



# Complete Plant Nutrition Solutions







“To enhance  
prosperity  
of farmers  
through  
quality farm  
solutions.”



**murugappa**

Headquartered in Chennai, the INR 778 Billion (2023-24) Murugappa Group is one of India's leading business conglomerates.

Market leaders in diverse areas of business including Engineering, Abrasives, Finance, General Insurance, Cycles, Sugar, Farm Inputs, Fertilisers, manufacturing facilities spread across 17 states in India.

The organization fosters an environment of professionalism and has a workforce of over 83,500 employees.



**Coromandel International Limited**, established in 1961 is the flagship company of INR 778 billion Murugappa Group.

Coromandel International Limited is in the business of Fertilisers, Specialty Nutrients, Organic, Crop Protection, Retail, Bio-Products and Urban Gardening. 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 fertiliser 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.

## ***Bringing Ideas to Indian Farming***

A significant drop in the yield and quality of crops in the country has brought into focus the need for promoting balanced use of fertilisers and educating the Indian farmer about the deficiencies of secondary and micronutrients in the soil.

To reinforce its endeavor to enhance soil productivity by supplementing / correcting secondary and micronutrient deficiencies, Coromandel has introduced a wide range of specialty nutrient products.

The entire product range chosen in Specialty Nutrients offers unique competitive advantage to Coromandel in the market. The product range helps in offering complete plant nutrition solutions for all crops in India. Continuous efforts are on to develop and introduce more and more specialised products, which add value and prosperity to the Indian farming community and provide balanced nutrition to the crops.

# Speciality Nutrient Division

# 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

## 9. Liquid Fertilisers

- AcuMist Calcium
- AcuMist Zinc
- AcuMist Boron

## 10. Nutribooster Range

- Vigo Gold
- Mycoritz
- Biocharm

# Bentonite Sulphur & Variants

# GROMOR SULPHAMAX

The FSR (Fast Sulphur Release) technology enables Gromor Sulphamax pastilles to dissolve and release sulphur more quickly, providing fast and long-lasting benefits to the crop.

## Features

- Maximum percentage (90%) of sulphur in elemental form, with 10% Bentonite clay
- Wider spread of sulphur particles in soil ensures that the root zone gets sulphur and results in better uptake
- Faster soil pH correction improves the availability of other nutrients to the crop from an early stage
- The release rate of sulphate ( $\text{SO}_4$ ) in soil by Sulphamax matches the requirement of the crop

## Benefits

- Facilitates faster oxidation and faster availability of sulphur to the crop
- Fulfills sulphur requirement of the crop right from its initial growth stage
- Improves chlorophyll content
- Increases oil content in oilseeds and protein in pulses & other crops
- Helps in developing pest, disease and moisture stress resistance
- Improves quantity and quality of yield

## Dosage and Application

10 kg during land preparation and first fertiliser application. “Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 5 kg, 10 kg, 25 kg, 50 kg



# BOSMAX

Bosmax is the combination of sulphur (80% elemental sulphur) and boron (1.2%). It provides sulphur and boron starting from crop sowing till crop maturity thereby fulfils secondary nutrient (S) & micronutrient (B) requirement of the crops.

## Features

- Wider spread of particles in soil ensure that the root zone gets sulphur and boron and results in better intake
- Faster soil pH correction improves the availability of other nutrients to the crop at early stage
- Readily soluble in water

## Benefits

- Facilitates faster oxidation and faster availability of sulphur and boron to the crop
- Fulfills sulphur & boron requirement of the crop right from its initial growth stage
- Improves chlorophyll content
- Fulfills hidden hunger of the soil
- Promotes balanced nutrition in the soil
- Helps in developing pest, disease and moisture stress resistance

## Dosage

10 kg during land preparation and first fertiliser application. "Dosage may vary based on crop & soil type"

## Pack Sizes

1 kg, 5 kg, 10 kg, 25 kg, 50 kg



# GROMOR SULPHUR

Bentonite sulphur pastilles for soil application.

Coromandel is the pioneer in the manufacturing of Bentonite Sulphur in India.

## Features

- Maximum percentage (90%) of sulphur in elemental form, with 10% Bentonite clay
- New pastille form facilitates easy and safe application of sulphur
- Releases sulphur in slow and controlled manner, reduces wastage and ensures maximum availability to the crop over a longer duration

## Benefits

- Helps in chlorophyll formation, protein synthesis and energy release process in plants
- Facilitates better utilisation of other NPK fertilisers by the crop
- Enhances oil production in oil seeds
- Improves quality of the produce

## Dosage and Application

10 kg during land preparation and first fertiliser application. "Dosage may vary based on crop & soil type"

## Pack Sizes

1 kg, 5 kg, 10 kg, 25 kg, 50 kg



# GROMOR SULPHOZINC

Long lasting soil fertiliser with goodness of sulphur and zinc

## Features

- Unique product manufactured only by Coromandel in India
- Contains sulphur in elemental form (65%) and Zinc (18%) in Zinc Oxide form
- Ideal solution for bi-nutrient deficiency of Sulphur and Zinc
- Compatible with Phosphatic fertilisers
- Easy to apply

## Benefits

- Provides sulphur and zinc from the same application
- Available in granular form which helps in spreading easily in the field
- Bentonite helps in better absorption of water and thus makes it easily dispersible in soil
- Both sulphur and zinc are released in slow and controlled manner thereby reducing wastage and ensuring maximum availability to the crop over a longer duration
- Minimum leaching and fixation loss of sulphur and zinc

## Dosage and Application

7.5 – 10 kg per acre during sowing / transplantation. “Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 5 kg



# GROMOR NAINISOL

## Features

- 90% WDG Sulphur
- NainiSol is formulated in Water Dispersible Granule (WDG) which has very small particle size of Sulphur which allows quick dispersion in water and soil, gives faster and efficient Sulphur uptake and therefore it requires very low application dose as compared to traditional Sulphur fertiliser.

## Benefits

- High nutrient use efficient Sulphur fertilizer, hence require very low application dose.
- Sulphur becomes available to crops quickly.
- Fit for application under various application methods viz. broadcasting, urea mix top dressing, drip irrigation, sprinkler irrigation, soil drenching etc.
- Helps in improving uptakes and metabolizing other nutrient like, N, P, K and Micronutrients.
- Increased oil content in oil seed crops.
- Resistance development in crops against pests & diseases.
- High return on investment for farmers.

## Dosage & Application

3 kg/acre during the time of 1st or 2nd fertilizer top dressing. “Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 3 kg, 15 kg, 30 kg



**Water Soluble Fertiliser**

**Foliar**

**Specialty Fertiliser**

# SUPERIA

Superior plant nutrition for foliar application

## Features

- N:P ratio of 1:1 along with essential secondary and micronutrients (Zn, S, B, Fe & Mn)
- Scientifically formulated to give ideal plant nutrition
- Better leaf absorption properties

## Benefits

- Activates metabolism of the plant thus helpful in giving vigour to the crop
- Boosts growth during dry spells as well as high rainfall conditions
- Quick crop recovery from nutritional stress
- Maximises plant health and quality

## Dosage and Application

1.0% concentration (10 grams/litre of water) to be used as foliar spray during vegetative and flowering stages. "Dosage may vary based on crop & soil type"

## Pack Size

1 kg



# GROMOR INSTA | GROMOR SPONTA

Gromor Insta | Gromor Sponta with N:P:K ratio 28:28:0 is an innovative, fast and instant action 100% soluble fertiliser which provides immediate nutrition to the crop during the peak growth period.

## Features

- N:P Ratio of 1:1
- Supplements nutrition requirement for fast vegetative growth
- Highly suitable for foliar application
- Compatible with common pesticides

## Benefits

- Quick vegetative growth, more tillering and more branching
- Promotes the vegetative growth, thus helpful in giving vigour to the crop
- Provides complementary nutrition to the crops by satisfying the hidden hunger of nutrients
- Boosts growth in dry spells and excess rainfall conditions

## Dosage and Application

1.0% concentration (10 grams/litre of water) to be used as foliar spray during peak vegetative growth  
“Dosage may vary based on crop & soil type”

## Pack Size

1 kg



**Water Soluble Fertiliser**

# Foliar

Crop Specific Range

# GROMOR ACUSPRAY

## Cereal SP

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

Gromor AcuSpray Cereal SP offers customised solution for cereal crop growers.  
This 100% water-soluble fertiliser is designed to supply critical nutrients during the reproductive phase.

### Features

- Contains N:P:K:Zn:B-12:00:35:1:0.3
- Crop-specific customised solutions
- Four important nutrients in one formula
- Supplies 100% crop need of micronutrients during reproductive stage
- Customised solution with acidic pH for better nutrient absorption by the plant

### Benefits

- No chaffy grains, higher grain weight and thus higher yield
- Increases whole grain recovery during milling
- Less disease and pest incidence

### Dosage and Application

- Gromor AcuSpray Cereal SP should be applied at 10grams/litre of water
- 2-3 sprays can be done starting from flowering and can be continued till physiological crop maturity  
“Dosage may vary based on crop & soil type”

### Pack Size

1 kg



# GROMOR ACUSPRAY

## Cotton SP

N:P:K-11:00:37

Gromor AcuSpray Cotton SP is 100% water soluble foliar application fertiliser customised for cotton crop growth in Indian conditions.

### Features

- Contains 11:00:37 (N:P:K) & Zn, B, Mg
- Crop specific customised solutions
- Combination of five most important nutrients for cotton
- Along with Nitrogen and Potassium, it meets the crop demand for critical micronutrients Zinc and Boron and secondary nutrient Magnesium during boll development
- Customised solution with acidic pH for better nutrient absorption by the plant

### Benefits

- More bolls per plant, higher boll weight and hence higher yield
- Increases staple length and strength
- Reduces flower and boll drop

### Dosage and Application

Gromor AcuSpray Cotton SP should be applied at 10 grams/litre of water during pre-flowering, boll initiation and boll development stage. "Dosage may vary based on crop & soil type"

### Pack Size

1 kg



# GROMOR ACUSPRAY

## Pulses SP

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

Acuspray Pulses is a high Potash based fertiliser specially designed for pulses. It is to be used during flowering stage & pod development stages.

### Features

- Contains N:P:K:S-10:8:34:2 & Mg, B, Zn, Fe, Mo
- Maintains safe and effective pH level

### Benefits

- Supplies core nutrients like Potassium, Sulphur, Molybdenum and Boron in right quantity and at right moment of application for pulse crops
- Covers 30 - 40% critical micronutrient requirement of pulses
- High K based formula improves drought resistance
- Uniform flowering and greater grain weight

### Dosage and Application

- 2-3 sprays are recommended during flowering and pod development stage of the pulse crop; at an interval of 7-10 days. Concentration should be 1.0% i.e. 10 grams/litre.  
“Dosage may vary based on crop & soil type”

### Pack Size

1kg



# GROMOR ACUSPRAY

## Potato SP

N:P:K-10:5:36

High K based customised fertiliser for potato crop. Designed to increase potato tuber size.

### Features

- Contains 10:05:36 (N:P:K) & S, Zn, B, Mn, Mg
- Maintains safe and effective pH level

### Benefits

- Meets the balance nutrient need of potato crop
- Covers about 40-50% need of critical micronutrient
- Being K based formula, it will improve the disease & drought resistance power of the crop
- Increases shine, tuber weight and number of tubers

### Dosage and Application

- 2-3 sprays recommended during tuber initiation and tuber development stage of Potato crop at an interval of 7-10 days. Concentration should be 1.0% (10 grams / litre of water).

“Dosage may vary based on crop & soil type”

### Pack size

1 kg



# GROMOR ACUSPRAY

## Chilli SP

N:P:K:S-8:14:31:5

Gromor AcuSpray Chilli SP is a unique 100% water-soluble fertiliser designed for foliar application in chilli and other vegetable crops. It is a crop and stage specific product enriched with primary, secondary and micronutrients as per the crop requirement.

### Features

- Crop specific customised solution
- Contains N:P:K:S-8:14:31:5 & Zn, B, Mn, Mg, Fe, Cu
- It covers about 30-40% need of all micronutrients
- It provides balance nutrition to the crop, is safe and has optimum pH level

### Benefits

- More fruits per plant, greater fruit weight
- Long, straight, green and shiny fruits
- Less drop of fruits and flowers and less pest and disease incidence
- Being a K-based formula, it improves the disease and drought resistance

### Dosage and Application

Gromor AcuSpray Chilli SP should be applied at 10 grams/litre of water during flowering, fruit initiation, fruit formation & fruit development stage

“Dosage may vary based on crop & soil type”

### Pack Size

1 kg



# GROMOR ACUSPRAY

## Sugarcane SP

N:P:K-12:26:20

### Features

- Contains 12:26:20 (N:P:K) & S, Zn, B, Mg, Fe
- Customised application (time & crop): It provides balanced nutrition to the crop
- Necessary micronutrients: It covers about 30-40% need of all micronutrients
- Effective pH: It is safe and has effective pH level
- High quality: Being K-based formula, it improves disease and drought resistance

### Benefits

- It increases the yield of the sugarcane i.e. more cane per clump and greater cane weight
- It increases the quality of the sugarcane i.e. more brix, clear juice with more sugar
- It reduces the crop loss i.e. less lodging, less pest and disease incident
- It is rich in Sulphur, increases the leaf size and adds more vigour to the plant

### Dosage and Application

- Dose – 1.5% concentrations (15 grams/litre) to be sprayed on the crop foliage
- Stage – Total 2-3 sprays are recommended during tillering stage, approximately 50 days after planting and can be continued till 100 days of crop at the interval of 15-20 days  
“Dosage may vary based on crop & soil type”

### Pack Size

1 kg



**Water Soluble Fertiliser**

# Foliar

Generic Foliar Fertiliser

# GROMOR SPRAY

## 19:19:19

### Features

- Specially manufactured grade for foliar application on all crops
- Contains all three forms of Nitrogen
- Free from Chloride, Sodium and other elements detrimental to plants
- Compatible with most common pesticides and fungicides

### Benefits

- Most suitable formula to enhance vegetative growth
- Contains a balanced ratio of NPK
- Provides balanced nutrition to the crop in the early growth stages
- Increases branching and flowering

### Dosage and Application

10 grams per litre of water. "Dosage may vary based on crop & soil type"

### Pack Size

1 kg



# GROMOR SPRAY / NUTRI SPRAY

## 13:0:45 (Potassium Nitrate)

### Features

- Contains 13% Nitrogen and 45% Potassium Oxide
- High solubility, high purity, free flowing and low salt index
- Virtually free of Chloride, Sodium and other elements detrimental to plants
- Easy and safe to use
- Ideal source of foliar Potassic nutrition, due to Potassium-Nitrate synergism

### Benefits

- Acts as a flowering and fruiting booster
- Satisfies hidden hunger of Potash
- Facilitates uniform and early crop maturity
- Increases size and yield of fruits and seeds
- Enhances resistance to pests, diseases and stress (frost)

### Dosage and Application

10 grams per litre of water. “Dosage may vary based on crop & soil type”

### Pack size

1 kg



# GROMOR SPRAY/ NUTRI SPRAY

## 0:0:50 (Potassium Sulphate)

### Features

- Rich source of Potash and Sulphur
- Most effective source of Potassium for Chloride-sensitive crops (fruits, vines, tobacco, potato, vegetables, etc.)
- Low salt index and non – hygroscopic
- Chloride – free

### Benefits

- Satisfies hidden hunger of Potash and Sulphur
- Increases size and yield of fruits and seeds
- Increases dry matter content of potato
- Improves shape and shine of fruits and seeds

### Dosage and Application

10 grams per litre of water. “Dosage may vary based on crop & soil type”

### Pack size

1 kg



# GROMOR SPRAY/ NUTRI SPRAY

## 12:61:0 (Mono Ammonium Phosphate)

### Features

- Contains 12% Nitrogen and 61% Phosphorous
- Low pH (4-4.5)
- Free of Chloride, Sodium and other elements detrimental to plants
- Provides immediate Phosphorous whenever crop demand for it is very high

### Benefits

- Helps in fast and healthy vegetative growth
- Acts as a flowering booster
- Induces more number of flowers and fruiting process
- Improves shelf life of the produce
- Best and most cost-effective source of Phosphorous for foliar sprays

### Dosage and Application

10 grams per litre of water. "Dosage may vary based on crop & soil type"

### Pack Size

1 kg



# GROMOR SPRAY/ NUTRI SPRAY

## 0:52:34 (Mono Potassium Phosphate)

### Features

- Contains two essential plant nutrients - Phosphorous (52%) and Potassium (34%)
- Low salt index, high purity and easily assimilable nutrients
- Ideal for foliar application to supply Phosphorous and Potassium during their high-demand stage

### Benefits

- Helps in fruit and grain formation
- Improves fruit quality and enhances taste and colour
- Improves value and quality of crops
- Promotes accumulation of starch and sugars
- It gives resistance against diseases like powdery / downy mildew, reddening of leaves and similar diseases in grapes, mangoes, peas, vegetables, flowers etc.
- Improves productivity and alternate bearing in mango

### Dosage and Application

10 grams per litre of water. "Dosage may vary based on crop & soil type"

### Pack Size

1 kg



# GROMOR SPRAY/ NUTRI SPRAY

## Calcium Nitrate

N:15.5 Ca: 18.5

### Features

- Contains 15.5% Nitrogen and 18.5% Calcium
- 100% water-soluble Calcium

### Benefits

- Improves strength of cell wall, promotes root and shoot growth
- Act as flowering booster
- Makes plant healthy and tolerant to fungal and bacterial diseases, water stress, etc.
- Effectively corrects Calcium deficiencies / disorders
- Improves quality and yield of produce
- Reduces post-harvest losses, improves storage properties of vegetables, fruits and flowers

### Dosage and Application

10 grams per litre of water. “Dosage may vary based on crop & soil type”

### Pack Size

1 kg



**Water Soluble Fertilisers**

# Fertigation

Generic Fertigation Fertiliser

# GROMOR POWER

## 28:28:0

Gromor Power 28:28:0 is an innovative, fast action 100% water-soluble fertiliser containing high N & P. It provides immediate nutrition to the crop during the peak growth stage.

### Features

- Promotes vegetative growth, thereby helps in crop vigour
- Provides requisite N, P nutrition during the peak vegetative growth
- Acts as a yield booster

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. "Dosage may vary based on crop & soil type"

### Pack Sizes

25 kg



**Water Soluble Fertiliser**

# Fertigation

Crop Specific Range

# GROMOR FITSOL

## Solanaceae 1 & 2

**Grade 1 - N:P:K:S - 21:12:16:2 and Grade 2 - N:P:K:S - 14:5:32:2**

Gromor Fitsol Solanaceae is a unique 100% water soluble fertiliser developed for fertigation application in solanaceous crops like tomato, chilly, capsicum, potato, brinjal etc. It contains Nitrogen, Phosphorous and Potassium enriched with secondary and important trace elements. It is highly customised and recommended for solanaceous crops for higher productivity in terms of quantity and quality.

### Features

- Grade 1 contains N:P:K:S - 21:12:16:2 with Mg, Zn, B, Fe, Mn, Cu and Grade 2 contains N:P:K:S - 14:5:32:2 with Mg, Zn, B, Fe, Cu
- Advance water-soluble fertiliser for fertigation in solanaceous crops
- Highly customised (crop and stage specific) solution for fertigation crops
- Enriched with primary and secondary micronutrients (9-10 nutrients in each product)
- Non-volatile, easy to apply with no Nitrogen losses to the atmosphere
- It is a free flowing product that quickly dissolves in water

### Benefits

- Boosts the yield of solanaceous crops, as it is a customised product with most important nutrients required for crops
- Well balanced NPK ratio enriched with Sulphur, desirable for improving crop quality (high pungency & better shelf life)
- K based product with Nitrate form of Nitrogen. Synergism helps in better uptake of Potash which helps in better fruit size
- Early fruiting and uniform maturity throughout the crop
- No flower drop and excellent fruit setting

### Dosage and Application

Tomato : Grade 1 : 100 kg/acre (2 kg/day) (from 10 DAT to 60 DAT)

Grade 2 : 140 kg/acre (2-2.5 kg/day) (from 61 DAT to 120 DAT)

Chilli : Grade 1 : 100 kg/acre (2 kg/day) (from 10 DAT to 65 DAT)

Grade 2 : 120 kg/acre (1.5 kg/day) (from 66 DAT to 145 DAT)

Potato : Grade 1 : 50 kg/acre (1.5 kg/day) (from 15 DAP to 50 DAP)

Grade 2 : 75 kg/acre (2 kg/day) (from 51 DAP to 85 DAP)

Note\*: Follow tomato schedule for brinjal, follow chilli schedule for capsicum with grade 2 dose as 2 kg/day. It can be used for secondary crops like watermelon, muskmelon and cucumber

“Dosage may vary based on crop & soil type”

**Pack Size:** 25 kg



# GROMOR FITSOL

## Banana 1 & 2

**Grade 1 - N:P:K - 13:12:26 and Grade 2 - N:P:K - 10:5:36**

Gromor Fitsol Banana is a unique 100% water soluble mixture of fertilisers developed for fertigation application in Banana. It contains Nitrogen, Phosphorous and Potassium enriched with secondary and important trace elements. It is highly customised and recommended for banana crop for higher productivity in terms of quality and quantity.

### Features

- Crop-specific customised solution
- Fitsol Banana Grade 1 contains N:P:K - 13:12:26 with S, Mg, Zn, B, Fe, Mn, Cu and Fitsol Banana Grade 2 contains N:P:K - 10:5:36 with S, Mg, Zn, B, Fe, Cu, Mn
- Advanced 100% water-soluble mixture of fertilisers for fertigation
- Enriched with primary, secondary & micronutrients (9-10 nutrients in each product)
- Two products for complete fertigation schedule as per crop stages
- In alkaline soils, Fitsol Banana lowers the pH in the root zone which helps to improve availability of Phosphates and certain trace elements

### Benefits

- Boosts the yield of banana
- Well balanced NPK ratio enriched with Sulphur, desirable for improving crop quality (better taste & shelf life)
- K-based product with Nitrate form of Nitrogen. Synergism helps for better uptake of Potash which help in better fruit size
- Compact bunch and uniform maturity throughout the crop cycle

### Dosage and Application

Stage	DAT	Product	Dose
Root Development	15-50	Gromor Fitsol Banana 1	25 kg/acre
Vegetative	51-105	Gromor Fitsol Banana 1	200 kg/acre
Shooting	106-180		
Bunch Development	181-240	Gromor Fitsol Banana 2	150 kg/acre
Fruit Development	241-280		

“Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR FITSOL

## Pomegranate 1 & 2

**Grade 1 - N:P:K:S - 8:14:27:4 and Grade 2 - N:P:K - 10:7:35**

Gromor Fitsol Pomegranate is a unique 100% water-soluble fertiliser developed for fertigation application in Pomegranate. It is a highly customised fertiliser (crop & stage specific: flowering & fruit setting, fruit enlargement & maturity) that ensures complete and balanced nutrient delivery for higher productivity, in terms of quantity and quality.

### Features

- Crop-specific customised solution
- Fitsol Pomegranate Grade 1 contains N:P:K:S -8:14:27:4 with Mg, Zn, B, Fe, Mn, Cu and Fitsol Pomegranate Grade 2 contains N:P:K - 10:7:35 with Mg, Zn, B, Fe, Cu, Mn
- Ensures balance nutrition in the crop
- Advance 100% water-soluble mixture of fertilisers for fertigation

### Benefits

- Good fruit weight for export quality
- Dark red colour in pomegranate
- Quality fruit production in terms of shape, size and taste
- Uniform maturity and uniform colouring
- Prevents flower drop, fruit drop and controls the suckers/shoots or excess vegetative growth during fruit development

### Dosage and Application

At flowering or fruit set (29-106 DAI) – Gromor Fitsol Pomegranate 1 @ 75 kg/acre

At fruit enlargement and maturity (107-184 DAI)-Gromor FITSOL Pomegranate 2 @ 120 kg/acre

“Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR FITSOL

## Sugarcane 1 & 2

**Grade 1 - N:P:K:Mgo:S - 10:28:16:3:2 and Grade 2 - N:P:K:S - 12:00:38:2**

Gromor Fitsol Sugarcane is a 100% water-soluble fertilizer developed for fertigation application in sugarcane crop which contains Nitrogen, Phosphorous and Potassium enriched with secondary and important trace elements. It is highly customized and recommended for sugarcane crop for higher productivity in terms of quantity and quality.

### Features

- Crop-specific and stage-specific grades for fertigation
- Fitsol Sugarcane Grade 1 contains N:P:K:MgO:S - 10:28:16:3:2 with Zn, B, Fe, Mn, Cu and Fitsol Sugarcane Grade 2 contains N:P:K:S - 12:00:38:2 with Mg, Zn, B, Fe, Cu, Mn
- Easy to use – High nutrient efficiency
- Tailor made solution for macro - micronutrients
- Designed with pH control mechanism
- Unique solution centric product - High yield and better profit

### Benefits

- Well-balanced NPK ratio enriched with Magnesium and Sulphur improves cane quality (quality juice with higher brix%)
- Its K- based formula with nitrate in form of nitrogen leads to synergism, which helps in better potash uptake required for sugar production
- Helps in increasing number of tillers, cane thickness and internodal length
- A balanced pH (4.5) allows better nutrient uptake even in alkaline soils
- Non-volatile, easy to apply with no nitrogen losses to the atmosphere

### Dosage and Application

Stage	DAP	Product	Dose
Tillering	36-100	Gromor Fitsol Sugarcane 1	75 kg/ac (7kg/week/ac)
Grand Growth	101-270	Gromor Fitsol Sugarcane 2	100 kg/ac (4.1 kg/week/ ac)

“Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR FITSOL

## Grapes 1, 2 & 3

**Grade 1 - N:P:K:S - 13:26:13:3, Grade 2 - N:P:K:S - 9:31:16:2 and Grade 3 - N:P:K:S - 10:0:35:4**

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

### Features

- Customized nutritional solution for Grapes
- Fitsol Grapes Grade 1 contains N:P:K:S 13:26:13:3 with Mg, Zn, Fe, B, Mn, Cu, Fitsol Grapes Grade 2 contains N:P:K:S 9:31:16:2 with Mg, Zn, Fe, B, Mn, Cu and Fitsol Grapes Grade 3 contains N:P:K:S 10:0:35:4 with Mg, Zn, Fe, B, Mn, Cu
- Ease of use: Stage specific three grades for both pruning cycles
- Tailor made: Enriched with macro and micronutrients
- pH optimized products ensure higher NUE
- K based formula with nitrate nitrogen having synergism for better uptake and reduces ammoniacal toxicity

### Benefits

- Fitsol Grapes Grade 1
  - Early and uniform sprouting of buds
  - Better canopy development
  - Uniform flowering & longer inflorescence
- Fitsol Grapes Grade 2
  - Greater cane length & better cane maturity
  - Greater number of bunches per vine
  - Excellent berry setting
  - More berries per bunch
- Fitsol Grapes Grade 3
  - More bunch weights 400gm+
  - Uniform bunch development (>95% uniformity)
  - Less pink berries & water berries (0-1%)
  - Higher yield by 15-20%
  - Export quality production (18+Berry size, more brix 17+)
  - Higher ROI to Farmer



### Dosage and Application (“Dosage may vary based on crop & soil type”)

Stage	FITSOL Grapes Grade 1	FITSOL Grapes Grade 2	FITSOL Grapes Grade 3
April pruning	Pre bud differentiation (0-40 DAP)	Bud differentiation (41-65 DAP)	Post bud differentiation (66-120 DAP)
Dose	25 Kg/ac	50 Kg/ac	25 Kg/ac
October Pruning	Bud burst to flowering (0-30 DAP)	Flowering to fruit set (31-75 DAP)	Fruit set to veraison (76-105 DAP)
Dose	50 Kg/ac	115 Kg/ac	75 Kg/ac

### Pack Size

25 kg

DAP- days after pruning

**Water Soluble Fertiliser**

# Fertigation

Generic Fertigation Fertiliser

# GROMOR POWER

## 16:8:24 + TE

Gromor Power 16:8:24 is a unique, crop specific, water-soluble fertilizer especially designed for fertigation application in flower crops. It is enriched with primary, secondary and micronutrients, which gives your crop the right balance of nutrition at the right stage.

### Features

- Ensures export quality flower production
- Contains N:P:K (16:8:24), S, Mg, Zn, B, Fe, Mn, Cu
- Ideal NPK Ratio (2:1:3) fortified with secondary and critical trace elements
- Best suited for application for flower crops under open and polyhouse conditions

### Application

Use through drip during vegetative and generative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR POWER / NUTRIDRIP

## 19:19:19

### Features

- Contains all three forms of Nitrogen
- Made of high-quality ingredients
- Contains 100% plant nutrients
- Virtually free of Chloride, Sodium and other elements detrimental to plants
- Provides balanced, complete plant nutrition

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR POWER

## 13:40:13

### Features

- Made from high quality ingredients
- Virtually free of Chlorides, Sodium and other elements detrimental to plants
- N:P: K fertiliser with ratio 1:3:1 ensures profuse flowering, flower setting and fruit setting
- Suitable for all crops and helps in root development, bud differentiation, early maturity in crops
- Most suitable for fast and bumper white root development

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Size

25 kg



# GROMOR POWER / NUTRIDRIP

## 13:0:45 (Potassium Nitrate)

### Features

- Contains two essential nutrients – Nitrate (13%) and Potash (45%)
- Consists of 100% plant nutrients
- Virtually free of Chloride, Sodium and other elements detrimental to plants
- Effectively absorbed by plants
- Non-volatile, easy to apply with no atmospheric loss of Nitrogen

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Sizes

5 kg, 25 kg



# GROMOR POWER / NUTRIDRIP

## 0:0:50 (Sulphate of Potash)

### Features

- Rich source of Potassium for the final phase of the crop's growth
- Acidic nature helps to prevent blockage of nozzles and drip lines of the irrigation system
- Low salt index
- Chloride-free
- Non-hygroscopic
- Free-flowing crystalline powder
- Can be mixed with other water-soluble fertilisers (not containing Calcium)

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. "Dosage may vary based on crop & soil type"

### Pack Sizes

5 kg, 25 kg



# GROMOR POWER / NUTRIDRIP

## 12:61:0 (Mono Ammonium Phosphate)

### Features

- Contains Nitrogen (12%) and Phosphorous (61%)
- Very low in Chloride, Sodium and heavy metals
- Free- flowing crystalline powder that dissolves quickly in water
- Can be mixed with other water-soluble fertilisers (not containing Calcium)
- Low pH (4-4.5)

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Sizes

5 kg, 25 kg



# GROMOR POWER / NUTRIDRIP

## 0:52:34 (Mono Potassium Phosphate)

### Features

- 100% assimilable nutrients, ensuring total availability of Phosphorous and Potassium
- Highest nutrient containing fertiliser (86%)
- Free of Chloride, Sodium and heavy metals
- Free- flowing crystalline powder that dissolves quickly in water
- Can be mixed with other water-soluble fertilisers (not containing Calcium)
- Low salt index(8.4)

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Sizes

5 kg, 25 kg



# GROMOR POWER / NUTRIDRIP

## Calcium Nitrate

N 15.5% Ca 18.5%

### Features

- Contains 15.5% Nitrogen and 18.5% Calcium
- 100% water-soluble Calcium
- Free of Chloride, Sodium and heavy metals
- Free-flowing product that dissolves quickly in water
- Improves soil condition
- Highly beneficial for alkaline, saline, sandy soils
- Facilitates quality fruit production

### Application

Use through drip during vegetative stage of the crop

### Dosage

Fertigation: As per recommended dosage. “Dosage may vary based on crop & soil type”

### Pack Sizes

5 kg, 10 kg, 25kg



# GROMOR POWER

## Boronated Calcium Nitrate

15.5% N +18% Ca & 0.3% B

### Features

- Highly water-soluble; Contains dual nutrients Ca & B important for F&V
- Free of Chloride, Sodium and heavy metals
- Free flowing product that quickly dissolves in water
- Helps the plants in higher conversion of flowers to fruits
- Vital for the growth, physical strength, flowering, fertilisation and fruit set of the plants
- Increases uptake of other nutrients & provides uniform shape & colour to produce

### Application

Use through drip during vegetative and generative stage of crop

### Dosage

Fertigation: As per recommended dosage. "Dosage may vary based on crop & soil type"

### Pack Size

25 kg



# Micronutrients & Secondary Nutrients

# FOLIBOR

Folibor (Disodium Octaborate Tetrahydrate)

## Features

- Ideal Boron fertiliser containing 20% Boron
- Powder form suited for foliar application as well as fertigation
- Readily soluble in water
- Quickly dissolves in water and in more viscous liquids, even at low temperatures
- Compatible with all kinds of pesticides
- High uptake through leaves

## Dosage and Application

- Foliar Application: Prepare solution (1-1.5 g in one litre of water) and spray 2-3 times during critical stages of crop growth
- Fertigation: 500 g per acre, 2-3 times during critical stages of crop growth  
“Dosage may vary based on crop & soil type”

## Pack Sizes

100 g, 250 g, 1 kg



# GROMOR GRANUBOR /SOILBOR

Boron 15% (Disodium Tetraborate Pentahydrate)

## Features

- Contains Boron (15%) in 2-4 mm sized granules
- Granular form suited for uniform soil application
- Highly crush-resistant during transport and handling

## Benefits

- Blends uniformly with other granular fertilisers, thereby avoiding segregation
- Releases Boron slowly and is available throughout the crop period

## Dosage and Application

2-3 kg/acre during sowing or one month before flowering. “Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 25 kg



# NOVOZIN

Novozin is chelated Zinc in EDTA form which is superior from other normal sources of Zinc like Zinc Sulphate 21% and 33%. In Zinc Sulphate, the use efficiency is 3-5% under high pH conditions whereas in case of Novozin use efficiency is 80-90%.

## Features

- Novozin (Zn EDTA in chelated form) is readily available and easily translocated within plants, unlike Zinc Sulphates (Zn 21% & Zn 33%) which are partly systemic

## Benefits

- In high pH conditions also, Novozin is available for the plant since it is chelated and stable, whereas Zinc Sulphate may not be available
- It can be applied with complex fertilisers or urea as soil application, as it does not react with phosphates
- Foliar application of Novozin provides Zinc immediately to the crop
- It is fully soluble in water and can be used in fertigation also

## Dosage and Application

- Soil Application: Mix 500 g of Novozin with 10 kg soil/carriers and apply uniformly in one acre
- Foliar Application: Dissolve 100 g of Novozin in 150-200 litres of water and spray over one acre of standing crop
- Fertigation: 500 g per acre; can be mixed with water soluble fertiliser for application.  
“Dosage may vary based on crop & soil type”

## Pack Sizes

100 g, 200 g, 500 g



# CARAT

Zinc 33% (Zinc Sulphate Monohydrate) powder for soil & foliar application.

## Features

- Contains Zinc (33%) and Sulphur (15%).
- Zinc Monohydrate in powder form.
- Powder dissolves readily in water and is immediately and completely available to crops.

## Benefits

- Efficiently corrects Zinc deficiency through foliar/soil application.

## Dosage and Application

- Soil Application: Mix 5 kg of Carat in 10 kg of soil and apply uniformly on one acre.
- Foliar Application: Mix 200 g of Carat in 100litres water and spray uniformly on one acre crop.
- If the crop is severely Zinc-deficient, repeat spray after 7-10 days.  
“Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 4 kg, 5 kg



# GROMOR SAMTUL

Gromor Samtul is a micronutrient mixture fertilizer for Andhra Pradesh, Telangana, Madhya Pradesh, Rajasthan & Uttar Pradesh for soil application.

## Features

- It is scientifically blended with multiple micronutrients as per specifications notified by respective State governments.
- Tailor made fertilizer for soil application to crops.

## Benefits

- Corrects multiple Micronutrients deficiency in soils.
- Promotes balanced fertilization of soils.
- Helps in increasing the crop growth and yield.

## Dosage and Application

- Soil Application: 5-10 kg /acre at the time of sowing or transplanting.  
“Dosage may vary based on crop & soil type”

## Pack Sizes:

AP & TG - 10 kg

Madhya Pradesh – 5 kg

Rajasthan – 10 kg, 25 kg

Uttar Pradesh – 1 kg, 5 kg



# GROMOR F4

Gromor F4 is a micronutrient mixture fertilizer for Andhra Pradesh & Telangana for foliar application.

## Features

- It is scientifically blended with multiple micronutrients as per specifications notified by respective state governments.
- 100% Water soluble & tailor-made fertilizer for foliar application.
- Contains Zinc (Zn-6%), Iron (Fe-4%), Manganese (Mn-3%), Boron (B-2%), Copper (Cu-1%) & Molybdenum (Mo-0.05%).

## Benefits

- Corrects multiple micronutrient deficiencies in crops.
- Helps in increasing the crop growth and yield.

## Dosage and Application

- Foliar Application: 3-5 g /litre during critical stage of crop growth.  
“Dosage may vary based on crop & soil type”

## Pack Sizes:

AP & TG – 500 g, 1 kg



# GROMOR MAGNESIUM SULPHATE / GROMOR GROMAG

Gromor Magnesium Sulphate for foliar & soil application.

## Features

- Contains two secondary nutrients – Mg-9.6% & S-12%
- Ease of handling & application
- Highly soluble

## Benefits

- Enhances the photosynthesis of plants by improving chlorophyll content of leaves thus resulting in better growth and development
- It improves the plant metabolism by activating specific enzyme systems
- Corrects Magnesium deficiency in plants which is an essential component for energy production and protein synthesis

## Dosage and Application

- Soil Application: 25 kg -50 kg / acre at the time of sowing or transplanting
  - Foliar Application: 4-5 g/litre
- “Dosage may vary based on crop & soil type”

## Pack Sizes

1 kg, 5 kg, 10 kg, 25 kg, 50 kg



# Liquid Fertilisers

# ACUMIST ZINC

## ZINC OXIDE SUSPENSION CONCENTRATE(39.5% Zn)

As a modern farmer you are always looking for advanced technology for your farming, so that your harvests and the quality of your crops can be better. To deliver just that, we bring you this advanced fertiliser to deliver superior results for your crops. Made in India for the Indian farmer, AcuMist Zinc has a high concentration of Zinc (39.5% Zn w/v) with the latest stable suspension technology which ensures uniform spread of Zinc across the crops. It has special additives that helps in super spreading action with better use efficiency.

### Features

- It is a foliar spray fertiliser
- High Zinc concentration (39.5%) in suspension form
- Stable suspension formulation with good flowability
- Special additives for ensuring super spreading action & rain fastness
- Particle size distribution optimised to achieve maximum uptake
- Rapid action with good mobility within the plant

### Benefits

- Improved 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 quick manner
- Promotes nitrogen metabolism and produces protein and starch
- Zinc plays a key role in auxin & carbohydrate metabolism and pollen formation

### Dosage and Application

0.5-2 ml/ litre of water (depending on the crop) “Dosage may vary based on crop & soil type”

### Pack Sizes:

100ml, 250ml, 500ml and 1Litre



# ACUMIST CALCIUM

## CONCENTRATED LIQUID CALCIUM(11% Ca)

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.

### Features

- It 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

- It is a liquid formulation which allows higher calcium availability to the plant
- It makes the cell wall strong, which increases resistance to pests & disease
- It's 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 pit in apple and black heart in vegetables

### Dosage and Application

3-5 ml/ litre of water (depending on the crop) . “Dosage may vary based on crop & soil type”

### Pack Sizes:

100ml, 250ml, 500ml and 1Litre



# ACUMIST BORON

## BORON-ETHANOLAMINE (10%)

AcuMist Boron 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

### Features

- It 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

### Benefits

- It is 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
- It's application 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

### Dosage and Application

1-2 ml/litre of water (depending on the crop).

“Dosage may vary based on crop & soil type”

### Pack Sizes:

100ml, 250ml, 500ml and 1Litre



# Nutriboosters

# VIGO GOLD

Vigo is enriched with proprietary plant extracts to improve plant growth as well as soil properties.

## Features:

- Rich in proprietary plant extracts
- 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
- Meets 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, Oil seeds, 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 4 kg/acre Mycoritz at the time of sowing/first top dressing

## Application Method:

Mix 4 Kg of Mycoritz evenly in organic manure/sand and broadcast at the time of sowing/first 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:** Recommended for all crops.

**Dosage:** 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 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
- GODAVARI NCAKE

## 5. Crop Specific PDM Range :-

- Areca Shakti
- Coffee Bliss

# GODAVARI KARBON+

Carbonise your soil

We are all aware that Coromandel has been producing quality fertilisers for the last 50 years. Keeping in view the water pollution and the change of nutritional balance in the soil and in order to obtain higher yields, Coromandel International Limited has developed and introduced into the market a superior quality organic manure Godavari Karbon+ (city compost), which can increase the soil efficiency and makes the soil more fertile.

## Features

- Karbon+ a ready-to-use organic manure which is prepared by completely decomposing the organic wastes available naturally by the actions of the micro-organisms
- Contains organic Carbon, Nitrogen and Phosphorous
- Contains the micro-organisms which are required for stabilising Nitrogen and melting Phosphorous
- Product is under FCO specifications

## Benefits

- Karbon+ not only increases the fertility of unfertile lands, but also makes the fertile land more fertile
- With the usage of Karbon+, the soil becomes porous, the roots grow well, and it helps the roots to penetrate the soil
- With the usage of Karbon+, the soil absorbs more moisture and retains it for longer period which helps the plant to grow healthily

## Composition

- Total of Nitrogen (as N), Phosphate as  $P_2O_5$  and Potash as  $(K_2O)$  percent by weight minimum- 1.5%
- Organic Carbon% (minimum) - 12%, C:N - <20



# GODAVARI GOLD

## Turning soil into gold

Nothing enriches soil better than Godavari Gold – the finest organic fertiliser (press mud). Made using 100% natural ingredients, Godavari Gold is a rich source of organic nutrients for soil. It also improves the efficiency of chemical fertilisers and makes the soil highly fertile. Use Godavari Gold regularly and you will get the result – significantly enhanced quantity and quality of produce.

### Features

- Fully decomposed organic fertiliser
- Free from weed seeds and harmful pathogens
- Contains organic Carbon, Nitrogen, Phosphorous Potassium & traces of Magnesium
- Enriched with useful micro-organisms like Nitrogen fixers, Phosphate solubilisers etc.

### Benefits

- Increases soil health & fertility
- Improves availability of soil nutrients
- Improves soil aeration & makes roots grow deeper
- Improves quality and yield
- Reduces irrigation frequency
- Enhances useful micro-organisms in the soil

### Composition

- Nitrogen% - 0.5% ; Phosphorous% - 1.0%; Potash% - 1.0%; Organic Carbon% - 16%; C:N Ratio - 20:1
- Moisture per cent - 20%-25%; Maximum Particle Size - < 4mm

### Dosage and Application

150-250 kg/acre, immediate at sowing. “Dosage may vary based on crop & soil type”



# GODAVARI PHOSGOLD

Godavari PhosGold is a unique blend of imported high-grade rock phosphate, organic manure and beneficial Phosphorus Solubilising Bacteria (PSB). Based on the effective Phosphate Rich Organic Manure (PROM) Technology, it adds to the soil not only organic Phosphorus and organic Carbon but also macronutrients (N & K), secondary nutrients (Ca, Mg & S) and many micronutrients.

## Features

- Phosphorous content is 10.45%
- Imported high-grade rock phosphate blended with organic manure
- Rich source of organic Phosphorous and organic Carbon
- Enriched with highly beneficial Phosphorous Solubilising Bacteria (PSB)
- Based on PROM Technology

## Benefits

- Stimulated root development and increased stalk and stem strength
- Improves flower formation and seed production
- Results in more uniform and earlier crop maturity
- Increases N- Fixation capacity of legumes
- Increases resistance to plant diseases
- Improves physical, chemical and biological properties of the soil

## Composition

- Nitrogen% (minimum) - 0.5%, Phosphorous% (minimum) – 10.4%, Organic Carbon% (minimum)- 7.9%, C:N - <20

## Dosage and Application

- Field crops - 50-100 kgs/acre
- Vegetable crops - 50-100 kgs/acre
- Fruit crops - 200-300 gms/plant. “Dosage may vary based on crop & soil type”



# GODAVARI BHUBHAGYA

Give your soil new life and harvest gold

Godavari BhuBhagya rejuvenates and revitalizes the soil in a sustainable way. It is enriched with Nitrogen fixing bacteria and Phosphorus Solubilising Bacteria which helps to increase the use efficiency of NPK and other essential nutrients. It also provides rich organic Carbon to your soil which act as a nutrient reservoir for higher productivity of crops.

## Features

- It contains minimum 14% of organic Carbon
- It contains beneficial microbes – 50 lakh per gram of product
- It contains minimum 3% of primary nutrients. (N, P as  $P_2O_5$  and K as  $K_2O$ )
- It is the unique combination of organic Carbon, nutrient and beneficial microbes
- It is available in granular form

## Benefits

- It improves the physical, chemical and biological properties of the soil
- It ensures that P & K in the soil is available to the crops. It fixes atmospheric Nitrogen
- It also provides primary nutrients which are most critical for overall growth and development of the plant
- Its unique combination of organic carbon, nutrients and beneficial microbes makes it a balanced organic fertiliser which takes care of nutrition and soil health in a holistic way

## Composition

- Organic Carbon (minimum) - 14%
- Total microbial count- 50 lakh per gram of product i.e.  $5 \times 10^6$  /gram
- N, P as  $P_2O_5$  and K as  $K_2O$  (minimum) - 3%

## Dosage and Application

50- 100 kgs/acre At the time of sowing or transplanting. “Dosage may vary based on crop & soil type”



# GODAVARI ZYPPO / GODAVARI ZIP GOLD

Godavari Zypso a phospho - gypsum of superior quality. With two essential secondary nutrients, Calcium and Sulphur, the product offers multiple benefits in form of soil conditioner, reclaimant and fertiliser. Unleash your soil's potential by applying Zypso.

## Features

- Superior quality product manufactured in-house
- Meets stringent FCO specifications
- Homogeneous product of consistent good quality
- Excellent source of Calcium and Sulphur

## Benefits

- Improves soil properties, thereby, enhancing fertility of soil
- Corrects alkaline and saline soils
- Increases the effectiveness of chemical fertilisers
- Fulfills nutritional requirement of crops for Calcium and Sulphur
- Enhances quality and quantity of crops

## Composition

- Calcium Sulphate Dihydrate minimum on dry basis – 70%

## Dosage and Application

- Oilseeds : 3 bags/acre
  - Other crops : 2 bags/acre.
- “Dosage may vary based on crop & soil type”



# GODAVARI TRIGOLD

Godavari Trigold is a high-quality soil conditioner that gives the benefits of essential secondary nutrients – Calcium, Magnesium and Sulphur – all at once. It empowers your soil and crops with the power of 3.

## Features

- Rich source of three secondary nutrients
- Uniform granulated product produced using hi-tech granulation technology
- Works as an excellent soil conditioner and also provides nutrition to plants

## Benefits

- Helps in improving and maintaining soil fertility and productivity
- Enhances nutrient availability to plants by reducing pH of alkaline soils
- Adds vigor to plant and helps in its growth and production, thereby, giving a superior quality produce
- Improves oil synthesis especially in oilseed crops
- Improves disease tolerance of plants

## Composition

- Calcium% (minimum) - 15%, Magnesium% (minimum)- 3%, Sulphur% (minimum) - 8%



# GODAVARI KASH | GODAVARI KRICH

Godavari Kash | Godavari Krich contains organic Potash, a major nutrient, needed by plants. Potassium in Godavari Kash/ Godavari Krich is known as the quality nutrient because of its positive effects on quality factors of yield such as size, shape, colour, taste, shelf life, fiber quality and other quality measures.

## Features

- 14.75% water soluble Potash
- Presence of secondary nutrients & micronutrients for established results
- Lesser Chloride count; free from detrimental effects
- Improves organic Carbon content of the soil
- Supplements other complex fertilisers for better quality

## Benefits

- Increases root growth and improves drought tolerance
- Builds cellulose and reduces lodging
- Enhances many enzyme actions
- Aids in photosynthesis and food formation
- Produces grains rich in starch
- Helps retard crop diseases

## Composition

- Potash% - 14.5%
- Moisture% - 5%

## Dosage and Application

- Field crops - 2-4 bags/acre
- Fruit crops - 100-150 gms/plant. "Dosage may vary based on crop & soil type"



# GODAVARI NRICH

Coromandel brings you the richness of Neem in the form of Godavri Nrich – a rich blend of Neem cake and other highly beneficial cakes and ingredients useful for your soil and crops. Being a natural organic product, it is suitable for all crops. So, apply Godavari Nrich and enrich your soils and crops.

## Features

- Scientific blend of oil cakes
- Richest source of organic Carbon
- Eco – friendly and non – toxic
- Richness of neem – effective pesticide
- High on organic N, P & K

## Benefits

- Helps in reducing fertiliser usage
- Lowers incidence of pests and diseases
- Improves the fertility of soil
- Enriches the quality & yield of crops
- Increases the effectiveness of chemical fertilisers

## Composition

- Nitrogen% - 2-4%, Phosphorous% – 1%, Potash% - 1%, Organic Carbon% - 35%
- Neem cake- 45%, Castor cake-25%, Tobacco dust- 30%

## Dosage and Application

- Target crops - All crops
  - Field crops - 50-100 kgs/acre
  - Vegetable crops - 50-100 kgs/acre
  - Fruit crops - 1-2 kgs/plant
  - Flower crops - 50-100 kgs/acre
  - Oilseed crops - 50-75 kgs/acre
  - Pulses - 50-75 kgs/acre
- “Dosage may vary based on crop & soil type”



# GODAVARI NCAKE

Coromandel brings you the richness of neem in the form of Godavari NCake which is pure neem de-oiled cake. It is organic and beneficial for your soil and crops.

## Features

- Rich Source of Organic Carbon
- Eco-friendly & Non-toxic
- Richness of neem
- High on organic N, P & K
- Anti-nematodes and bio pesticidal effect of Neem
- The dual action of fertilizer & repellent

## Benefits

- Improves the fertility of the soil
- Enriches the quality & yield of crops
- Lower incidents of pests & diseases
- Increases the effectiveness of chemical fertilizers
- Stimulates useful microbial growth
- Stimulates Vegetative growth

## Dosage and Application

- Field crops - 50 - 100 kg/acre at the time of sowing
  - Vegetable crops - 50 - 100 kg/acre at the time of sowing
  - Fruit crops - 1 - 2 kg/plant at the time of planting/ before flowering
  - Flower crops - 50 - 75 kg/acre at the time of sowing
  - Oilseed crops - 50 - 100 kg/acre at the time of sowing
  - Pulses - 50 - 100 kg/acre at the time of sowing
  - Plantation crops - 1 - 2 kg/acre at the time of sowing
  - Medicinal plants - 50 - 100 kg/acre at the time of sowing
- “Dosage may vary based on crop & soil type”



# 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 sperate application is required for micronutrients.
- It increases crop yield by providing balanced nutrition to the plant
- Develops pest and disease tolerance in the plant

## Dosage

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

"Dosage may vary based on crop & soil type"



# 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 sperate application is required
- It increases crop yield by providing balanced nutrition to the plant
- Develops pest and disease tolerance in the plant

## Dosage

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

"Dosage may vary based on crop & soil type"



Notes:



For details / enquiries contact:

**Hello Gromor**

**Toll-free No 1800 425 2828**

or Email: [hellogromor1@coromandel.murugappa.com](mailto:hellogromor1@coromandel.murugappa.com)

## **Coromandel International Limited**

**Corporate Office :** Olympia Terraces, 15B SP, SIDCO Industrial  
Estate, Guindy, Chennai - 600 032, Tamil Nadu, India  
Tel: 91-44-42525300 | CIN: L24120TG1961PLC000892

**Registered Office :** Coromandel House, 1-2-10, Sardar Patel Road,  
Secunderabad - 500 003, Telangana, India

[www.coromandel.biz](http://www.coromandel.biz)