



Complete Plant Nutrition Solutions





murugappa





Coromandel International Limited, established in 1961 is the flagship company of INR 381 billion Murugappa Group, contributing to 35% of the group turnover.

Coromandel International Limited is in the business of Fertilisers, Speciality Nutrients, Organic, Crop Protection, Retail and Biologicals. Coromandel manufactures a wide range of fertilisers and markets around 4.5 million tons, making it a leader in its addressable markets and the second largest phosphatic fertilizer player in India.

The Company clocked a turnover of INR 22,290 + Crores during FY 2023-24. Coromandel was ranked among the top 20 best companies to work for by Business Today and was also voted as one of the ten greenest companies in India by TERI,

reflecting its commitment to the environment and society.





Speciality Nutrients Product Portfolio

Coromandel Speciality Nutrients product portfolio covers following major products:

1. Bentonite Sulphur and Variants

- Gromor Sulphamax (Elemental Sulphur 90%)
- Bosmax (Elemental Sulphur 80%, Boron 1.2%)
- Gromor SulphoZinc (Elemental Sulphur 65%, Zinc 18%)
- Gromor Sulphur (Elemental Sulphur 90%)
- Gromor NainiSol (Elemental Sulphur 90% Powder)

2. Water Soluble Fertiliser Foliar – Speciality Fertiliser

- Insta/Sponta
- Superia

3. Water Soluble Fertiliser Foliar – Crop Specific Foliar Fertiliser

- Gromor AcuSpray Cereal SP
- Gromor AcuSpray Cotton SP
- Gromor AcuSpray Pulses SP
- Gromor AcuSpray Potato SP
- Gromor AcuSpray Sugarcane SP
- Gromor AcuSpray Chilli SP

4. Water Soluble Fertiliser Foliar – Generic Foliar Fertiliser

- Gromor Spray Range (19-19-19, 13-0-45, 0-0-50, 0-52-34, 12-61-0, CN)

5. Water Soluble Fertiliser Fertigation- Speciality Fertiliser

- Gromor Power 28-28-0

6. Water Soluble Fertiliser Fertigation – Crop Specific Fertigation Fertiliser

- Gromor Fitsol Solanaceae Grade 1 & 2
- Gromor Fitsol Banana Grade 1 & 2
- Gromor Fitsol Pomegranate Grade 1 & 2
- Gromor Fitsol Sugarcane Grade 1 & 2
- Gromor Fitsol Grapes Grade 1, 2 & 3

7. Water Soluble Fertiliser Fertigation – Generic Fertigation Fertiliser

- Gromor Power Range (19-19-19, 13-0-45, 0-0-50, 0-52-34, 12-61-0, CN, CNB, 16-8-24, 13-40-13)

8. Micronutrients & Secondary Nutrients

- Boron
 - i. Folibor (20% Boron)
 - ii. Gromor Granubor / Soilbor (Granular Boron 14.5%)
- Zinc
 - i. Novozin / Chamatkar (Chelated Zinc EDTA 12%)
 - ii. Carat (Zinc Sulphate Monohydrate 33%)
- Micronutrient Mixtures:
 - i. Samtul
 - ii. F4
- Magnesium Sulphate
 - i. Gromor Gromag / Gromor Magnesium Sulphate
- Liquid Fertilisers
 - AcuMist Calcium
 - AcuMist Zinc
 - AcuMist Boron

9. Nutribooster Range

- Vigo Gold
- Mycoritz
- Biocharm



GROMOR Sulphamax

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BOSMAX

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GROMOR SulphoZinc

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GROMOR Sulphur



GROMOR NainiSol

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AcuSprayCereal SP N:P:K:Zn:B-12:00:35:1:0.3



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AcuSprayCotton SP N:P:K-11:00:37

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AcuSprayPulses SP N:P:K:S-10:8:34:2

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AcuSprayPotato SP N:P:K-10:5:36

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AcuSpraySugarcane SP N:P:K-12:26:20

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AcuSprayChilli SP N:P:K:S-8:14:31:4





GROMOR Spray / Nutri Spray 19:19:19



GROMOR Spray / Nutri Spray 13:0:45

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GROMOR Spray / Nutri Spray 0:0:50



GROMOR Spray / Nutri Spray 12:61:0



GROMOR Spray / Nutri Spray 0:52:34



GROMOR Spray / Nutri Spray Calcium Nitrate





GROMOR POWER 28:28:0





GROMOR

FitsolSolanaceae Grades 1 & 2

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FitsolBananaGrades 1 & 2

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FitsolPomegranate Grades 1 & 2

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FitsolSugarcane Grades 1 & 2

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FITSOL GRAPES GRADE 1, 2 & 3

FITSOL Grapes is a unique 100% water soluble mixture of fertilizers developed for fertigation application in Grape crops. It contains Nitrogen, Phosphorous Potassium and Sulphur enriched with secondary and important trace elements. It is highly customized and recommended for Grape crops for higher productivity in terms of quantity and quality.

Available SKU : 25 Kg

Features:

- Complete nutrition solution with just with 3 fertigation grades
- Based on stage specific nutritional requirement of the grape crops
- Gromor Fitsol Grapes Grade 1 contains N:P:K:S-13:26:13:3, Grade 2 contains N:P:K:S-9:31:16:2 and Grade 3 contains N:P:K:S -10:0:35:4; along with other micronutrients like Mg, Zn, B, Fe, Mn, and Cu
- Based on soil fertility status of grapes growing pockets and extensive multi-locational trials in India
- Tailor made to produce export quality grapes

Benefits:

- Balanced nutrition with ten essential nutrients results in better quality fruits.
- Easy to apply and lesser number of applications is required which leads to labour savings
- Yield improvement due to improved nutrient use efficiency with acidic pH & chelated nutrients
- Results in better canopy development, uniform flowering and longer inorecence leading to excellent berry setting and development giving export quality production.

Dosage:

Grade 1

- Foundation pruning: Recommended during pre-bud differentiation (0-40 days) @ 25kg/acre
- Fruit pruning: Recommended during bud burst flowering (0-30 days) @ 50kg/acre

Grade 2

- Foundation pruning: Recommended during bud differentiation (41-65 days) @ 50 kg/acre
- Fruit pruning: Recommended during flowering TO FRUIT (31-75 days) @ 115 kg/acre

Grade 3

- Foundation pruning: Recommended during post-bud differentiation (66-120 days) @ 25 kg/acre
- Fruit pruning: Recommended during fruit set to veraison (76-105 days) @ 75 kg/acre





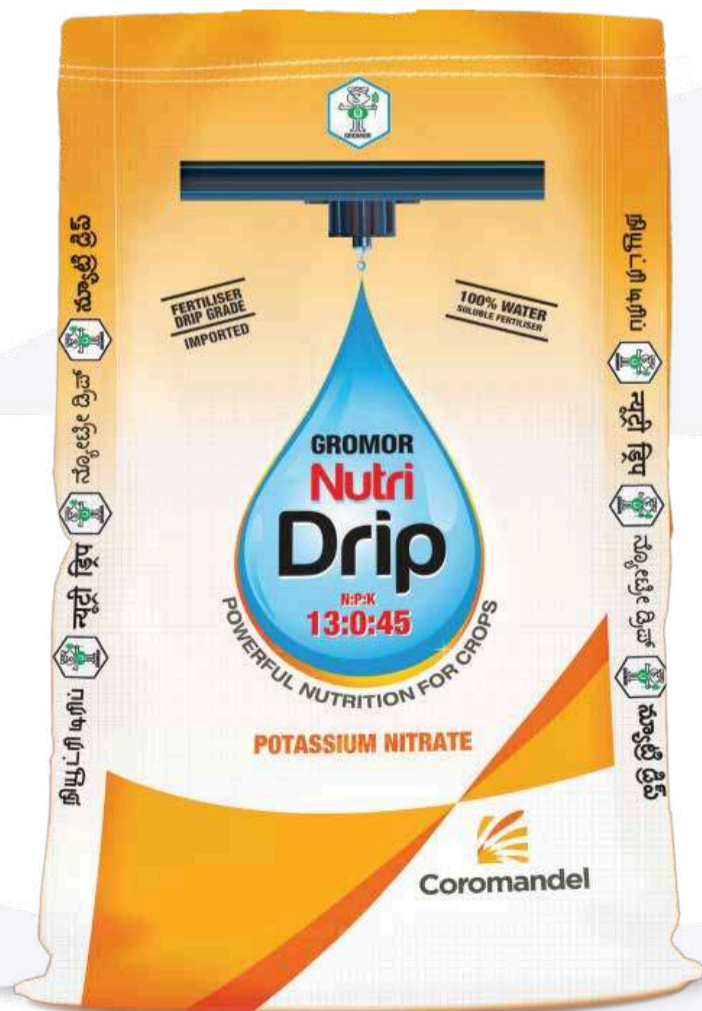
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GROMOR POWER / NUTRIDRIP Calcium Nitrate



GROMOR POWER / Calcium Nitrate Boron

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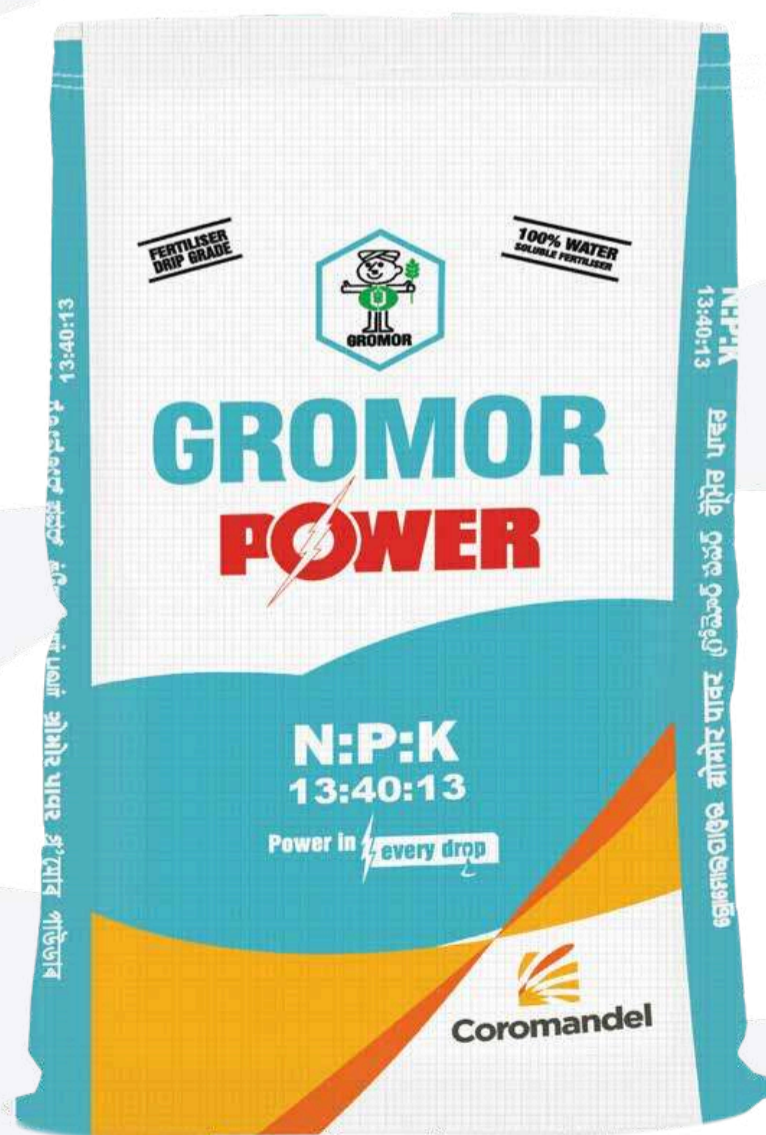
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CARAT



GROMOR Samtul

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GROMOR F4



Gromor / Gromag Magnesium Sulphate



ACUMIST CALCIUM

AcuMist Calcium® is a premium self-manufactured calcium-based fertiliser available in concentrated liquid form. It has 11% calcium in liquid form which has higher efficiency as it is fast acting and readily corrects the calcium deficiency in crops.

Available SKU : 100 ml, 250 ml, 500 ml, 1000 ml.

Features:

- AcuMist Calcium® is a foliar spray fertiliser.
- It contains high concentration of calcium (11%) in liquid form.
- The product is specifically formulated to ensure maximum safety to the crops.
- Rapid action with good mobility within the plant.
- It has suitable stabilizers and sticking agents for best stability and efficiency of product.

Benefits

- AcuMist Calcium® is a liquid formulation which allows higher calcium availability to the plant.
- It makes the cell wall strong, which increases resistance to pests & disease.
- Acumist calcium application during the flowering stage of the crop stimulates internal chemical pathways which promotes fruit set, resulting in increased fruit yields.
- It generates better return on investment for farmers as it is economical with low application rates.
- It helps in rectifying some major calcium disorders like blossom end rot in tomato, bitter feet in apple, black heart in leafy vegetables.

Dosage: 03-5 ml/ litre of water (depending on the crop).



ACUMIST ZINC

AcuMist Zinc is a house-manufactured premium Zinc micronutrient fertilizer available in suspension form. AcuMist Zinc has a high Zinc concentration (39.5% Zn w/v) which helps in delivering superior results. Its stable suspension technology ensures uniform spread of Zinc nutrient within the solution. It has special additives which will result in super-spreading action with better use efficiency.

Available SKU : 100 ml, 250 ml, 500 ml, 1000 ml.

Features:

- AcuMist Zinc is a superior quality Zinc fertilizer for foliar spray
- High Zinc concentration (39.5%) in suspension form delivers superior results.
- Stable suspension formulation with good flowability.
- Special additives for ensuring super-spreading action & rain fastness.
- Particle size distribution optimized to achieve maximum uptake
- Rapid action with good mobility within the plant

Benefits

- Improve yield and quality of crop produce
- Corrects Zinc deficiency in standing crop and improves Zinc levels within the plant.
- Ensures higher use efficiency of Zinc nutrient.
- Ensures better results in a fast manner
- Promotes nitrogen metabolism and produces protein and starch
- Zinc plays a key role in Auxin & Carbohydrate metabolism, pollen formation.



ACUMIST BORON

AcuMistBoron is a premium boron-based fertiliser available in concentrated liquid form.

It has 10% Boron-ethanolamine that is quickly absorbed and assimilated by the crop, which has higher efficiency than other boron-based fertilisers as it is fast acting and readily corrects the deficiency in crops.

Available SKU : 100 ml, 250 ml, 500 ml, 1000 ml.

Features:

- AcuMistBoron is a liquid micronutrient fertiliser.
- It contains boron (10%) as boron ethanolamine in liquid form.
- The product is specifically formulated to ensure maximum safety to the crops.
- Rapid action with good mobility within the plant.

Advantages

- AcuMist Boron acts faster to correct boron deficiency in plants.
- It can be applied by fertigation system as well as through foliar applications.
- AcuMist Boron has high rate of absorption on foliage compared to other sources.
- AcuMist Boron has better solubility compared to other sources of boron.
- The liquid formulation makes it easy to measure, add and mix the product in the spray tank.
- It is a non-hazardous liquid, safe and easy to handle.

Benefits

- AcuMist Boron is a highly free flowing formulation which allows higher boron input to be available to the plant. It makes the cell wall strong and improves movement of Ca in plant. It has a positive impact on pollination and improves fruit set and seed development. Application of Acumist Boron during flowering stage and maturity stage, stimulates hormone levels which are important for flower initiation, fruit development, cell wall and tissue formation. It generates better return on investment for farmers as it is economical with low application rates. It prevents flower and fruit dropping. It rectifies deficiency disorders like, hollow stem, brown patch, split peel, shoot tip deformation, fruit rotting and fruit cracking. Better solubility of AcuMist Boron facilitates uniform spread, better compatibility with delivery system and ease of application.
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Dosage: 0.5-2 ml/litre Water



Nutriboosters

VIGO GOLD

Vigo is enriched with humic and fulvic acids to improve plant growth as well as soil properties.

Features:

- Rich in humic and fulvic acids
 - Helps in early crop establishment
 - Strengthens the defense mechanism of plants
 - Provides uniform vegetative growth and maturation
 - Improves the quality and quantity of the produce

Application Method :

- Apply immediately after ploughing or sowing.
- Use with basal fertilizer.
- Apply early during top dressing/earthing up stages.
- For tree crops, do ring application

Benefits :

- Promotes uniform and strong root growth
- Balance of root: shoot ratio produces
- Increases the height of the crop
- Improves the economic yield of the crop
- Increases the cost benefit ratio

Dosage and Application

2-4 kg/acre

Pack size - **1 kg** and **4 kg**



MYCORITZ

Mycoritz establishes a mutual symbiotic association between plants and mycorrhizal fungi. It forms a network of fungal hyphae that extends the plant's root system, enhancing nutrient uptake and improving overall plant health!

Mycoritz is a natural and effective solution for promoting Integrated Nutrient Management (INM).

Features :

- High-Quality Unique Formulation
- Exceeds FCO Specifications
- Neem-Based Carrier
- Effective Spore Distribution

Advantages :

- Enhances Nutrient Uptake Improved
- Water Absorption Soil Structure
- Enhancement

Benefits :

- Increased Crop Yield
- Biotic & Abiotic Resistance
- Increased root Mass
- Enriches Plant Defense Mechanism
- Sustainable Agriculture

Recommended Crops for Mycoritz:

Cereals,Pulses,Oilseeds, vegetables, horticulture & plantation crops. For better results apply along with Organic manures at the time of irrigation.

Dose & Time of Application:

For better results, use 4kg/acre Mycoritz at the time of sowing/ 1st top dressing

Application Method:

Mix 4Kg of Mycoritz evenly in organic manure/sand and broadcast at the time of sowing/ 1st top dressing.



BIOCHARM

Bio Charm is a certified biofertilizer under FCO, which is manufactured by proprietary technology and has a stable composition of Nitrogen fixing, Phosphorous solubilization, & Potassium mobilization micro-organisms. It promotes plant growth by ensuring the availability of essential nutrients.

Advantages:

- Higher concentration of microorganisms.
Microbial strain that endures high temperatures and has a expiry of 2 years.
Transforms insoluble major nutrients into forms that are readily accessible to plants, enhancing fertilizer utilization.
- Improves soil properties.

Benefits:

- Maximizes crop productivity, improves yield and quality of the produce.
- Enhanced root growth and nutrient uptake.
- Increased stress tolerance & resilience of crops.
- Balanced plant nutrition for optimal plant growth.
- Improves soil health & fertility.

Recommended crops: Dosage Recommended for all crops.

200 Grams/acre

Application method:

- The powder is completely water-soluble and can be dissolved in water. Once dissolved, it can be mixed with sand, compost, or organic manure and applied to the soil.
- BioCharm can be applied through drip/soil drenching.



Organic Products

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First company

to introduce
high quality BOPP
packing material for
organic fertilisers

Organic Product Portfolio

Coromandel Organic product portfolio covers the following major products –

1. Compost & Variant :-

- a. City Compost
 - GODAVARI KARBON PLUS(Powder)
 - GODAVARI KARBON PLUS GRANULES
- b. Press mud Compost
 - GODAVARI GOLD
- c. Phosphorous Rich Organic Manure
 - GODAVARI PHOSGROW/GODAVARI PHOSGOLD
- d. Bio Enriched Organic Manure
 - GODAVARI BHUBHAGYA

2. Gypsum & Variant :-

- a. Gypsum
 - GODAVARI ZIP GOLD/ GODAVARI ZYPPO
- b. Gypsum enriched with Dolomite
 - GODAVARI TRIGOLD/ GODAVARI CaMS SUPER

3. Organic Potash :-

- a. Potash Derived from Molasses
 - GODAVARI KASH/ GODAVARI KRICH

4. Cake mixture :-

- GODAVARI NRICH

5. Crop Specific

- Areca Shakti
- Coffee Bliss

GODAVARI KARBON+

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GODAVARI GOLD

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GODAVARI PHOSGOLD/ GODAVARI PHOSGROW

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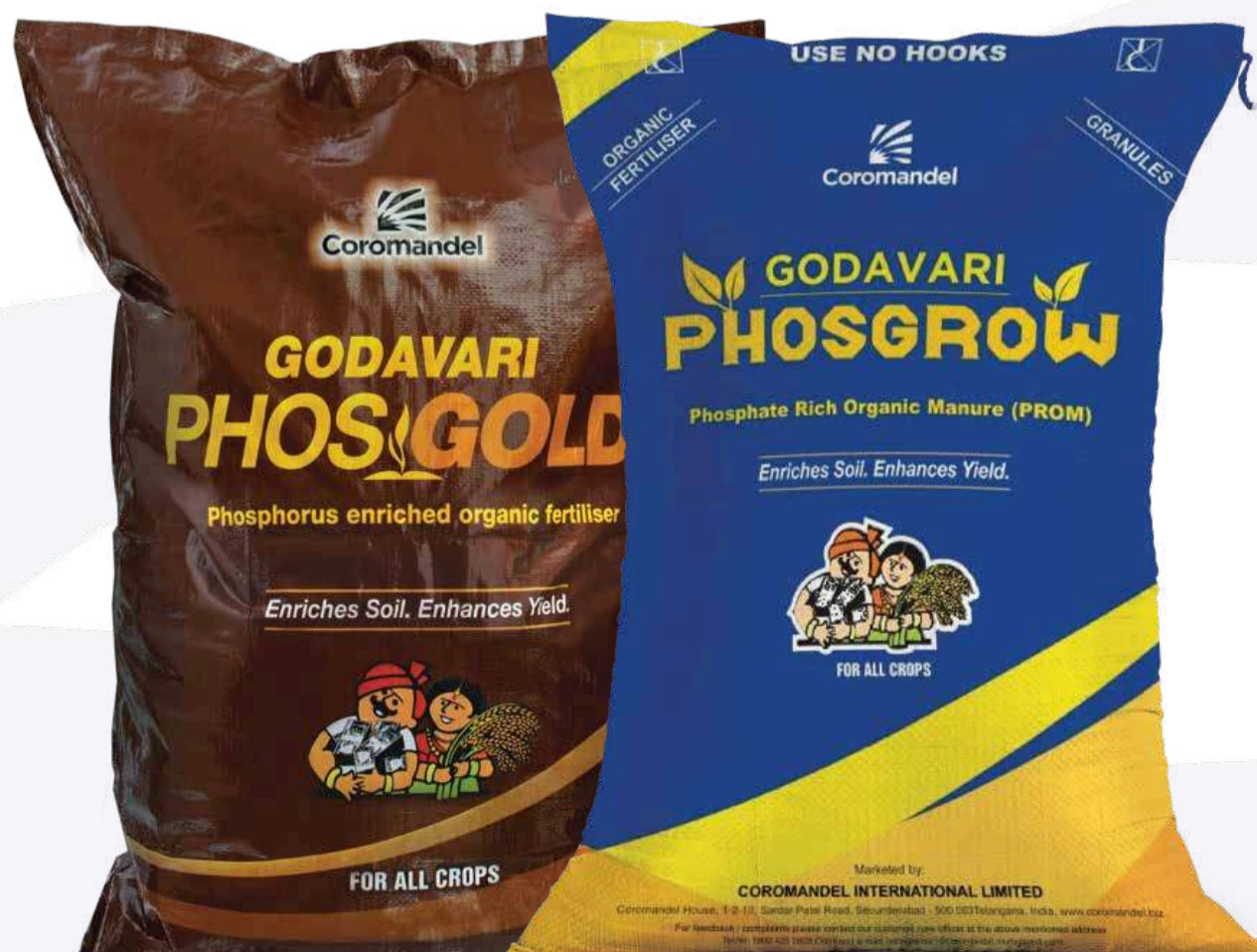
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GODAVARI BHUBHAGYA

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GODAVARI ZIP GOLD/ GODAVARI ZYPPO

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GODAVARI TRIGOLD/ GODAVARI CaMS SUPER

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GODAVARI NRICH

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COFFEEBLISS

CoffeeBliss, a first-of-its-kind, crop-specific organic fertilizer that is meticulously formulated to meet the precise nutritional needs of Coffee. CoffeeBliss contains Zinc 0.5%, 0.2% Boron, 3% sulfur, 2% Calcium, 2% Magnesium, Water soluble potash-15-17%. The nutrient content of CoffeeBliss can meet partial requirement of K, Ca, Mg, S, and complete requirements of Zinc and Boron. Resulting in improved quality and better yield.

Features:

CoffeeBliss formula leverages the power of organic ingredients, carefully selected to enrich the soil and enhance quality of coffee beans. Key features of CoffeeBliss include:

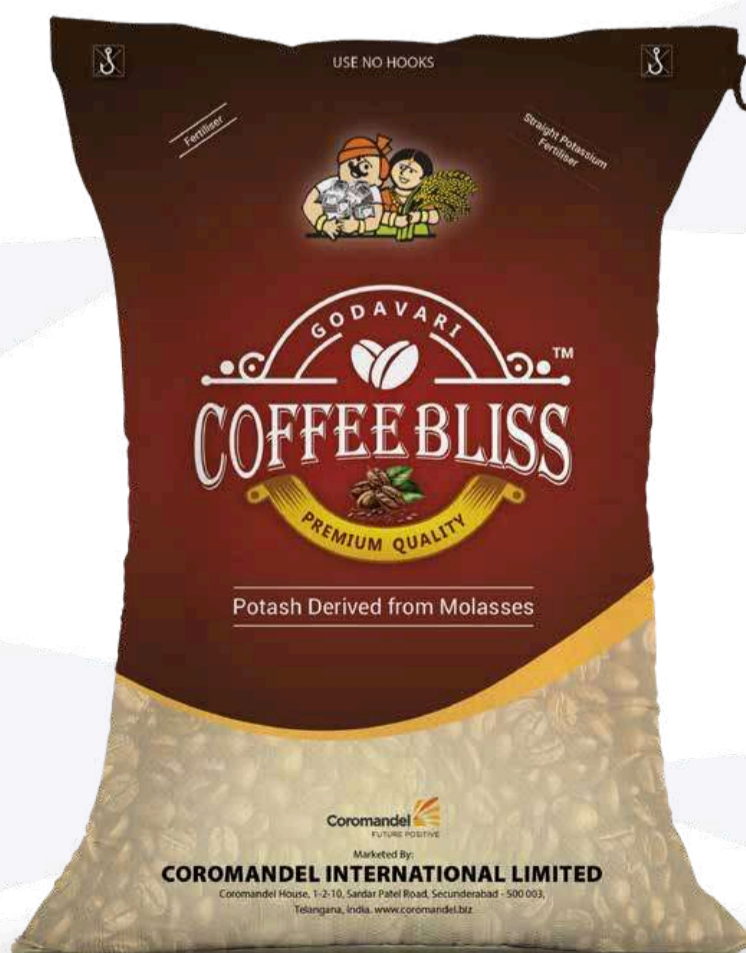
- Crop-Specific Grade: Tailored to the unique needs of Coffee, CoffeeBliss delivers targeted nutrition for optimal growth and development.
- Organic Formulation: Free from synthetic chemicals and harmful additives, CoffeeBliss can be used for sustainable farming practices.
- Balanced Nutrient Composition: With a precise blend of essential nutrients, CoffeeBliss supports healthy root development, higher yields and superior quality coffee beans with less berry drop. Slow-Release Formula: CoffeeBliss releases nutrients gradually over time, ensuring long-lasting benefits and reduced nutrient leaching, even in high rainfall areas.
- Enhanced Soil Health: By replenishing vital nutrients and improving soil structure, CoffeeBliss fosters a thriving ecosystem for Coffee Plants, leading to sustainable crop production FCO specified product

Benefits

- Improves soil health, and crop growth
- Improves weight and quality of beans
- Reduces labour cost as, no separate application is required for micronutrients.
- It increases crop yield by providing balanced nutrition to the plant
- Develops pest and disease tolerance in the plant

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2-3bags/acre or 275 to 300 gm per plant depending on age of the crop.



ARECA SHAKTI

Areca Shakti, a first-of-its-kind, crop-specific organic fertilizer that is meticulously formulated to meet the precise nutritional needs of Areca. Areca Shakti contains Zinc 0.4%, 0.2% Boron, 0.25% Iron, 3% sulfur, 2% Calcium, 2% Magnesium, Water soluble potash- 15-17%. The nutrient content of Areca Shakti can meet partial requirement of K, Ca, Mg, S, and Fe, and complete requirements of Zinc and Boron. Resulting in improved quality and better yield.

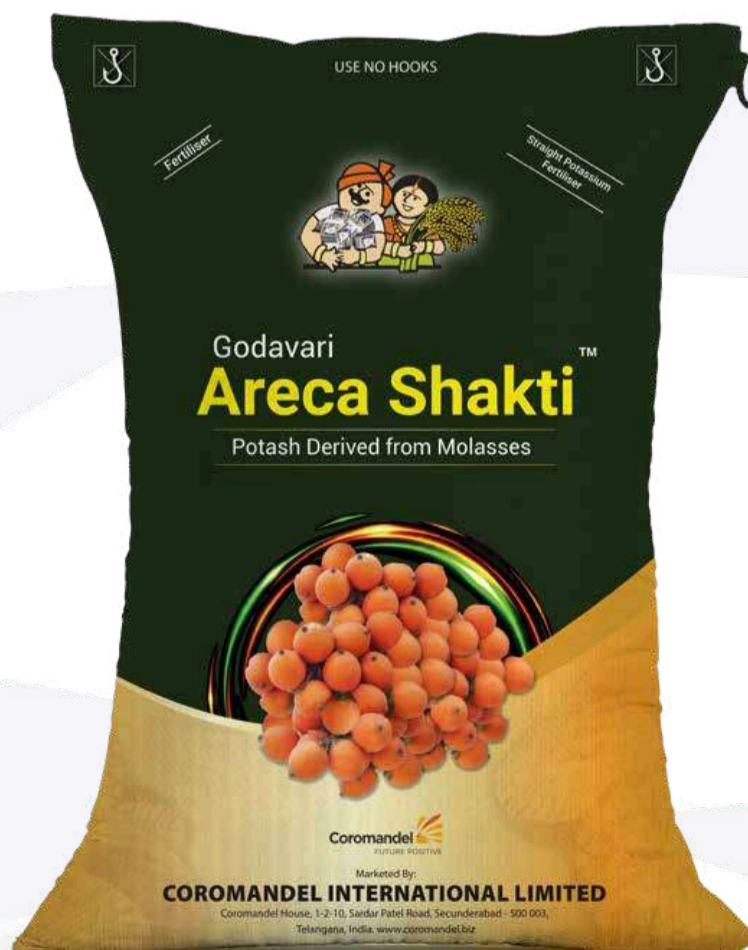
Features:

Areca shakti formula leverages the power of organic ingredients, carefully selected to enrich the soil and enhance quality of Areca nuts. Key features of Areca shakti include:

- Crop-Specific Grade: Tailored to the unique needs of Areca plants, Areca shakti delivers targeted nutrition for optimal growth and development.
- Organic Formulation: Free from synthetic chemicals and harmful additives, Areca shakti can be used for sustainable farming practices.
- Balanced Nutrient Composition: With a precise blend of essential nutrients, Areca shakti supports healthy root development, higher yields and superior quality Areca nuts with less nut drop. Slow-Release Formula: Areca shakti releases nutrients gradually over time, ensuring long-lasting benefits and reduced nutrient leaching, even in high rainfall areas.
- Enhanced Soil Health: By replenishing vital nutrients and improving soil structure, Areca shakti fosters a thriving ecosystem for Areca plants, leading to sustainable crop production FCO specified product

Benefits

- Improves soil health, and crop growth
- Improves weight and quality of nuts
- Reduces nut crack and nut drop
- Reduces labour cost as, no separate application is required
- It increases crop yield by providing balanced nutrition to the plant
- Develops pest and disease tolerance in the plant





Value Added Services

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