



**Arihant**  
Empowering Farmers

## NPK Fertilizer

"Fueling Healthy Growth!"



+91 74900 01417  
+91 93743 61414



info@anbr.in

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

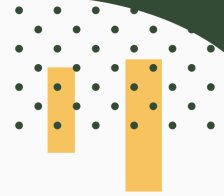
We have been awarded for

- 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



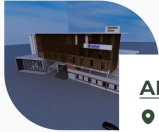
## ARIHANT CHEMICAL INDUSTRIES

- 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



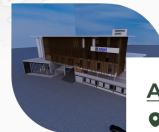
## ARIHANT BIO SCIENCE PVT LTD

- 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)



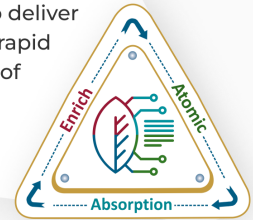


# TECHNOLOGIES



## EA<sup>2</sup> 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.



## S<sup>4</sup> 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**

# Product Index

## 1. Water Soluble Fertilizer

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**The Backbone of Sustainability**



# Water Soluble Fertilizer

100% Water soluble Fertilizer

## NPK 19:19:19



### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	1.5%
Total Nitrogen per cent by weight, min.	19.0%
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ) per cent by weight, min.	19.0%
Potassium (as K <sub>2</sub> O) per cent by weight, min.	19.0%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's NPK 19:19:19 is a high-quality, water-soluble fertilizer formulated to enhance fertigation efficiency. In its crystalline powder form, it dissolves completely in water, ensuring the swift release of essential nutrients—nitrogen, phosphorus, and potassium—directly at the plant's root zone. This ensures rapid absorption and utilization throughout the plant system, promoting vigorous growth and robust development.

The NPK 19:19:19 blend is free of chloride, making it safe and suitable for a wide range of crops. This fertilizer can be effectively applied through fertigation, delivering nutrients directly via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves.

By providing a balanced supply of macro and essential nutrients, Arihant Group's NPK 19:19:19 supports optimal plant health, boosts yields, and enhances overall crop quality, making it a preferred choice for modern agricultural practices.

### Benefits Of NPK 19:19:19 :

**Starter Grade Fertilizer:** This formulation serves as an excellent starter fertilizer for crops.

**Comprehensive Nitrogen Source:** Provides nitrogen in all three essential forms—amide, ammoniacal, and nitrate.

**Balanced Macronutrient Supply:** Ensures crops receive the necessary nitrogen (N), phosphorus (P), and potassium (K) for their primary nutrition requirements.

**Enhanced Growth:** Promotes robust root development and vigorous shoot growth.

**Increased Crop Vigor:** Boosts overall plant health, enabling farmers to grow strong and healthy crops.

**Versatile Application:** Suitable for meeting the NPK needs of a variety of crops.

**Optimal Results:** As a water-soluble fertilizer, it delivers the best outcomes when applied through drip irrigation or foliar application.

**Economic Benefits:** Reduces farming expenses, thereby increasing farmers' net income.

100% Water soluble Fertilizer

## NPK 13:40:13



### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	1.5%
Total Nitrogen per cent by weight, min.	13.0%
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ) per cent by weight, min.	40.0%
Potassium (as K <sub>2</sub> O) per cent by weight, min.	13.0%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's NPK 13:40:13 is a premium, water-soluble fertilizer designed to enhance fertigation efficiency. In its crystalline powder form, it dissolves completely in water, facilitating the swift release of essential nutrients—nitrogen, phosphorus, and potassium—directly at the root zone. This ensures rapid absorption and utilization throughout the plant system, promoting healthy growth and robust development.

The NPK 13:40:13 blend is free of chloride, making it safe and suitable for a wide range of crops. This balanced fertilizer is particularly effective in supplying a high phosphorus content, which is crucial for root development and flowering. It can be applied efficiently through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves.

By providing a balanced supply of macro and essential nutrients, Arihant Group's NPK 13:40:13 supports optimal plant health, enhances crop yield, and improves overall crop quality, making it an ideal choice for modern agricultural practices.

### Benefits Of NPK 13:40:13 :

**Balanced Nutrient Composition:** Contains nitrogen (N), phosphorus (P), and potassium (K) with a relatively higher content of phosphorus.

**Optimal Ratio:** Formulated in a 1:3:1 ratio, providing a balanced supply of essential nutrients.

**Enhanced Root Development:** Promotes crop growth by stimulating new root development.

**Improved Flowering and Fruiting:** Reduces flower drop, increases fruit setting, and enhances yield and quality of the produce.

**Targeted Application:** Especially useful during early flowering, early fruit formation, and fruit development stages, where crops require more phosphorus along with lesser amounts of nitrogen and potassium.

**Economic Benefits:** Farmers benefit from higher yields and better quality produce, resulting in higher returns.

100% Water soluble Fertilizer

## NPK 13:00:45



### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	0.5%
Total Nitrogen per cent by weight, min.	13.0%
Potassium (as K <sub>2</sub> O) per cent by weight, min.	45.0%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's NPK 13:00:45 is a high-quality, water-soluble potassium nitrate fertilizer designed to optimize fertigation. In its crystalline form, it dissolves completely in water, ensuring the efficient release of essential nutrients—nitrogen (N) and potassium (K)—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development.

The NPK 13:00:45 blend is chloride-free, making it safe and suitable for a wide range of crops. This fertilizer is particularly effective in providing a high potassium content, which is crucial for improving fruit quality and increasing resistance to stress. It can be applied through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves. By offering a balanced supply of macro and essential nutrients, Arihant Group's NPK 13:00:45 supports optimal plant health and boosts crop yield and quality.

### Benefits Of NPK 13:00:45 :

**Nutrient Composition:** Potassium nitrate contains nitrate nitrogen and water-soluble potash.

**Stress Resistance:** Helps crops resist abiotic stress situations.

**Stage-Specific Use:** Especially useful at the post-bloom and physiological maturity stages.

**Enhanced Plant Functions:** Aids in the assimilation, translocation, and formation of sugars.

**Economic Benefits:** Farmers benefit from higher yields and better quality produce, resulting in higher returns.





## Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	0.5%
Total Nitrogen per cent by weight, min.	12.0%
Potassium (as K <sub>2</sub> O) per cent by weight, min.	61.0%

## Packing :

25 Kgs HDPE Bags

## Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

## Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

100% Water soluble Fertilizer

# NPK 12:61:00

**Arihant**  
Empowering Farmers



## Description :

Arihant Group's NPK 12:61:00 is a superior, water-soluble mono ammonium phosphate fertilizer designed to enhance fertigation efficiency. This crystalline fertilizer dissolves completely in water, ensuring that essential nutrients—nitrogen (N) and phosphorus (P)—are quickly released at the root zone. This rapid release facilitates effective absorption and distribution throughout the plant system, promoting healthy and robust growth.

The high phosphorus content of the NPK 12:61:00 blend is crucial for root development and early plant growth stages. Additionally, being chloride-free, it is safe and suitable for a wide variety of crops. This versatile fertilizer can be applied through fertigation, delivering nutrients directly via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves.

By providing a balanced supply of macro and essential nutrients, Arihant Group's NPK 12:61:00 supports optimal plant health, enhances crop yield, and improves the overall quality of the produce, making it an ideal choice for modern agricultural practices.

## Benefits Of NPK 12:61:00 :

**Mono Ammonium Phosphate:** Contains mono ammonium phosphate.

**Nutrient Composition:** Low in nitrogen but rich in phosphorus.

**Root and Botanical Development:** Supports the development of new roots and faster botanical growth.

**Reproductive Growth:** Promotes proper growth of reproductive parts and enhances fertility.

**Increased Yields:** Reduces decline in flowering and prevents excess fruit drop, resulting in higher yields.

**Economic Benefits:** Leads to increased income for farmers due to better crop yields and quality.

100% Water soluble Fertilizer

## NPK 00:52:34



### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	0.5%
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ) per cent by weight, min.	52.0%
Potassium (as K <sub>2</sub> O) per cent by weight, min.	34.0%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's NPK 00:52:34 is a premium, water-soluble mono potassium phosphate fertilizer designed to optimize fertigation. In its crystalline form, it dissolves completely in water, ensuring the efficient release of essential nutrients—phosphorus (P) and potassium (K)—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development.

The high phosphorus content supports robust root development and early plant growth, while the substantial potassium levels improve fruit quality and increase stress resistance. Being chloride-free, this fertilizer is safe and suitable for a wide variety of crops. It can be applied through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves.

By providing a balanced supply of macro and essential nutrients, Arihant Group's NPK 00:52:34 supports optimal plant health, boosts crop yield, and enhances the quality of produce, making it an ideal choice for modern agriculture.

### Benefits Of NPK 00:52:34 :

**Mono Potassium Phosphate (MKP):** Contains mono potassium phosphate.

**Nutrient Composition:** Rich in water-soluble phosphorus and potash.

**Versatile Application:** Suitable for both pre-bloom and post-bloom applications.

**Fruit Quality:** Popularly used for proper ripening and attractive color formation of the rind in fruits like pomegranate.

**Enhanced Appearance and Taste:** Improves luster, color uniformity, and taste of the produce.

**Higher Yields:** Farmers achieve higher yields and better quality produce, leading to increased returns.

**Chlorine-Sensitive Crops:** Since potassium is supplied in the form of Sulphate of Potash, this fertilizer can be safely used in chlorine-sensitive crops.

100% Water soluble Fertilizer

## NPK 00:00:50

### Description :

Arihant Group's NPK 00:00:50 is a high-quality, water-soluble potassium sulfate (SOP) fertilizer designed to optimize fertigation. In its crystalline form, it dissolves completely in water, ensuring the efficient release of essential nutrients—primarily potassium—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development.

The NPK 00:00:50 blend is chloride-free, making it safe and suitable for a wide range of crops, including chlorine-sensitive ones. This versatile fertilizer can be applied through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves. By providing a balanced supply of macro and essential nutrients, Arihant Group's NPK 00:00:50 supports optimal plant health, boosts crop yield, and improves the overall quality of the produce, making it an excellent choice for modern agricultural practices.

### Benefits Of NPK 00:00:50 :

**Sulphate of Potash (SOP):** Enriched with sulfur in an available form.

**Sulfur Content:** Contains 17.5% sulfur.

**Application Timing:** Suitable for application once the crop reaches physiological maturity.

**Ripening and Quality:** Useful for sink filling and proper ripening.

**Pest and Disease Resistance:** Increases resistance against pests and diseases; helps control fungal diseases like powdery mildew when used for foliar application.

**Stress and Disease Resistance:** Helps crops develop resistance to abiotic stress and diseases, reducing plant loss and increasing returns.

### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	1.5%
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ) per cent by weight, min.	50.0%
Sulphate Sulphur (as S) per cent by weight, min.	17.5%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

100% Water soluble Fertilizer

## NPK 20:20:20



### Specifications :

Base	Powder
Nitrogen (N) content	20.0% (w/w)
Phosphorus (P) content	20.0% (w/w)
Potassium (K) content	20.0% (w/w)
Total nutrient content	60.0% (w/w)
Solubility	100% water-soluble
pH	6.0-7.0

### Packing :

25 Kgs Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

The variety of crops includes vegetables like tomatoes and peppers, fruits such as strawberries and melons, flowers like roses and lilies, herbs like basil and mint, and ornamental plants like Ficus and philodendrons. It can also be beneficial for field crops like corn and wheat, and for promoting healthy lawns and turf.

### Description :

Arihant's NPK 20-20-20 powder stands as a versatile fertilizer essential for fostering robust plant growth across agriculture, horticulture, and gardening. This balanced blend comprises equal parts of nitrogen (N), phosphorus (P), and potassium (K), fundamental nutrients vital for overall plant development.

Nitrogen plays a pivotal role in stimulating vigorous leaf and stem growth, enhancing the plant's greenery and structural integrity. Phosphorus contributes significantly to root establishment, which is crucial for anchorage and nutrient uptake, while also promoting flower formation and fruiting. Meanwhile, potassium aids in maintaining plant health by bolstering disease resistance, regulating water uptake and retention, and promoting balanced nutrient utilization.

This fertilizer's balanced composition makes it ideal for a wide array of crops, including vegetables, fruits, flowers, and ornamental plants. Its application ensures a consistent and comprehensive nutrient supply, supporting healthy growth from the early stages through maturity. Whether used in commercial farming NPK 20-20-20 powder stands out for its efficacy in promoting vigorous plant growth, robust root systems, and overall resilience against environmental stresses. Its versatility and effectiveness make it a cornerstone in modern agricultural practices, fostering sustainable cultivation and maximizing yield potential.

### Benefits Of NPK 13:40:13 :

NPK 20-20-20 powder is a balanced fertilizer containing equal percentages of nitrogen, phosphorus, and potassium.

It promotes healthy plant growth, root development, and flowering/fruiting.

It enhances overall plant vigor and resilience.

It improves nutrient uptake and absorption by plants.

It is suitable for various plant types and can be used in soil-based or hydroponic systems.

It is convenient and easy to use in powdered form.

It helps achieve higher crop yields and improved quality.

It can be applied directly to the root zone or as a foliar spray.

It provides a versatile and flexible solution for plant nutrition.

### Recommended Stage Of Usage :

NPK 20-20-20 powder can be used during the seedling stage for root development, the vegetative stage for leaf and stem growth, and the flowering/fruiting stage for flower formation and increased yield. It can also be used for general maintenance and feeding throughout the growing season.

100% Water soluble Fertilizer

## Calcium Nitrate Granule



### Specifications :

Base	Granule
Total nitrogen ( Ammoniacal and Nitrate form ) percent by weight min.	15.5 %
Nitrate nitrogen as N per cent by weight, min.	14.5%
Water soluble calcium ( as Ca ) percent by weight, min.	18.5 %

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's Calcium Nitrate Granule is a high-quality, water-soluble fertilizer designed to optimize fertigation. In its granular form, it dissolves completely in water, ensuring the efficient release of essential nutrients—calcium (Ca) and nitrogen (N)—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development.

The Calcium Nitrate (Ca 18.50%, N 15.50%) blend is chloride-free, making it safe and suitable for a wide range of crops. This versatile fertilizer can be applied through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves.

By providing a balanced supply of macro and essential nutrients, Arihant Group's Calcium Nitrate Granule supports optimal plant health, boosts crop yield, and improves the overall quality of the produce, making it an excellent choice for modern agricultural practices.

### Benefits Of Calcium Nitrate Granule :

**Unique Calcium Source:** Provides a unique source of water-soluble calcium.

**Nitrogen Carrier:** Nitrate within the plants acts as an efficient carrier of nitrogen.

**Calcium Deficiency Reduction:** Reduces calcium deficiency and promotes growth and potency of crops.

**Plant Health:** Strengthens plants, enhancing tolerance to insecticides and diseases.

**Toxin Neutralization:** Helps in neutralizing toxic chemicals within plants.

**Soil Improvement:** Improves soil pH and increases the availability of trace elements.

**Fruit Enhancement:** Increases fruit size and improves the quality of fruit peels.

**Yield and Quality:** Enhances crop quality and yields, improving the shelf life of produce.

**Specific Benefits:** In tomatoes, reduces flower drop; in potatoes, reduces leaf spot.

**Economic Benefits:** Farmers achieve higher yields and better quality produce, leading to higher returns.

**Versatile Application:** Suitable for both fertigation through foliar application and drip irrigation.

100% Water soluble Fertilizer

## Boronated Calcium Nitrate Granule

### Description :

Arihant Group's Boronated Calcium Nitrate Granule is a high-quality, water-soluble fertilizer designed to optimize fertigation. In its granular form, it dissolves completely in water, ensuring the efficient release of essential nutrients—calcium (Ca), nitrogen (N), and boron (B)—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development. The addition of boron is crucial for improving cell wall strength and promoting proper pollination and seed formation.

The Boronated Calcium Nitrate blend is chloride-free, making it safe and suitable for a wide range of crops. This versatile fertilizer can be applied through fertigation, delivering nutrients via irrigation systems, or through foliar spraying, where nutrients are absorbed through the leaves. By providing a balanced supply of macro and essential nutrients, Arihant Group's Boronated Calcium Nitrate Granule supports optimal plant health, boosts crop yield, and improves the overall quality of produce, making it an excellent choice for modern agricultural practices.

### Specifications :

Base	Granule
Total nitrogen ( Ammoniacal and Nitrate form ) percent by weight min.	14.5 %
Nitrate nitrogen as N per cent by weight, min.	13.5%
Water soluble calcium ( as Ca ) percent by weight, min.	17.0 %
Boron ( as B ) per cent by weight	0.2 - 0.3%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Benefits Of Boronated Calcium Nitrate Granule :

Unique source of water soluble calcium.

Nitrate within plants acts as a carrier of nitrogen.

Reduces calcium and boron deficiency of plants and helps in the growth and potency of crops.

Makes plants healthier and stronger through insecticide and tolerance to diseases.

Helps in neutralizing toxic chemicals within plants.

Improves the pH of the soil and increases the availability of clue elements.

Increases the fruit.

Improves the quality of fruit peels.

Increases crop quality and yields.

Enhances shelf life of the produce.

In tomato, the flower-thawing and potatoes reduce the leaf spot.

Farmers get higher yields and better quality of yield and consequently get higher returns from their cultivation.

Suitable for both fertigation through foliage applications and drip irrigation.

100% Water soluble Fertilizer

## Potassium Schoenite



### Specifications :

Base	Crystalline Powder
Moisture per cent by weight max.	1.5 %
Potassium (as K <sub>2</sub> O) per cent by weight, min.	23.0%
Magnesium ( as MgO ) per cent by weight, max.	11.0%

### Packing :

25 Kgs HDPE Bags

### Method Of Application :

Fertigation, Drip Irrigation or Foliar Spray

### Recommended Crops :

**For Fertigation:** Grapes, Pomegranate, Banana, Cotton, Tomato, Onion, Sugarcane, Ginger, Turmeric, Watermelon, Floriculture and Protected Cultivation

**For Foliar application:** All crops

### Description :

Arihant Group's Potassium Schoenite is a premium, water-soluble fertilizer designed to enhance fertigation efficiency. In its crystalline powder form, it dissolves completely in water, ensuring the swift release of essential nutrients—potassium (K) and magnesium (Mg)—directly at the root zone. This promotes rapid absorption and effective distribution throughout the plant system, enhancing overall growth and development.

The Potassium Schoenite blend is chloride-free, making it safe and suitable for a wide range of crops, including those sensitive to chloride. This versatile fertilizer can be applied through fertigation, delivering nutrients directly via irrigation systems. By providing a balanced supply of macro and essential nutrients, Arihant Group's Potassium Schoenite supports optimal plant health, boosts crop yield, and improves the overall quality of produce. Its high solubility and purity make it an ideal choice for modern agricultural practices, ensuring that plants receive the nutrients they need efficiently and effectively.

### Benefits Of Potassium Schoenite :

**Composition:** Potassium Schoenite is a double sulfate of potassium and magnesium.

**Nutrient Content:** Composed of 22.24% potassium oxide and 90% magnesium oxide.

**Chlorine-Sensitive Crops:** Ideal for crops that do not tolerate chlorine, such as tobacco, potato, and sugarcane.

**Growth Promotion:** Promotes crop growth and development.

**Higher Yields:** Farmers achieve higher yields and better quality produce, leading to increased returns.



**Naturing Nature,**  
**Feeding The Future**





# From Farm To Future



AN ISO 9001 : 2015 & 14001 : 2015 CERTIFIED COMPANY

# Arihant


Empowering Farmers



Quality Fertilizers for  
Thriving Fields




 [www.anbr.in](http://www.anbr.in)

 [info@anbr.in](mailto:info@anbr.in)

 +91 74900 01417 | +91 93743 61414

Corporate Office :

[ANBR Elixir pvt Ltd](#)

 [Plot No. 5144, Near Prime Industries, Seven Water Tank Road, Near Paras Chowkdi, G.I.D.C. Industrial Estate, ANKLESHWAR - 393 002. Dist. Bharuch, Gujrat.](#)