



GANGOTHRI NUTRIENTS & FERTILIZERS PVT. LTD.

AN ISO 9001:2015 CERTIFIED COMPANY
GMP CERTIFIED COMPANY



**Our Quality Assures
Farmers' Ever Happiness!**

About Us

- GNFPPL Incorporated in the year 2010.
- GNFPPL has installed capacity of 1,20,000 TPA.
- Focused onto Manufacturing and Marketing of Agri Inputs such as Macro Nutrients, PGP's & PGR's.
- Possess Licenses to Manufacture and Market Micro Nutrients Mixtures, Formulations 1 to 7, Water Soluble Fertilizers, Organic Fertilizers and Bio Fertilizers in the states of Telangana, Andhra Pradesh, Maharashtra and Karnataka.



Mission

Innovate and introduce the products of excellence for agriculture that can reduce the resource consumption and increase crop production thereby solving one of the major problems that are plaguing the farming community.



Our Strengths...

- Largest granulation plant in South India with 1,20,000 mt per year capacity.
- Quality comes first – Our clients include large fertilizer companies like Coromandel, Nagarjuna, Zuari, Spic, Deepak etc.
- Nutrition company with organic bulk granular fertilizers, micro nutrients, bio stimulants, water solubles and new range specialties.
- New range specialties – Nano range N, NP, PK & Zn products, imported combi products like Boroca (CaO + B), bio stimulants in granular, liquid and powder formulations.
- Full range of Organic Granular Fertilizers like PROM, Organic Potash, cake based, Gypsum Granules, Organic Fertilizers and Secondary nutrients.

Our Team

- Gangothri is managed by a passionate team of individuals with decades of experience who can make a difference and create new benchmarks in agriculture input business.
- Team is a blend of young and experienced professionals from varied domains.



Product Presentation



- Organic Fertilizers • Micro Nutrients • Growth Promoters
- Water Soluble Fertilizers • Nano Fertilizers

Organic Fertilizers



- As fresh organic matter decomposes, the nutrients it contains are released in inorganic form for use by plants. A portion of the nutrients is utilized by the soil microorganisms, but when they die and decompose the nutrients are again released. Organic matter, therefore, is an important source of nutrients for growing plants, especially those which would otherwise be leached from the soil. Decomposing organic matter supplies most of the nitrogen and sulfur, about half of the phosphorus, and appreciable amounts of the other plant nutrients.
- As organic matter decomposes, it becomes chemically altered. This change gives it a negative electrical charge that attracts and holds inorganic elements such as potassium, calcium, magnesium, and several of micronutrients in forms that make them readily available to growing plants. Organic matter increases the moisture holding capacity of soil because organic particles absorb water like a sponge. In short, organic matter improves nutrient supplying power of the soil, soil structure, and moisture holding capacity.

PHOS^RICH™

Stimulated Root Development,
Increased Resistance & Crop Quality

Phosphate Rich Organic Manure (PROM)



Best source of Phosphate produced by co-composting the high grade rock phosphate.



Very effective as phosphate fertilizer even in saline soils prevents Phosphate fixation in soils.



Phosphorus is an essential Macro Nutrient for plant health.



Helps store and transfer energy produced by photosynthesis.

PHOS^RICH™

Stimulated Root Development,
Increased Resistance & Crop Quality

Phosphate Rich Organic Manure (PROM)



COMPOSITION

Total Organic Carbon 7.87
% by Weight, Minimum

Total Phosphates (as P_2O_5) 10.42
% by Weight, Minimum

DOSAGE

50-200 Kgs / Acre

AVAILABLE PACKAGES

50 Kg

ORGANI-K

Source of Secondary and Micro nutrient
Potash Derived from Molasses



First of its kind bulk fertilizer in India which is the only source of Natural Potash.

Source of secondary and micronutrient.

Lesser Chloride count helps in preventing chloride injury especially in crops like tobacco, potato, vegetables etc.

Supplements the Potassium in natural manner, thereby, reducing the dosage of other chemical potash fertilizers.

ORGANI-K

Source of Secondary and Micro nutrient
Potash Derived from Molasses



COMPOSITION

Water Soluble Potash (as K_2O) 14.50
% by Weight, Minimum

Moisture % by Weight, Maximum 5.00

DOSAGE

50-200 Kgs / Acre

AVAILABLE PACKAGES

25 Kg, 50 Kg

Triguna™

• Calcium • Magnesium • Sulphur with Seaweed



Improves Soil Health. Soil pH value will be corrected.



Water holding capacity will be increased in soil.



Development in root system and better uptake of nutrients.



Crops grow healthy and strong, results quality and higher yields.



- Calcium • Magnesium • Sulphur with Seaweed



COMPOSITION

Seaweed Extract	5.0%
Gypsum	70.0%
Dolomite	15.0%
Bentonite	10.0%

DOSAGE

50-200 Kgs / Acre

AVAILABLE PACKAGES

50 Kg

BHUSUDHARINI

• Calcium • Magnesium • Sulphur with Seaweed



Improves Soil Health. Soil pH value will be corrected.



Water holding capacity will be increased in soil.



Development in root system and better uptake of nutrients.



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• Calcium • Magnesium • Sulphur with Seaweed



COMPOSITION

Seaweed Extract	5.0%
Gypsum	70.0%
Dolomite	15.0%
Bentonite	10.0%

DOSAGE

50-200 Kgs / Acre

AVAILABLE PACKAGES

50 Kg

NEEM RAJA

Especially to treat Root Knot Nematodes and
Soil Borne Diseases

Richness of Neem



Fortified organic manure and a right blend of Macro and Micro nutrients leads to higher quality of produce.

Improves soil texture & structure resulting in better absorption facilitates greater uptake of nutrients.

Enhances soil metabolism, thereby increasing microbial population.

Encourages greater root penetration and spread, anchoring the crops well.

Ensures optimal growth during all stages of growth by soil aeration and fine tilth.

Acts as a safe herbal insecticide, because of the presence of Neem extracts.

NEEM RAJA

Especially to treat Root Knot Nematodes and
Soil Borne Diseases

Richness of Neem



COMPOSITION

The main ingredients are Oilseed Cakes from Neem, Mahua, Castor and Karanja Extracts. These are fortified together with Nitrogen, Phosphorus and Potash. NEEM RAJA also contains the benefits of micro nutrients that go well with manures.

AVAILABLE PACKAGES

25 Kg

NEEM RAJA

Especially to treat Root Knot Nematodes and
Soil Borne Diseases

Richness of Neem



DOSAGE

- For all crops a minimum of 200 kg /acre of with the other organic manure.
- Cereals, pulses, and oil seed crops at 100 to 200 kg/acre.
- Sugarcane at 200-300 kg/acre.
- Vegetable and other annual horticultural crops at 200 – 300kg/acre.
- Coconut, fruit crops and plantation crops at 300-400 kg/acre.
- 100 Kgs / Acre as soil application after ploughing. 50 kg pe

ZYPMORE®

High amount of Calcium and Sulphur helps in increasing fertility of the soil.

Phosphogypsum (Granular)



Improves soil structure and porosity

Corrects soil pH

Increases soil aeration

Improves nutrient availability, allows water and nutrients to penetrate into the root system

Helps in reclaiming the alkaline soil

Can be easily broadcasted in the field

Can be applied at any stage of farming

ZYPMORE®

High amount of Calcium and Sulphur helps in increasing fertility of the soil.

Phosphogypsum (Granular)



COMPOSITION

Sulphur (As S) % by Wt.	
Min. on dry basis	13.0
Calcium Sulphate Dihydrate	
Content % by Wt. Min. on dry basis.	70.0

DOSAGE

200-300 Kgs / Acre

AVAILABLE PACKAGES

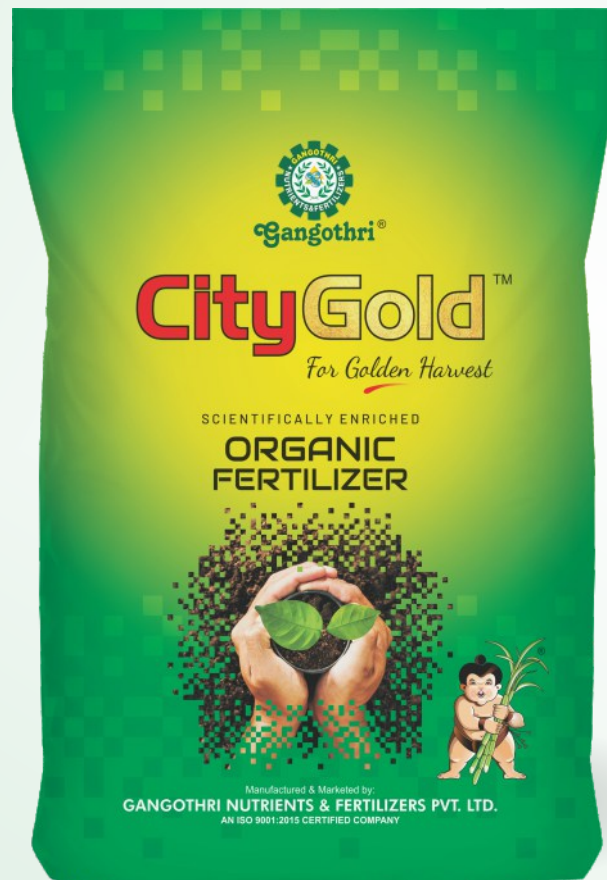
50 Kg

CityGold™

For Golden Harvest

Treats soil with tremendously useful soil microbes and humus helps to aerate soil.

Carbon Rich Organic Fertilizer



Helps in correcting salinity and other pH related soil disorders



Helps to increase soil water holding capacity, therefore crops stand better in drought situations.



Rich in Carbon, and enhances biological activity in soil. An 'all in one' balanced crop nutrition.



Improves FUE (Fertilizer Use Efficiency) which helps to reduce chemical fertilizers and realize full value for money.

CityGold™

For Golden Harvest

Treats soil with tremendously useful soil microbes and humus helps to aerate soil.

Carbon Rich Organic Fertilizer



COMPOSITION (% by Weight)

Moisture Maximum	30
Total Nitrogen (as N) Minimum	0.5
Total Phosphorus (as P ₂ O ₅) Minimum	0.5
Total Potash (as K ₂ O) Minimum	0.5
C:N Ratio	< 20
Total Organic Carbon	15%

DOSAGE

50-200 Kgs / Acre

AVAILABLE PACKAGES

50 Kg



An unique Bio Organic Soil Enricher manufactured from bio gradable organic substances.

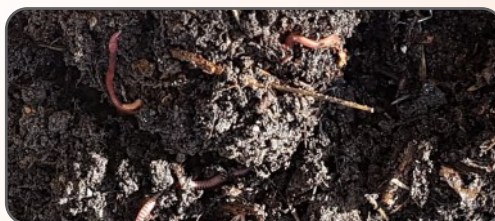
Carbon Rich Organic Fertilizer (Granules)



Helps in correcting salinity and other pH related soil disorders



Helps to increase soil water holding capacity, therefore crops stand better in drought situations.



Rich in Carbon, and enhances biological activity in soil. An 'all in one' balanced crop nutrition.



Improves FUE (Fertilizer Use Efficiency) which helps to reduce chemical fertilizers and realize full value for money.



An unique Bio Organic Soil Enricher manufactured from bio gradable organic substances.

Carbon Rich Organic Fertilizer (Granules)



COMPOSITION

Total Organic Carbon % by Wt, Min 12.0

Total Nitrogen (as N), Phosphate (as P_2O_5) and Potash (as K_2O) % by Wt, Min. 1.2

C:N Ratio. < 20

pH 6.5 - 7.5

DOSAGE

200-300 Kgs / Acre

AVAILABLE PACKAGES

50 Kg

Micro Nutrients



- Micronutrients are essential elements that are used by plants in small quantities. Yield and quality of agricultural products increased with micronutrients application, therefore human and animal health is protected with feed of enrichment plant materials. Each essential element only when can perform its role in plant nutrition properly that other necessary elements are available in balanced ratios for plant.
- Manganese plays an important role on oxidation and reduction processes, as electron transport in photosynthesis. Manganese deficiency has very serious effects on non-structural carbohydrates, and roots carbohydrates especially. Crops quality and quantity decreased due to manganese deficiency, and this is due to low fertility of pollen and low in carbohydrates during grain filling. Zinc deficiency can be seen in eroded, calcareous and weathering acidic soils. Zinc deficiency is often accompanied with iron deficiency in calcareous soils. Iron in the soil is the fourth abundant element on earth, but its amount was low or not available for the plants and microorganisms needs, due to low solubility of minerals containing iron in many places the world, especially in arid region with alkaline soils.

SIRI SAMPADA™

Micronutrient Fertilizer for Soil Application.
Zinc Sulphate Monohydrate



Micronutrient fertilizer with more zinc.



Helps the plants to Improve the nutrient absorption capacity.



Develops sub stems and fruit size



Stops Flower or Fruit drop and also increases yield and produce quality


SIRI SAMPADATM

Micronutrient Fertilizer for Soil Application.
Zinc Sulphate Monohydrate



Plays important role in protein synthesis and production of Auxin.

Regulates vegetative growth as promoter.

Regulates level of Phosphate within the plant body.

For synthesis and activation of various enzymes and growth hormones.

Activates many metabolic activities.

Develops resistance against environmental stress and pathogens.

Ensures timely maturity of the plants.



Micronutrient Fertilizer for Soil Application.
Zinc Sulphate Monohydrate



COMPOSITION

Zinc Sulphate - 33% (Mono)	01.0 Kg.
Non Nutrient Carrier	09.0 Kg.
Total	10.0 Kg.

DOSAGE

10 Kgs / Acre

AVAILABLE PACKAGES

10 Kg



Micronutrient Fertilizer for Foliar Application.
Formulation No. 4 (Telangana & Andhra Pradesh)



Improves the nutrients absorption capacity. Overcomes multi micronutrient deficiency



Booster for crop yield and soil fertility



Develops sub stems and fruit size



Develops growth of more flower and fruit set. Also increases yield quality



Micronutrient Fertilizer for Foliar Application.
Formulation No. 4 (Telangana & Andhra Pradesh)

Helps in correcting multi micro nutrient deficiency in plants.

Enhances the photosynthesis efficiency.

Minimizes shedding of flowers, yellowing of leaves and dropping of shoots.

Improves nutrient absorption capacity thereby increasing flower bunch and fruit bunch.

Increases immunity power of the crop.

Increases the quality of the produce.



Micronutrient Fertilizer for Foliar Application.
Formulation No. 4 (Telangana & Andhra Pradesh)

COMPOSITION : Nutrient % by Wt. (Min.)

Ferrous (Fe)	4.00
Manganese (Mn)	3.00
Zinc (Zn)	6.00
Copper (Cu)	1.00
Molybdenum (Mo)	0.05
Boron (B)	2.00

AVAILABLE PACKAGES

1kg, 500g, 250g



Micronutrient Fertilizer for Foliar Application.
Formulation No. 4 (Telangana & Andhra Pradesh)

DOSAGE

Dissolve 500 grams of 4 Star Max in 200 liters of water and spray it on 1 acre crop field.

- 1st Spray : At the time of crop development / vegetative
- 2nd Spray : At the time of flowering stage / 25 days after 1st spray
- 3rd Spray : At the time of fruit development stage

AGRI RICH

★★★★★ PLUS

Liquid Micronutrient Fertilizer for Foliar Application.
Formulation No. 6 (Telangana & Andhra Pradesh)



Improves the nutrients absorption capacity. Overcomes multi micronutrient deficiency



Booster for crop yield and soil fertility



Develops sub stems and fruit size



Develops growth of more flower and fruit set. Also increases yield quality

AGRI RICH

★★★★★ PLUS

Liquid Micronutrient Fertilizer for Foliar Application.
Formulation No. 6 (Telangana & Andhra Pradesh)

AGRI RICH PLUS is a essential micro nutrient mixture.

It is specially formulated in liquid form and it is recommended to use as foliar spray.

It is recommended on crops like Cotton, Chillies, Fruits, Vegetables and all other crops.

It is used to correct the deficiencies of iron, manganese, zinc and boron which are essential for the healthy growth of plants and excellent crop yields.



AGRI RICH

★★★★★ PLUS

Liquid Micronutrient Fertilizer for Foliar Application.
Formulation No. 6 (Telangana & Andhra Pradesh)

COMPOSITION : Nutrient % by Wt. (Min.)

Ferrous (Fe)	2.00
Manganese (Mn)	2.00
Zinc (Zn)	5.00
Copper (Cu)	-
Molybdenum (Mo)	-
Boron (B)	0.50

AVAILABLE PACKAGES

500ml, 1, 5, 20 liters.





Liquid Micronutrient Fertilizer for Foliar Application.
Formulation No. 6 (Telangana & Andhra Pradesh)

DOSAGE

Gently mix 500 ml of AGRI RICH PLUS in 100 liters of water and spray for 1 acre crop field.

- 1st Spray : At Plant growing stage.
- 2nd Spray : At the time of Flower initiation stage / 25 days after first spray.
- 3rd Spray : After pod formation / 15 days after 2nd spray.



zinc **BHUSURAKSHA**



Micronutrient Fertilizer highest in Zinc.
Formulation No. 7 (Telangana & Andhra Pradesh)



Micronutrient fertilizer with more zinc. Overcomes multi micronutrient deficiency



Helps the plants to improve the nutrient absorption capacity.



Develops sub stems and fruit size



Stops Flower or Fruit drop and also increases yield and produce quality

zinc **BHUSURAKSHA**

★★★★★★



Micronutrient Fertilizer highest in Zinc.
Formulation No. 7 (Telangana & Andhra Pradesh)

Increases the crop yield
application along NPK fertilizers

Reduces the nutrition
losses in soil

Helps to ensure maximum
nutrient abortion in plants

Micro granular nature will
makes uniform application

zinc BHUSURAKSHA



Micronutrient Fertilizer highest in Zinc.
Formulation No. 7 (Telangana & Andhra Pradesh)

COMPOSITION : Nutrient % by Wt. (Min.)

Ferrous (Fe)	0.50
Manganese (Mn)	0.50
Zinc (Zn)	6.00
Copper (Cu)	-
Molybdenum (Mo)	-
Boron (B)	-

DOSAGE

10 Kgs / Acre

AVAILABLE PACKAGES

10 Kg

NayaminTM

Micronutrients Mixture in Pellet Form



Increases the crop yield
application along NPK fertilizers

Reduces the nutrition
losses in soil

Helps to ensure maximum
nutrient absorption in plants

Better spread to all
corners of the field.

No drifting due
to wind.

Pellet form gives uniform
application.

Nayamin™

Micronutrients Mixture in Pellet Form



COMPOSITION : Nutrient % by Wt. (Min.)

Ferrous (Fe)	0.50
Manganese (Mn)	0.50
Zinc (Zn)	6.00
Copper (Cu)	-
Molybdenum (Mo)	-
Boron (B)	-

DOSAGE

10 Kgs / Acre

AVAILABLE PACKAGES

5, 10 Kg

PARISHKAR[®]

Chelated Zinc (Technical)



Helps in activating enzymes.

Facilitates cell division. Adds stalk and stem stiffness.

Helps in developing disease resistance.

Gives health and fullness to grains and seeds.

Improves firmness, texture and size of the fruit.

Controls interveinal chlorosis in young leaves.



PARISHKAR[®]

Chelated Zinc (Technical)



COMPOSITION

Chelated Zinc EDTA 12%

DOSAGE

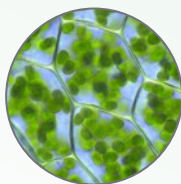
100 g / Acre

AVAILABLE PACKAGES

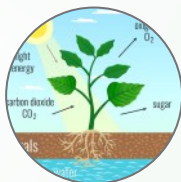
100g, 250g, 500g.

MAGNESIUM SULPHATE

Magnesium Sulphate Fertilizer



It is the central component of chlorophyll. Increases chlorophyll production.



Fastens the Photosynthesis in crops by providing rich nutrients.



With Sulphur Magnesium brings about significant changes in the oil content



For better and quality yields

MAGNESIUM SULPHATE

Magnesium Sulphate Fertilizer



COMPOSITION : % by Wt. (Min.)

Magnesium (As Mg)	9.6%
Sulphur (As S)	12.0%

DOSAGE

10g / Litre water (or) 10 Kgs / Acre as SA

AVAILABLE PACKAGES

1kg, 10kg, 25kg, 50kg.

Boroking

Boron (as B) 20% Minimum



Boroking is an essential micro nutrient for all plants. It plays an important role in cell division. Flowering, fruiting and transportation of food material in the plant system.



Boron deficiency results in various symptoms like yellowing and malformation of young leaves, flower dropping, fruit cracking etc., therefore impact the yield and quality.



Boroking is an ideal micro nutrient fertilizer, contains water soluble boron (B) 20% (Min) to correct Boron deficiency in soils and crops, to maximize crop yield .



Boroking

Boron (as B) 20% Minimum



COMPOSITION

Water Soluble Di Sodium Octa Borate
Tetra Hydrate as
Water Soluble Boron (B) Minimum 20.0%

DOSAGE

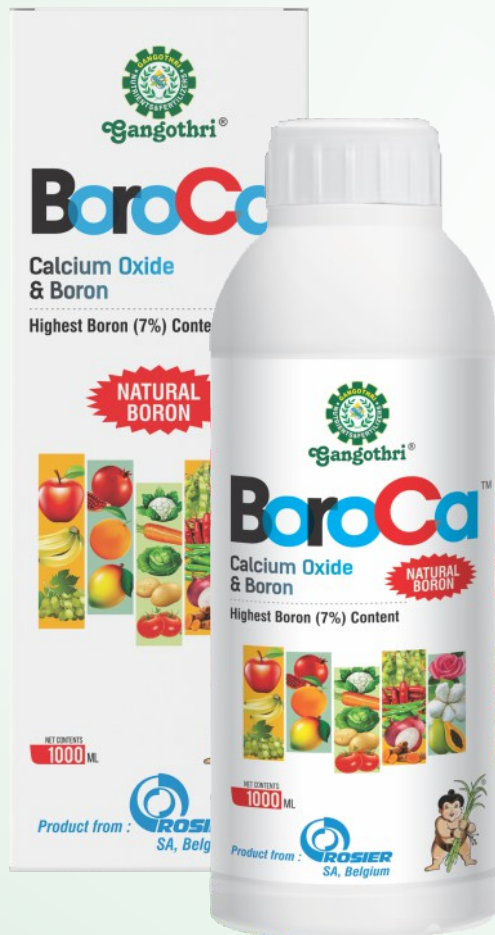
1 - 1.5g / Litre of Water

AVAILABLE PACKAGES

250g. 500g, 1kg.

BoroCa™

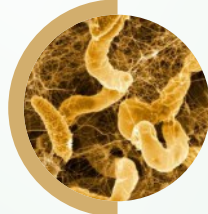
Calcium Oxide and Boron (Natural Boron)



Neutralises the acid reactions of soils and favours softness. It is used for rapid change in pH of soils.



Used as natural manure to boost the growth of vegetation and as substance to improve the quality and properties of the soil.



To improve soil bacteria and other soil microflora to survive or function properly in enhancing soil fertility.



It plays an important role in cell division. Flowering, fruiting and transportation of food material in the plant system.

Corrects Boron deficiency in soils and crops. Plants grow tall and healthy gives quality yields.

BaroCa™

Calcium Oxide and Boron (Natural Boron)



COMPOSITION :

Boron (B)	7.00%
Calcium Oxide (CaO)	12.00%
Other Compounds	81.00%
(Mineral & Inert Ingredient)	
Total.	100.00%

AVAILABLE PACKAGES

1 Litre, 500ml, 250ml

BoroCa™

Calcium Oxide and Boron (Natural Boron)



DOSAGE

Fruit Trees : (Apple, Pomegranate, Grapes, Citrus, Banana & Mango)

1.5 - 2ml / ltr water at fruit set and again fruit color change. It can be repeated two times at two weeks interval.

Commercial & Field Crops : (Cotton, Potato, Soyabean, Sugarcane, Groundnut Maize, Paddy & Sunflower)

Apply 3-4 ml / ltr of water after the full bloom stage and repeated after 15 days interval, if required.

Vegetable & Flower Crops : (Tomato, Cabbage, Cauliflower, Capsicum, Cucurbits, Carrot & Pea)

Apply 3-4 ml / ltr of water at pre-bloom

Growth Promoters



- Growth promoter is a natural / herbal fertilizer, especially designed for the overall growth of the plants. These growth promoters are intended to accelerate the rate of growth and maturation of crops or plants, without disturbing their natural physiological actions. These premium quality plant growth promoters increase the yield as well as control the pests & pathogens. A highly effective and safe biological tonics, these growth promoters boost an all round development of the crops by regulating their metabolic activities from root to the leaves.
- Plant growth regulators (PGRs) are organic compounds, other than nutrients, that modify plant physiological processes. PRGs, called biostimulants or bioinhibitors, act inside plant cells to stimulate or inhibit specific enzymes or enzyme systems and help regulate plant metabolism. They normally are active at very low concentrations in plants.
- The importance of PGRs was first recognized in the 1930s. Since that time, natural and synthetic compounds that alter function, shape, and size of crop plants have been discovered. Today, specific PGRs are used to modify crop growth rate and growth pattern during the various stages of development, from germination through harvest and post-harvest preservation.

merritTM Ag

To Increase Soil Moisture, Fertility and Plant Health
Leading to Higher & Quality Yields

Granulated Bio Fertilizer



Stimulates microbial activity by providing the indigenous microbes with a carbon source of food.



Facilitates root growth thereby increasing nutrient uptake. Helps in making nutrients readily available to soil.



Reduces flower and fruit drop. Promotes superior fruit size and quality.

merritTM Ag

To Increase Soil Moisture, Fertility and Plant Health
Leading to Higher & Quality Yields

Granulated Bio Fertilizer



COMPOSITION

Humic Acid	20% w/w
Hydrolyzed Protein.	30% w/w
Seaweed Extract	10% w/w
Fillers and Stabilizers	40% w/w

DOSAGE

5 - 8 kg / Acre

AVAILABLE PACKAGES

8kg, 10kg, 20kg

Legold[®]

Concentrated Nutrient Booster



Provide drought protection due to improved moisture storage. Improves soil structure



Increase the availability of nutrients already existing in soil. Enhance Root Development



Increases the microbial activity in the soil thus making it an excellent root stimulator. Promote and feeds beneficial fungi



Stabilize urea and other sources of nitrogen. Humic acid provides a source of soil building carbon. Complex All Nutrients

Legold®

Concentrated Nutrient Booster



COMPOSITION

Humic Acid	12% w/w
Hydrolyzed Protein.	12% w/w
Seaweed Extract	12% w/w
Fillers and Stabilizers	64% w/w

DOSAGE

10 kg / Acre

AVAILABLE PACKAGES

10kg, 20kg

Legold[®]

Concentrated Nutrient Booster



Provide drought protection due to improved moisture storage. Improves soil structure



Increase the availability of nutrients already existing in soil. Enhance Root Development



Increases the microbial activity in the soil thus making it an excellent root stimulator. Promote and feeds beneficial fungi



Stabilize urea and other sources of nitrogen. Humic acid provides a source of soil building carbon. Complex All Nutrients

Legold®

Concentrated Nutrient Booster



COMPOSITION

Potassium Humate	12.0%
Hydrolyzed Proteins	12.0%
Aqueous Solution	76.0%
Total	100.0%

DOSAGE

2-3 ml / 1 litre of water

AVAILABLE PACKAGES

1 litre, 500ml, 250ml, 100ml.

Legold®

Concentrated Nutrient Booster



Provide drought protection due to improved moisture storage. Improves soil structure



Increase the availability of nutrients already existing in soil. Enhance Root Development



Increases the microbial activity in the soil thus making it an excellent root stimulator. Promote and feeds beneficial fungi



Stabilize urea and other sources of nitrogen. Humic acid provides a source of soil building carbon. Complex All Nutrients

Legold®

Concentrated Nutrient Booster



COMPOSITION

Humic Acid.	65.00% w/w
Fulvic Acid	25.00% w/w
Fillers & Stabilizers	10.00% w/w
Total	100.00% w/w

DOSAGE

400 grams / Acre

AVAILABLE PACKAGES

1 kg

GANGOTHRI VAM **ROOTRAJA**



Mycorrhizal Fungi - Develops Plant Root System
Mycorrhizal Bio Fertilizer

ROOTRAJA is a combination of Glomus & Gigaspora SPP of Mycorrhizae.

Mycorrhizae is a non pathogenic symbiont association of all land plant roots and soil fungus Vesicular Arbuscular Mycorrhizae (VAM) is an obligated symbiont.

VAM fungus extend their hyphae into the plant root system, helping it to absorb the soil nutrition especially nitrogen and phosphorus and used as a bio fertilizer.

GANGOTHRI VAM **ROOTRAJA**

Mycorrhizal Fungi - Develops Plant Root System
Mycorrhizal Bio Fertilizer



Enhances the root growth there by increased water and nutrient uptake.



Reduces the need for chemical fertilizers.



Increased drought resistance and pathogen resistance.



Increased plant health and stress tolerance.



Higher transplanting success.

GANGOTHRI VAM **ROOTRAJA**



Mycorrhizal Fungi - Develops Plant Root System
Mycorrhizal Bio Fertilizer

COMPOSITION

Mycorrhizae 100 infective propagules
per gram of product

Inert Material Bentonite Crystals

pH 6.0 - 7.5

Moisture Content 10-12%

DOSAGE

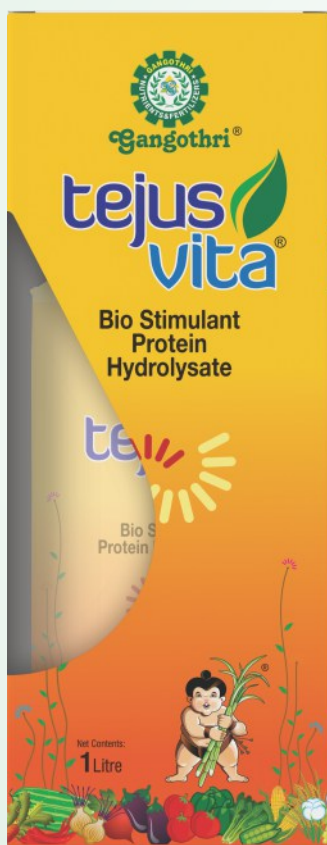
4-8 kg / Acre

AVAILABLE PACKAGES

4kg



A unique proprietary combination of plant based
Amino Acids, Organic and Complex Carbohydrates
Bio Stimulant Protein Hydrolysate



Increase crop spread to a maximum level.



Increases fruit yield abilities by reducing flower drops.



Helps in improving quality, color and size of the produce.



Helps the plants by increasing their resistance against drought.



A unique proprietary combination of plant based
Amino Acids, Organic and Complex Carbohydrates
Bio Stimulant Protein Hydrolysate



COMPOSITION

Amino Acid	12.6%
Protein Hydrolysate	30.0%
Aqueous Solution	57.4%
Total.	100.0%

DOSAGE

0.5 ml / 1 litre of water

AVAILABLE PACKAGES

1 Litre, 500ml, 250ml, 100ml



ICON

A "Vaccine" that enhances the Immunity of Plants
Biorational Protectant



ICON enhances immunity in plants results increase in withstand ability from pest and disease attack and also to overcome during stress conditions.



ICON is a combination of all complex nutrients required to plant and can be used for immediate results.



Disease attack can be controlled effectively by using ICON in required dosage and repeated applications.



Viral diseases like leaf spot, leaf fold, yellowing etc. can be controlled in crops Tomato, Cucumber, Ridgeguard, Bendi, Bitterguard, Snakeguard, Melons etc.



A "Vaccine" that enhances the Immunity of Plants
Biorational Protectant



COMPOSITION

Saponins & Alcohols	33.0%
Plant Extracts	67.0%
Total	100.0%

DOSAGE

2 ml / 1 litre of water

AVAILABLE PACKAGES

500ml, 250ml, 100ml.



Seaweed Extracts Concentrate



Provides organically chelated micronutrients like Iron, Zinc, Boron, Copper, Manganese and Molybdenum particularly during early stages of bud and flower development.

Increase the production of endogenous cytokines auxin plant harmones

Foliar Application of Seamate will result in greater maintenance of chlorophyll leading to green plants.

Enlarge fruit size, increases the yield and improves the quality of the produce.



Seaweed Extracts Concentrate



COMPOSITION

Seaweed Concentration	22.0%
Protein Hydrolysate	30.0%
Preservatives	1.0%
Aqueous Solution	47.0%
Total	100.0%

DOSAGE

2-3 ml / 1 litre of water

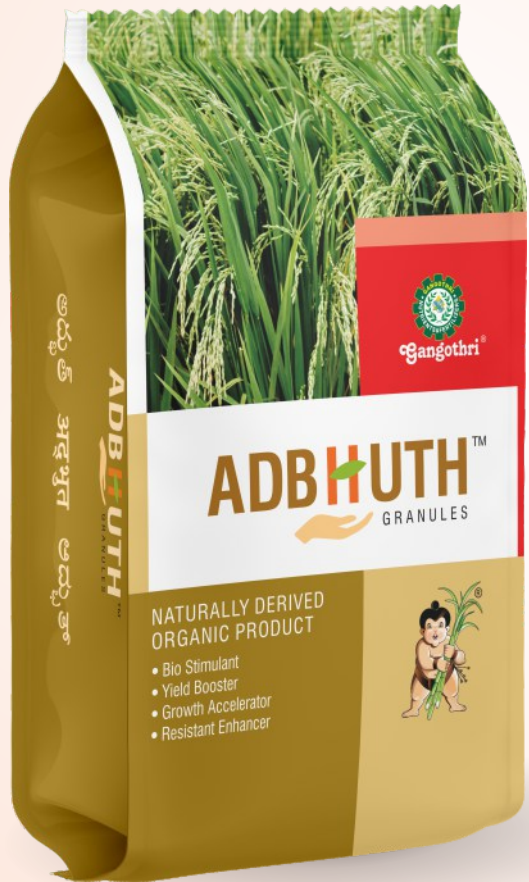
AVAILABLE PACKAGES

1 Litre, 500ml, 250ml, 100ml



Crop Nutrition & Resistance Booster for
Healthy Crop & Increased Yield.

Naturally Derived Organic Product



Increases crop productivity, plant vigor,
plant nutrition and soil fertility.



Strengthens the plant defense mechanism
against pests and diseases.



Controls insects by increasing immunity /
resistance power of plants.

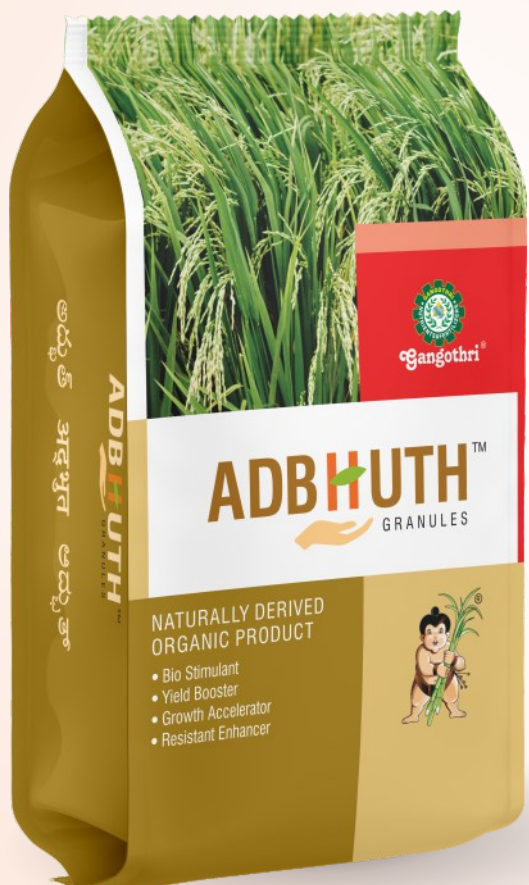


Improves good soil structure
and fertility around the roots.



Crop Nutrition & Resistance Booster for
Healthy Crop & Increased Yield.

Naturally Derived Organic Product



COMPOSITION

Seaweed Extract	35.0% w/w
Hydrolysed Proteins	30.0% w/w
Potassium Humate	20.0% w/w
Fillers / Carriers	15.0% w/w
Total	100.0% w/w

DOSAGE

4 kg / Acre for field crops, 50-100 grams /
plant for Orchard crops.

AVAILABLE PACKAGES

4 kg

UJJIVAN™



Micronised Granules with Better Absorption (MGBA) Technology



As the root system grows better, more nutrients are absorbed. The support of enzymes for the production of hormones continues unabated.



The number of allied microorganisms grows well in the soil.



The leaves form larger and photosynthesis takes place faster, producing more carbs.



The upper and lower layers of leaves becomes thick and get resistant to aphids and mildew.



Grain, nuts and other yields have the uniform quality, weight of the produce increases and yield increases.

UJJIVAN™



Micronised Granules with Better Absorption
(MGBA) Technology

COMPOSITION

Biologically derived Proteins	15.0%
Fulvic Acid	9.0%
Organic Matter	76.0%
Total	100.0%

DOSAGE

20 kgs / Acre

AVAILABLE PACKAGES

20 kg



Water Soluble Fertilizers

- Efficient Fertilizers and Fertilization methods have become the sole answer to large growing demand for efficient Farm Produce. One of the most important challenges facing advanced and progressive farmers is to provide crops with the optimal quantity of Water and Nutrients in the most Cost-efficient manner possible.
- For Intensive High Yield and Quality Crop Production, the best ever answer to this challenge is "FOLIAR SPRAY NUTRITION", where soluble fertilizers are delivered to crops through Foliar Spray Feeding System & thus ensures plant nutrients such as Nitrogen, Phosphorous, Potash & Micronutrients are directed to the plant through Foliage in well balanced proportion. Foliar Spray is a well-established tool to supplement and to enrich plant nutrition.
- Thus Water Soluble Foliar Spray Fertilizers Offers 'A Balance Nutrition Concept' to have higher yields with improved quality and covers all physiological growth stages of crops with pure intention of "A COMPLETE PLANT NUTRITION".

K-Schoenite™

For Rapid and Healthy Growth of Crops
Potassic Fertilizer



It is readily water soluble, immediately available to plants



Suitable for Sensitive and Salt-sensitive crops



It has a neutral pH, does not contribute to soil acidity/alkalinity



Increases Profit Per Acre



Environmental Friendly

It acts as both an enzyme activator and a constituent of many enzymes.

Potassium Schoenite is readily water soluble and immediately available to plants. It has a neutral pH, and does not contribute to soil acidity or alkalinity.

Providing Magnesium and Potassium in the proper balance, Potassium Schoenite helps in increasing plant strength and builds resistance to winter kill, drying, insect attack and spray damage.

K-Schoenite™

For Rapid and Healthy Growth of Crops
Potassic Fertilizer



COMPOSITION

Saponins & Alcohols	33.0%
Plant Extracts	67.0%
Total	100.0%

DOSAGE

10g/Litre Water for Drip (or) 10 kg/Acre as SA

AVAILABLE PACKAGES

1kg., 25kg

FertiLine™

13:00:45



Potassium Nitrate



FERTIGATION



FOLIAR SPRAY



Acts as a flowering agent and fruiting booster.



Meets the requirement of potash in crops.



Promotes flower bud openings and fruit set in deciduous fruit trees. Increase tolerance to drought in several crops.



Increases the quality, appearance and shelf life of flowers, fruits and vegetables.



Increase crop resistance to pests and diseases and survive in adverse conditions such as drought and flood etc.

FertiLine™

13:00:45



Potassium Nitrate

COMPOSITION : % by weight

Moisture Max.	0.5
Total Nitrogen (all in Nitrate form) Min.	13.0
Water soluble Potassium (as K ₂ O) Min.	45.0
Sodium (as Na) Max.	1.0
Total Chloride (as Cl) Max.	1.5
Matter insoluble in water Max.	0.5

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg

FertiLine™

19:19:19



FERTIGATION



FOLIAR SPRAY



Boosts the productivity of the crop when applied during vegetative stages.



Provides immediate nutrient availability and vigour to the crop during adverse conditions like pest infestation and water stress etc.



Increases number of flowers and fruits, acts as yield booster when used along with soil fertilizers.

FertiLine™

19:19:19



COMPOSITION : % by weight

Total Nitrogen (as N) Min.	19.0
Nitrate Nitrogen Max.	4.0
Ammoniacal Nitrogen (as NH ₄) Min.	4.5
Urea Nitrogen Max.	10.5
Water soluble Phosphates (as P ₂ O ₅) Min..	19.0
Water soluble Potash (as K ₂ O) Min.	19.0

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg



Calcium Nitrate



FERTIGATION



FOLIAR SPRAY



Calcium being a 'quality nutrient' enhances quality and shelf life of produce.



The nitrate-nitrogen is readily absorbed by the plant and improves the efficiency of calcium uptake.



Suitable for both foliar spraying and drip irrigation.



Free from sodium and chlorides, which may be harmful to some crops.



Calcium Nitrate



COMPOSITION : % by weight

Total Nitrogen Min.	15.50
(Ammoniacal and Nitrate form)	
Nitrate Nitrogen(as N), Min.	14.50
Water Soluble Calcium (as Ca), Min. . .	18.50
Matter Insoluble in water, Max.	1.50

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg

FertiLine™

00:00:50

Sulphate of Potash



FERTIGATION



FOLIAR SPRAY



Since K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage.



Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen.



This will give better result and excellent yield in all crops like fruits, vegetables, flowers, field crops, foliage crops etc.



All horticultural crops will give awesome results.

FertiLine™

00:00:50



Sulphate of Potash



FERTIGATION



FOLIAR SPRAY

COMPOSITION : % by weight

Water soluble Potash (as K_2O) Min. . . 50.00
Water soluble Sulphur (as S) Min. . . . 17.50

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg

FertiLine™

12:61:00

Mono Ammonium Phosphate



Since N & P is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage.



Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen.



This will give better result and excellent yield in all crops like fruits, vegetables, flowers, field crops, foliage crops etc.



All horticultural crops will give awesome results.

FertiLine™

12:61:00



Mono Ammonium Phosphate

COMPOSITION : % by weight

Moisture Max.....	0.5
Ammoniacal Nitrogen Min.	12.0
Water soluble Phosphorous(as P_2O_5)Min	61.0
Sodium (as NaCl) Max.....	0.5
Matter Insoluble in Water Max.	0.5

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg

FertiLine™

00:52:34

Mono Potassium Phosphate



FERTIGATION



FOLIAR SPRAY



Since P & K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage.



Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen.



This will give better result and excellent yield in all crops like fruits, vegetables, flowers, field crops, foliage crops etc.



All horticultural crops will give awesome results.

FertiLine™

00:52:34



Mono Potassium Phosphate

COMPOSITION : % by weight

Moisture Max.	0.5
Water soluble Phosphorous (as P_2O_5) Min	52.0
Water soluble Potassium (as K_2O) Min.	34.0
Sodium (as $NaCl$) Max.	0.5

DOSAGE

10g / Litre of Water, For Drip - based on the crop stage and frequency of application

AVAILABLE PACKAGES

25kg, 1kg

Nano Fertilizers



- Advanced nano engineering techniques are being used to overcome an agricultural crisis by developing an improved crop production system that assures sustainability. The efficient use of nano materials may reduce the negative environmental impact of conventional agricultural practices. In recent laboratory analyses, it has been reported that nano fertilizers can improve crop productivity by enhancing the rate of seed germination, seedling growth and photosynthetic activity.
- Nano materials incite the plant root and leaf surface, which are the main nutrient gateways of plant systems and highly porous at the nanoscale. The application of nano fertilizers can enhance the nutrient uptake of the plant through these pores, or the process can facilitate complexation with molecular transporters or root exudates through the creation of new pores, or by the exploitation of endocytosis or ion channels.
- The global agricultural landscape has radically changed since the revolution of green nano technology. Nano fertilizers are now being used in specific concentrations, in accordance with the nutritional requirements of the crops, ensuring minimal differential losses.

NANO U

Urea Ammonium Nitrate 32% (N) Liquid



'Gangothri Nano U' foliar nitrogen is supplement of Urea in Ammoniacal and Nitrate form both for providing N to the plant as per requirement in foliar spray to be absorbed by the leaves with zero losses in soil media or polluting ground water.

It fulfills requirements as per the Nitrogen needs of the plant may be applied at intervals costing very less as compared to Granules in an effective manner as per spray in an acre with Mist power sprayer for more effectiveness at lesser cost.

NANO U

Urea Ammonium Nitrate 32% (N) Liquid



This is a special product required for plant growth and keeping plants in healthy form.



This is in purest form and easily absorbed by the plant leaves with less doses.



Helping plants to grow in a healthy manner and producing good quality grains and high yields.



Safe for all i.e., soil, plants, ecology.



Less application and more benefit; a storage House for the plant as it allows nutrition to plants for a longer duration.

NANO U

Urea Ammonium Nitrate 32% (N) Liquid



COMPOSITION : % by weight

Total Nitrogen Min.	32.0
(Urea, Ammonical & Nitrate)	
Urea Nitrogen Min.	16.5
Ammonical N Min.	7.5
Nitrate Nitrogen Min.	7.5
Specific Gravity (at 16°C)	1.30-1.35

AVAILABLE PACKAGES

1 Litre, 500 ml, 250 ml

NANO U

Urea Ammonium Nitrate 32% (N) Liquid



DOSAGE

Foliar Spray - 2-2.5 ml / 1 litre of water as spray depending on crop and growth stages (or) 200 ml / acre.

Drip - 0.6 ml / 1 litre of water in case of polyhouse and indoor plants as root therapy.

APPLICATION TIME

When crop needs nutrition.

RECOMMENDED CROPS

All (Cereals, Pulses, Oil Seeds, Tubers, Vegetables, Orchards, Plantations etc.)

NANO aPp

Ammonium Polyphosphate 12:34:00 (N.P.K) Liquid



NANO aPp is a unique liquid nitrogen-phosphorus fertilizer by Gangothri. Maximum phosphorus availability and absorption by plants compared to traditional solid phosphorus-based fertilizers, especially on soils with high calcium carbonate content.

It ensures yield increase for different crops during foliar application. It is most effective in dry weather conditions.

NANO aPp

Ammonium Polyphosphate 12:34:00 (N.P.K) Liquid



This is a special product required for plant growth providing N and P in Poly form for long lasting effect.



This is in purest form and easily absorbed by the plant leaves with less doses.



Helping plants to grow in a healthy manner and producing good quality grains and high yields.



Increases the duo need of the plants in terms of nutrients and food translocation within the plant system by P at later stage.



This provides the basic food to plants and further nurturing with the nutrition needs of the plants.

NANO aPp

Ammonium Polyphosphate 12:34:00 (N.P.K) Liquid



COMPOSITION : % by weight

Nitrogen	10%
Total Phosphorous (as P_3O_5) min.	34%
Poly-Phosphorous (as P_2O_5) min.	22%
Specific Gravity (at 27°C)	1.2-1.4
pH (5% solution)	3.8-4.2

AVAILABLE PACKAGES

1 Litre, 500 ml, 250 ml

NANO aPp

Ammonium Polyphosphate 12:34:00 (N.P.K) Liquid



DOSAGE

Foliar Spray - 2-2.5 ml / 1 litre of water as spray depending on crop and growth stages (or) 200 ml / acre.

Drip - 0.6 ml / 1 litre of water in case of polyhouse and indoor plants as root therapy.

APPLICATION TIME

When crop needs nutrition.

RECOMMENDED CROPS

All (Cereals, Pulses, Oil Seeds, Tubers, Vegetables, Orchards, Plantations etc.)

NANO KP2

Potassium Polyphosphate 00:24:24 (N.P.K) Liquid



NANO KP2 - Potassium Polyphosphates are described which are useful as fertilizers by supplying phosphate, potash, and micronutrient values to the soil.

The heavy metal potassium polyphosphates may be in the form of finely-divided solids or in the form of a solution of dissolved heavy metal potassium polyphosphates.

NANO KP2

Potassium Polyphosphate 00:24:24 (N.P.K) Liquid



This is a special product required for plant growth providing P and K in Poly form for long lasting effect.



This is in purest form and easily absorbed by the plant leaves with less doses.



Helping plants to grow in a healthy manner and producing good quality grains and high yields.



Increases the duo need of the plants in terms of nutrients and food translocation within the plant system by P & K at later stage.



This provides the basic food to plants and further nurturing with the nutrition needs of the plants.

NANO KP2

Potassium Polyphosphate 00:24:24 (N.P.K) Liquid



COMPOSITION : % by weight

Phosphorous (As P_2O_5 Min.)	24%
Potash (As K_2O Min.)	24%
pH	6-7
Color	Water White

AVAILABLE PACKAGES

1 Litre, 500 ml, 250 ml

NANO KP2

Potassium Polyphosphate 00:24:24 (N.P.K) Liquid



DOSAGE

Foliar Spray - 2-2.5 ml / 1 litre of water as spray depending on crop and growth stages (or) 200 ml / acre.

Drip - 0.6 ml / 1 litre of water in case of polyhouse and indoor plants as root therapy.

APPLICATION TIME

When crop needs nutrition.

RECOMMENDED CROPS

All (Cereals, Pulses, Oil Seeds, Tubers, Vegetables, Orchards, Plantations etc.)

T H A N K Y O U

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