Sulphate Hepta Hydrate :

Zinc Sulphate Heptahydrate supplies zinc, which is an essential component of various enzyme systems for energy production, protein synthesis and growth regulation.

Zinc Sulphate Heptahydrate supplies zinc, which contributes towards chlorophyll synthesis thereby increasing photosynthetic activity.

Zinc Sulphate Heptahydrate supplies Sulphur, another essential plant nutrient required for synthesis of two essential amino acids.

Zinc sulphate promotes lush growth of healthy green leaves.

Zinc sulphate reduces withering and patches, it stops the formation of abnormally small leaves. It increases the plant's resistance to diseases and boosts growth rate.

Zinc sulphate is a proven product that substantially accelerates the yield. It also reduces the intensity of chlorosis, flower, and fruit drop.

Zinc sulphate also helps in the growth of crop shoots and the formation of grains and fruits in a faster way.



Specifications :

Base	Crystalline Powder
Zinc (as Zn) percent by weight, minimum	21.0%
Sulphate sulphur (as S) percent by weight, minimum	10.0%
pH (5% solution) not less than	4.0%

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Micro Nutrients Fertilizer

Zinc Sulphate Mono Hydrate



Specifications :

Base	Free flowing Powder
Zinc (as Zn) percent by weight, minimum	33.0%
Sulphate sulphur (as S) percent by weight, minimum	15.0%
pH (5% solution) not less than	4.0%

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Micronutrients play a pivotal role in fostering robust crop growth and enhancing productivity. Zinc Sulphate, comprising 33% zinc, emerges as a crucial contributor to this endeavor. Zinc serves as an indispensable component of numerous enzyme systems pivotal for energy production, protein synthesis, and growth regulation within plants.

Its influence on photosynthesis is particularly pronounced, impacting the efficiency of this fundamental process crucial for plant vigor and productivity.

The significance of zinc extends to the reproductive phase of flowering plants, where it is imperative for flower production, fruit set, and seed development. Its involvement in essential processes such as pollen formation and embryo development underscores its indispensable role in ensuring successful reproduction and yield formation.

Despite its importance, nearly half of Indian soils suffer from zinc deficiency, posing a significant challenge to agricultural productivity. Among all secondary and micronutrients, zinc deficiencies exert a particularly devastating impact on cultivated crops. This deficiency can lead to stunted growth, reduced yields, and compromised crop quality.

The judicious application of zinc fertilizers like Zinc Sulphate is paramount to address these deficiencies and ensure optimal crop performance and agricultural sustainability. By rectifying zinc deficiencies, farmers can mitigate the adverse effects on crop growth and productivity, ultimately contributing to food security and economic prosperity.

Benefits Of Zinc Sulphate Monohydrate :

Essential Zinc Supply: Zinc Sulphate Monohydrate provides a crucial source of zinc, vital for oxidation reactions, carbohydrate metabolism, sugar utilization, and the synthesis of growth-promoting compounds like Auxins. These processes are essential for overall plant growth and development.

Ease of Application: Being free-flowing, Zinc Sulphate Monohydrate is easy to apply, ensuring convenient and uniform distribution across the soil or through foliar spraying, facilitating efficient uptake by plants.

Lower Dosage Requirement: Compared to Zinc Sulphate Heptahydrate, Zinc Sulphate Monohydrate requires lower dosages to meet the plant's zinc requirements, making it a cost-effective option for growers.

Promotes Healthy Foliage: Zinc Sulphate encourages lush growth of healthy green leaves, essential for maximizing photosynthesis and overall plant vitality.

Disease Resistance: Its application reduces instances of withering, patches, and the formation of abnormally small leaves, thereby enhancing the plant's resistance to diseases and pathogens, resulting in improved growth rates and healthier crops.

Yield Accelerator: Proven to substantially increase crop yield, Zinc Sulphate also mitigates issues like chlorosis, flower, and fruit drop, ensuring a more bountiful harvest and higher profitability for farmers.

Enhanced Shoot Growth and Fruit Formation: By aiding in the growth of crop shoots and facilitating the formation of grains and fruits at an accelerated pace, Zinc Sulphate contributes to more efficient crop development and higher production rates.

Micro Nutrients Fertilizer

Ferrous Sulphate



Specifications :

Base	Crystals
Ferrous iron (as Fe) percent by weight, minimum	19.0%
Sulphate sulphur (as S) percent by weight, minimum	10.5%
pH (5% solution) not less than	3.5%

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Iron stands as one of the indispensable 17 essential elements for plant health, frequently employed across lawn, turf, and landscape environments. Ferrous Sulfate fertilizer finds common usage in rectifying Chlorosis, a condition marked by the yellowing of leaves, by replenishing iron levels.

Within plants, iron plays multifaceted roles, contributing to vital processes such as photosynthetic electron transport, respiration, chlorophyll synthesis, and various enzymatic reactions. Its pivotal involvement in chlorophyll formation and photosynthesis underscores its significance in enhancing greening without triggering excessive plant growth.

By bolstering chlorophyll levels, iron fosters improved light absorption and utilization, thereby enhancing the overall vigor and aesthetic appeal of plants without stimulating undue vegetative development. This targeted application of iron fertilizers ensures not only the correction of nutrient deficiencies but also the promotion of healthy and visually appealing foliage in landscapes and lawns.

Benefits Of Ferrous Sulphate :

Single Micronutrient Ferrous 19%: This fertilizer contains a significant 19% iron concentration, serving as a vital micronutrient crucial for plant health and productivity.

Promotion of Photosynthesis and Carbohydrate Breakdown: Iron's presence facilitates photosynthesis and aids in the breakdown of carbohydrates, essential processes for energy production and plant growth.

Normal Growth and High-Quality Yields: Ensures the normal growth of crops and promotes the production of high-quality yields, making it suitable for use across all crops.

Recommended for Iron Deficiency: Recommended for use in all crops and plants experiencing iron deficiency to rectify nutrient imbalances and support healthy growth.

Combat Against Pests and Fungus: The presence of sulfur in this fertilizer aids in fighting against pests and fungus, enhancing plant health and resilience.

Water Soluble Crystals: Its water-soluble crystal form ensures easy application and efficient absorption by plants.

Essential for Chlorophyll Production: Iron is essential for chlorophyll production, vital for photosynthesis and overall plant vigor.

Promotion of Energy Transfers: Facilitates energy transfers within plants, supporting metabolic processes and growth.

Enzyme System for Plant Respiration: Part of the enzyme system necessary for plant respiration, ensuring efficient utilization of energy.

Formation of Proteins: Required for the formation of certain proteins, essential for various physiological functions in plants.

Promotion of Healthy Growth: Overall, this fertilizer promotes healthy growth in plants, contributing to robust development and improved resilience against environmental stressors.

Micro Nutrients Fertilizer

Magnesium Sulphate



Specifications :

Base	Crystals
Magnesium (as Mg) per cent by weight, minimum	9.5%
Sulphate sulphur (as S) percent by weight, minimum	12.0%
pH (5% solution) not less than	5.0/8.0%

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Magnesium Sulphate, commonly known as Epsom salt, emerges as a cornerstone in plant nutrition, offering a readily available source of magnesium, a mineral widely acknowledged as the "powerhouse behind photosynthesis." This essential element plays a pivotal role in plant growth and health by facilitating the metabolism of carbohydrates, a fundamental process for energy production and overall metabolic functions within plants.

The significance of magnesium in plant physiology becomes evident in its association with photosynthesis, the life-sustaining process by which plants convert light energy into chemical energy. Magnesium's presence is indispensable for the synthesis of chlorophyll, the green pigment responsible for capturing light energy during photosynthesis. As a result, the application of Magnesium Sulphate is closely linked with a rapid "green-up" of plants, signifying enhanced chlorophyll production and photosynthetic activity.

Furthermore, magnesium's role extends beyond chlorophyll formation; it is involved in numerous enzymatic reactions essential for plant growth and development. Its deficiency can lead to stunted growth, leaf yellowing, and diminished yields. By providing a readily available source of magnesium, Magnesium Sulphate ensures optimal plant nutrition, fostering vigorous growth, improved health, and enhanced productivity in a wide range of crops and plants.

Benefits Of Magnesium Sulphate :

Enzyme Systems and Growth Regulation: Magnesium Sulphate serves as an indispensable component of various enzyme systems critical for energy production, protein synthesis, and growth regulation within plants. Its presence activates essential enzymes necessary for catalyzing biochemical reactions vital for plant growth and development.

Enhanced Chlorophyll Content and Photosynthesis: By improving chlorophyll content and enhancing photosynthetic efficiency, Magnesium Sulphate plays a pivotal role in maximizing the plant's ability to capture and utilize light energy, thereby promoting robust growth and vigor.

Activation of Plant Enzymes: Magnesium Sulphate activates numerous plant enzymes required for growth and development processes, ensuring optimal physiological functioning and metabolic activities.

Versatile Application Methods: Suitable for both fertigation and foliar application, Magnesium Sulphate offers flexibility in its usage, allowing for efficient nutrient uptake and assimilation by plants.

Sulphur Content Benefits: Additionally, the sulphur content in Magnesium Sulphate contributes to obtaining quality oils in oilseeds and facilitates nodule formation in leguminous crops, further enhancing their productivity and nutritional value.

Micro Nutrients Fertilizer

Boron 20%



Specifications :

Base	Free flowing Powder
Boron (as B) per cent by weight, minimum	20.0%

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Boron's multifaceted role in plant physiology underscores its indispensability beyond merely facilitating calcium uptake. In addition to this crucial function, boron plays a pivotal role in regulating the delicate balance between sugar and starch within plants, facilitating the efficient translocation of sugars and carbohydrates throughout various plant tissues. Moreover, boron's involvement in pollination and seed production highlights its significance in ensuring reproductive success and sustaining plant populations.

Furthermore, boron serves as a necessary ingredient for numerous fundamental processes, including normal cell division, nitrogen metabolism, and protein formation. Its presence is vital for orchestrating proper growth and development, ensuring the maintenance of healthy cellular structures and functions.

By participating in these essential biochemical pathways, boron contributes to overall plant health, vigor, and productivity, thereby underscoring its critical role in agricultural systems and the cultivation of high-yielding, healthy crops.

Benefits Of Boron 20% :

New Cell Formation and Root Development: Boron plays a vital role in facilitating new cell formation and promoting healthy root development, crucial for overall plant growth and vigor.

Formation of Protein and Amino Acids: Boron is essential for the synthesis of proteins and amino acids, which are building blocks for various plant structures and metabolic processes.

Increased Flower and Fruit Production: Adequate boron levels result in an increased number of flowers and fruits, enhancing reproductive success and crop yield.

Ensured Growth and High Yield: Boron contributes to the overall growth and development of crops, ensuring optimal yield across various plant species.

Maintenance of Green and Healthy Plants: By promoting chlorophyll production and photosynthesis, boron helps keep plants green and healthy, vital for their vitality and productivity.

Symptoms of Boron Deficiency: Boron deficiency manifests in various symptoms, including misshapen, small, thick, and brittle leaves, dying growing points, watery patches in storage tissues, irregular and misshapen fruit development, and impaired root growth. These symptoms highlight the critical role of boron in maintaining plant health and function.

Micro Nutrients Fertilizer

Boron 15%



Specifications :

Base	Free flowing Powder
Boron (as B) percent by weight, minimum	15.0%

Packing :

25 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Boron serves as more than just a conduit for calcium uptake in plants; its multifaceted roles encompass critical functions essential for overall plant health and development. Beyond its pivotal role in calcium transport, boron is indispensable for maintaining a delicate equilibrium between sugar and starch levels within plants, facilitating the efficient translocation of these vital carbohydrates throughout various tissues.

Additionally, boron plays a crucial role in pollination and seed production, ensuring successful reproductive processes vital for plant propagation and genetic continuity. Moreover, boron is a necessary component for fundamental cellular processes such as normal cell division, nitrogen metabolism, and protein formation.

Its presence is essential for orchestrating the intricate biochemical pathways involved in sustaining plant growth, vigor, and productivity. By participating in these diverse physiological processes, boron underscores its significance as a fundamental micronutrient essential for the optimal functioning and overall well-being of plants in agricultural ecosystems.

Benefits Of Boron 15% :

New Cell Formation and Root Development: Boron facilitates the formation of new cells and supports healthy root development, crucial for establishing robust plant structures and efficient nutrient uptake.

Formation of Protein and Amino Acids: Boron is essential for protein and amino acid synthesis, playing a key role in building blocks for plant tissues and metabolic processes vital for growth and development.

Increased Flower and Fruit Production: Adequate boron levels contribute to a higher number of flowers and fruits, promoting enhanced reproductive success and ultimately leading to improved crop yield.

Ensured Growth and High Yield: Boron ensures the overall growth and development of crops, fostering optimal conditions for maximum yield across diverse plant species.

Maintenance of Green and Healthy Plants: By promoting chlorophyll production and photosynthesis, boron helps to keep plants green and healthy, vital for their vitality and productivity in agricultural settings.

Micro Nutrients Fertilizer

Mix Micro Nutrients Powder



Specifications :

Base	Crystalline Powder
Zinc %	As Per State Grade
Ferrous%	
Manganese%	As Per State Grade
Copper%	As Per State Grade
Boron%	As Per State Grade
Molybdenum%	As Per State Grade

Packing :

50 Kgs HDPE Bags

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Micronutrients, comprising Zinc, Copper, Manganese, Iron, Boron, and Molybdenum, constitute an essential aspect of plant nutrition, crucial for the optimal growth and development of various crops. These mineral elements play a fundamental role in nurturing horticultural crops, cereals, pulses, oilseeds, spices, and plantation varieties, ensuring their health and productivity.

Despite their low demand compared to macronutrients, micronutrients are indispensable for maintaining critical plant functions. Their absence can lead to detrimental consequences such as plant deformations, reduced yield, and stunted growth. Micronutrients act as catalysts for biochemical reactions within plants, regulating various metabolic processes vital for growth and vitality.

Therefore, a balanced supply of micronutrients is essential to address deficiencies and optimize crop nutrition, thereby promoting healthier, more resilient plants capable of withstanding environmental stresses and achieving optimal yields.

Benefits Of Mix Micro Nutrients Powder :

Zn is crucial for plant hormone balance and auxin activity and it is vital for growth, a division of cell and production of husks of grains.

Fe is involved in the synthesis of chlorophyll, and it is essential for the maintenance of chloroplast structure and function. It is also necessary for some enzyme functions in many plants

Mn of oxiguardis used in plants as a major contributor to various biological systems including photosynthesis, respiration, and nitrogen assimilation. It is also involved in root cell elongation and resistance to root pathogens.

Cu stimulates enzymes required for photosynthesis.

Boron enhances flowering blooms and develops uniform ripening process and it is essential in sugar transport, Cell division, and amino acid production.

Mo deficiency is similar to those of ordinary nitrogen deficiency – general chlorosis (yellowing) of young plants, chlorosis of oldest leaves.

Micro Nutrients Fertilizer

Mix Micro Nutrients Liquid



Specifications :

Base	Crystalline Liquid
Zinc %	As Per State Grade
Ferrous%	As Per State Grade
Manganese%	As Per State Grade
Copper%	As Per State Grade
Boron%	As Per State Grade
Molybdenum%	As Per State Grade

Packing :

200 ltr HDPE Barrel

Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

Recommended Crops :

For All crops

Description :

Micronutrients, including Zinc, Copper, Manganese, Iron, Boron, and Molybdenum, constitute a vital aspect of plant nutrition, essential for the optimal growth and development of various crops. These mineral elements form a fine blend that nurtures not only horticultural crops but also cereals, pulses, oilseeds, spices, and plantation varieties, ensuring their health and productivity.

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Benefits Of Mix Micro Nutrients Liquid :

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