

\* GROUP OF COMPANIES \*

MEHTA OVERSEAS  
Ahmedabad.

MEHTA CHEMICALS  
Ahmedabad.

MEHTA BIO-TECH  
Ahmedabad.

CONTACT INFO

+91 9924089949  
+91 9173917479  
+91 (079)27494538  
ketan@mgoc.in  
ketan\_236@reddifmail.com  
www.mgoc.in  
www.mehtaoverseas.com  
www.mehtachemicals.co.in

LOCATION

Registered Office:  
E-10, Shayona Park Society, Opp.  
Vaibhav Bungalows, Memnagar,  
Ahmedabad-380052, Gujarat (INDIA).  
Factory:  
42, Manorath Industrial Estate,  
Nr. Milan Cinema, Saraspur,  
Ahmedabad-380018, Gujarat (INDIA).

Scan me!



MEHTA OVERSEAS INDIA



www.mgoc.in

## About us...



**Mehta group of companies** is an expert organization, managing in distinctive sorts of Natural and Chemical items. The organization was set up in 2006, and from that point forward we have increased persistent accomplishment to end up a prestigious name in the bio manure industry. Through thorough innovative work, the organization is accompanying most recent definitions and creations of natural manures for plant development and improvement. These manures are experimentally detailed for current aggressive business sector.

Mehta Overseas India utilizes gifted and responsive workforce, who are dependable and responsible for their occupation profile. Proficient showcasing experts advance our image and address all the item related questions of our clients.

Mehta Overseas India is one of the main producer and advertisers of Agriculture Products like Micro Nutrients, Bio-Organic Manure, Bio-Fertilizers, Bio-Pesticides, Bio-Activators and Bio Culture Products in Division of Mehta Bio-Tech. from Ahmedabad, Gujarat, INDIA.

The company has also been engaged in production of variety of fragrances, perfumes and food flavors catering to numerous industries.

Our products are of relevance in incense sticks, tobacco, pan masala and Smoke Fragrance, soaps, detergents and cosmetic industry. Long term dedicated services to our clients has helped us to win customer trust and has also expanded our client base to countries like Switzerland, Saudis and France.

Drawing our resources from nature we constantly experiment with new fragrances and perfumes to give our customers unique and soothing aromas.

## Our Manufacturing Units...

### *We are in Mehta Chemicals...*

- Fragrance
- Fine Fragrance
- Incense Stick (Agarbatti, Dhoop) Fragrance
- Cosmetics Fragrance
- Toilet and Detergent Fragrance

### *We are also Mfg. of...*

- Food Flavor, Pan Masala & Tobacco Flavor
- Food Additives
- Natural Essential Oil

### *We are in Mehta Overseas India...*

- Bio-Organic Fertilizer
- Bio-Pesticides (Herbal Based)
- Bio-Fungicides (Herbal Based)
- Bio-Stimulation
- PGR

### *We are in Mehta Bio-Tech...*

- Bio-Culture Products like,
  - M1 (ONT Liquid with Compost)
  - M2 (ONT Powder with Compost)
  - Fungivex
  - Nematovex
  - Bio-Blast
  - Bio Crystal
  - Econitro
  - Bio Booster Gold
  - Phosphorich
  - Bio Potash Rich
  - Bio Zinc Rich
  - Potash King
  - Phos King
  - Easy MG
  - NPK King
  - Amino King

## BAGBAN (ORGANIC FERTILIZER CITY COMPOST)

### Contents:

SPECIFICATION (%)	MINIMUM STD. (% IN WEIGHT)	AS PER RULES FCO1985
N	0.5	ORG. CARBON(T): 16
P205	0.5	C:N RATIO :20:1 OR LESS
K2O	1.0	MOISTURE:15-25(WHEN PACKED)

What is “BAGBAN” is a Unique Organic Fertilizer Which has major and micro nutrients which are beneficial for plant growth.

It also benefits as follows:

Organic form of carbon and nitrogen improve soil

Better soil aeration.

Increased water and nutrient holding capacity,

Help in supply of growth promoting substances.

Provides major food source for microbial population

Keeping the soil live.



### How to Use ?

For Agriculture : 250 Kg. To 500 Kg. per Acre

For Horticulture Plants : 2 to 3 Kg. per plant

For Household / Indoor Plants : 500 gm. To 1 kg. per plant.

For Lawn and kitchen Garden : 500 gm. To 1 kg. per Sq. Mtr.



## ANIMAL REPELLANT (PIG REPELLANT)

It is easy to control the problem of PIGS in your farm in a non violent way, its smell keeps the PIGS away, it is made of fully organic, extract formulates in the granule form.

**Ingredients :-** Clay granule b. Herbal organic

### Method of Use :

Place the granulate extract in field in the form of line.

Use more Quantity where there is more problems of pigs.

It gives effective control in 15-20 days. If required spray water on the line of Animal Repellant.

**Contents :** Clay granules, neem, custard apple, chilly extract etc. available in liquid and granule form.

## HERBAL SHINE (A Herbal Product for Growth and Shine)



### Introduction :

Herbal Shine contains Basil 10 and natural herbal growth enhancer which can be used on all type of crops like vegetables- chilly, cabbage, peas, lady finger, tomato, lemon, etc., fruits-grape, water melon, etc., cereals, cotton, paddy, Sugarcane wheat, etc. to improve the quality and yield. It is non-toxic, water soluble. It keeps the crop green and shiny for longer time.

### Direction For Use :

Use 2 gms Herbal Shine per liter of clean water and stir well,

\*Spray plants till drenched completely.

For Agriculture use only.

**Note :-** since the use of the product is beyond our control, we can not undertake any responsibility other than quality of the product.

**Contents :** Basil, Maize extracts etc.



## HUMIC

IT IS A NATURAL DERIVATIVE OF Humic acid. It provides all essential nutrients of organic manure

### Benefits :

1. It improves the uptake of micronutrients.
2. It increases the size of seeds.
3. It increases the root growth vigorously.
4. It hastens the crop maturity.
5. It helps the plant to light stress conditions.
6. It stops the flower dropping.

**Contents :** Potassium humate, with natural minerals extracts.



## GREEN FILD

**Greencover** is a eco-friendly biodegradable MULCH sheet which helps to enrich and protect soli, improve soil condition, reduce plant mortality, accelerate plant growth, conserves moisture, and prevent weed growth and insects. It provides a better growing environment by increasing organic matter and providing nutrients to the soil.

As the sheet mulch slowly decompose, it provides organic fertilizers which helps keep the soil soft. This improves root growth, increases the infiltration of water, and also improves the water-holding capacity of the soil. Organic matter is a source of plant nutrients and provides an ideal environment for earthworms and other beneficial soil organisms.

### Products :

**Green Fild** natural organic material enriched mulch sheet

**Green Fild** plant extract enriched mulch sheet

**Green Fild** squares and circles for nurseries

### Areas of Application

Agriculture Farmland	Land Rehabilitation
Forestry	Traffic roundabout
Canal Bank	Horticulture
Landscaping	Eroded Landscape
Landfill Cover	Traffic Dividers
Industrial Sites	Nurseries

### Guidelines for Application

Do not apply directly in contact with plants. Leave an inch of space next to plants. Lay sheet as close to soil as possible to make most of the product benefits, Remove weeds before spreading. Do not stretch the sheet across land contours.

Join sheets by simply butt joining or by overlapping and taping the sheet edges. In case of damage during installation, patch the damage over or beneath. Do not lay during high winds, or rains. Lay on firm ground. Avoid laying over wet ground. Store in cool and dry place.





## P.G.R. GRANULS (A SEAWEED EXTRACTED PRODUCT)

“P.G.R. Granuls” is a remarkable natural seaweed extracted product which benefits agricultural production including floriculture and horticulture crops. Based on natural plant extract that will maximize the potential of the plant to produce strong stems and healthy leaves, it is beneficial at all stages of vegetative growth. It is completely natural product, non-toxic with neutral pH which is soluble in water and hence leaves no harmful residues in the plants, soil or in the environment.

“P.G.R. Granuls” provides humic acids, amino acids, proteins, enzymes, lactic acid, glutamic acid useful carbohydrates.

“P.G.R. Granuls” contains naturally occurred macro/micro nutrient like carbon. Nitrogen. Phosphorous, potassium, Zinc, sodium, calcium, magnesium, sulfur, copper, cobalt, Iron, manganese etc. The humic acid present in “P.G.R. Granuls” helps root growth nutrient uptake, plant enzymes and growth of desirable soil microorganisms at the rhizosphere. “P.G.R. Granuls” gives strength to plants against drought and diseases and reduces immature flower /fruits dropping.



### Application :

“P.G.R. Granuls” is applied 8-10 kg. per acre.

For best results, apply in the late evening or early morning.

Two applications per season to be recommended dose for application.

Can be apply on other crops like paddy, soybeans, castor, sunflower, all fruits, maize, wheat, pulses, groundnut, etc.

### Contents:

CROP	APPLICATION	
Vegetables	After 15 days of Germination/ transplantation	After 20 days of 1st Application
Potato	After 15-25 days of Transplantation	After 15 days of 1st Irrigation
Sugarcane	After 60 days of Plantation	After 30 days of 1st Application
Cotton	After 40-50 days of sowing	After 70 days of 1st Application

And can also apply for horticulture and ornamental uses.

**Storage:** Store in a dry coolpace. Avoid direct sunlight.

**NOTE :-** Since our products are 100 % natural in origin, analysis may varies form batch to batch.

**Contents :** Natural Seaweed extract and Clay granules.

## P.G.R.-2 (A Herbal Product for Healthy Growth of Plants)

### Introduction :

Healdhy Growth contains seaweed extract, naturally occurring trace elements of plant origin. Healdhy Growth can be used as foliar spray or through drip on all type of crops like cotton, paddy, wheat, potato, pulses, groundnut, sugarcane, banana etc. and vegetable likes cabbage, chilly, tomato, etc. to improve the quality and yield. It is non-toxic, water soluble. Do not mix with any chemical insecticides.

### Benefits :

- Increase in biological activity.
- Better absorption of soil nutrients by plants.
- Increase in development of radicular system.
- Reduction in transportion shock & better growth (anti-stress).
- Stimulate photosynthesis.
- Increase blooming duration & fruit quantity & quality & prevents flower shedding.
- Slow down the ageing process.
- Better resistance to high temperature conditions & parasites.

### Contents :

Seaweed extract, potassium humate, carbohydrates, trace elements, Amino Acid, etc.

### Usage :

Shake well before use. Use 3-4 ml/liter of water. Apply in early morning or late evening for better results.

### Storage :

Store in a dry & cool place. Keep out of reach of children.



## TERMITE CANTROL

Termite are the major threat to the high value which are sown in the field. Termite also does great damage to the whole crop cycle. Termite Cantrol is a different type of product which does not affect the beneficial organisms. It does not have any bad effect the root.

### Uses:

1. Give a spray while sowing.
2. Giove treatment to soil with water.
3. It can be sprayed on the storages area of the fodder.
4. It also controls the bollworms and other harmful insect which damage the crops.

**Contents :** Cashewnut Oil, emulsifieble etc.

## PC -1 (BIO- PASTICIDE)

### Introduction :

PC-1 is formulated from natural plant extracts, which gives best results as on insect repellent, anti-feeding growth is disrupted and effective at all stages.

It is effective on leaf eating insects.

### Method of use :

80 gm. PC – 1 diluted in 100 liter of water, stir well and use. As this is a natural product we recommend this procedure for best results. Depending on the requirement, concentrated dose can be used. Early in the morning or late in the evening spray gives best results. The optimum does per acre is 80 gm. If more attack of insects then weekly interval two spray and/or 15 days interval regular does can be used.

### Area of Application :

PC – 1 Is effective on wide range of horticultural, floricultural and agricultural Crops viz. vegetables. Crops like-tomato, potato, cabbage, cauliflower, brinjal, okra, peas, beans, spinach, lady's finger, etc. fruits crops like – grapes, guava, sapota, strawberries, mango, citrus, banana, apple, coconut etc. Field crops like-cotton, paddy, sorghum, sunflower, mustard, ground nut, cumin, wheat, maize, legumes, sugarcane, etc.

And plantation crops like-cardamom, tea, coffee, floriculture, home gardening, medicinal plants etc.

### Storage :

Keep in dry and cool place. Do not expose to direct sunlight or heat.

Keep away from child.

Shelf life : (Two years from the date of manufacture).

**Antidote :** Ingestion for small quantities give large amounts of salty water; induce vomiting. If large amounts are ingested, seek medical attention.

### Safety instruction :

Mild symptoms like headache vomiting and dizziness in case of severe exposure. Eye contact: do not rub eyes rinse with large amounts of plain water. If eyes are irritated, get medical attention. Skin contact, wash with soap and water. Launder contaminated clothing before reuse.

The packages shall be broken and burned away from habitation. The packages shall not be left outside to prevent their re-use.

**Contents :** Neem extracts, karanj, turmeric, natural extract etc.





## PC-2 (A BIO-ORGANIC CROP PROTECTION)

### Intraduction:

“Green Crop Care” is formulated from natural neem extracts, and other natural plant extracts, and other natural plant extracts which give best results on insect repellent, anti-feeding growth disrupted and effective a all growth stages. Its spray is fairly comparable with conventional pesticide. “Green Crop Care” is effective on leaf hopper, white fly, boll worms (heliiothis), caterpillar, thrips, and other worms.

### Method of Use:

Dilute 3-4 ml “Green Crop Care” in one liter of water or depending on requirement for concentrated DOSE. Early in the morning or late in the evening gives best results. The optimum dose per acre is 500 ml. If more attack of insects then weekly interval two spray and / or 15 days interval regular dose can be used.

### Area of Application :

“Green Crop Care” is effective on wide range of horticultural, plantation like tea, coffee, etc. vegetables like cabbage, tomato, brinjal, chilli etc, fruits like mango, banana, grapes, sugarcane, chickoo, citrus group, etc. and agricultural crops like cotton, paddy, wheat, soybeans, ground nut etc.

**Storage :** Keep in dry and cool place. Do not expose to direct sunlight or heat.

**Shelf Life :** Two years from the date of manufacture

**Antidote :** Ingestion for small quantities give large amounts of salty water; induce vomiting. If large amounts are ingested, seek medical attention.

### Safety instruction :

Mild symptoms like headache vomiting and dizziness in case of severe exposure.

Eye contact : do not rub eyes rinse with large amounts of plain water.

If eyes are irritated, get medical attention.

Skin contact : wash with soap and water. Launder contaminated clothing before reuse.

Disposal of containers:

The packages shall be broken and burned away from habitation.

The packages shall not be left outside to prevent their re-use.

**Contents :** Neem, kaeanj, capsicum, Ajmo, Jinger etc.



## PC-3 (A BIO-ORGANIC SOLID CROP PROTECTION)

### Introduction :

PC - 3 is formulated from natural plant extracts, which gives best results as on insect repellent, anti-feeding growth is disrupted and effective at all stages. It is effective on leaf eating insects.

### Method of use :

500 gm. PC - 3 diluted in 100 liter of water, stir well and use. As this is a natural product we recommend this procedure for best results. Depending on the requirement, concentrated dose can be used. Early in the morning or late in the evening spray gives best results. The optimum does per acre is 500 gm. If more attack of insects then weekly interval two spray and/or 15 days interval regular does can be used.

### Area of Application :

P.C. - 3. Is effective on wide range of horticultural, floricultural and agricultural Crops viz. vegetables. Crops like-tomato, potato, cabbage, cauliflower, brinjal, okra, peas, beans, spinach, lady's finger, etc. fruits crops like – grapes, guava, sapota, strawberries, mango, citrus, banana, apple, coconut etc. Field crops like-cotton, paddy, sorghum, sunflower, mustard, ground nut, cumin, wheat, maize, legumes, sugarcane, etc. And plantation crops like-cardamom, tea, coffee, floriculture, home gardening, medicinal plants etc.

### Storage :

Keep in dry and cool place. Do not expose to direct sunlight or heat. Keep away from child.

**Shelf life :** Two years from the date of manufacture.

### Antidote :

Ingestion for small quantities give large amounts of salty water; induce vomiting. If large amounts are ingested, seek medical attention.

### Safety instruction :

Mild symptoms like headache vomiting and dizziness in case of severe exposure.

Eye contact: do not rub eyes rinse with large amounts of plain water.

If eyes are irritated, get medical attention. Skin contact, wash with soap and water. Launder contaminated clothing before reuse.

The packages shall be broken and burned away from habitation.

The packages shall not be left outside to prevent their re-use.

**Contents :** Neem extracts, karanj, turmeric, natural extract etc.



## PC-4 (BIO ORGANIC PLANT PROTECTION)

It is derived from the vegetable extract. It's a thick formulation which can be easily sprayed after mixing with water. It is a natural product which has no side effects on environment.

It stops the movement of mealy bug.

Mealy care prevents the reproduction activity of mealy bug. It heals the female mealy bug in 72 hours.

It also controls aphids. Mealy care is all in one product. It can be used in both seasons. It stops the growth of mealy bug and that other mealy bug predators.

**Use :** 4-5 ml./ liter of per water, please shake well before use.

**Contents :** Neem extracts, Capsicum, Epiol, Other Natural extracts.



## P.G.R VEGETABLE SPECIAL

### RECOMMENDATION:

It is recommendation for Potato, Tomato, Onion, Ginger, Brinjal, Carrot & other Such crops.

### ADVANTAGES

- Increases the yield and quality of the fruits
- Enhances the flowering and reduces the flower drop
- Reduces leaf drop and flower drop
- Required for vegetative growth, i.e., tillering, foliage formation
- Increases the chlorophyll content in the leaves leading to higher photosynthetic rate
- Increases soil micro flora and improves the health of the soil
- Compatible to be used along with other fertilizers/pesticides



## P.G.R – PADDY SPECIAL

### RECOMMENDATION

It is recommended for Paddy crop

### ADVANTAGES

- Increases the yield and quality of the fruits
- Increases the tillering in the rice plants
- Improves the quality of the grains
- Helps in the Panicle development
- Increases the chlorophyll content in the leaves leading to higher photosynthetic rate
- Increases soil micro flora and improves the health of the soil
- Compatible to be used along with other fertilizers/pesticides



## PGR HYDRO

P.G.R is Amino acid based Plant growth promoter. It contains amino acids in the form of protein hydrolysate derived from Vegetable Protein sources. P.G.R is first of its kind product manufactured by hydrolysis of vegetable protein sources by sophisticated state of art technology. The active nature of amino acids helps in chelating & better absorption of nutrients by the plant. P.G.R contains 30% Protein hydrolysate along with other Micro nutrients and Trace elements for increasing the productivity of the plant under all geographical conditions. P.G.R in granular form is formed by using natural clay as base material. The slow releasing nature of the base material makes the nutrient available to the plant for a longer duration.

### RECOMMENDATION

Vegetables, Fruits, Cotton, Cereals, Horticultural Crop & all other crops.

### ADVANTAGES

Increases the yield and quality of the crop.

Enhances the flowering and reduces the flower drop.

Increases the chlorophyll content in the leaves leading to higher photosynthetic rate.

Increases the resistance power of the plant by strengthening the immune system.

Increases soil micro flora and improves the health of the soil.

Compatible to be used along with other fertilizers/pesticides.

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml/litre of water

**Drip irrigation:** 1-1.5 liter/acre.

**Granule:** 5 - 10 kg/acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing. Granular formulation is available in 5 kg packing.



## P.G.R SUGARCANE SPECIAL

### RECOMMENDATION

It is recommended for Sugarcane crop

### ADVANTAGES

Increases the yield and quality of the fruits.

Required for vegetative growth, i.e., tillering, foliage formation.

Increases the chlorophyll content in the leaves leading to higher photosynthetic rate.

Compatible to be used along with other fertilizers/pesticides.



## P.G.R PHOS

Phosphorus being the structural component of Nucleic acid & DNA, is essential for all Plants. Phosphorus plays a vital role in Photosynthesis, respiration & root development. Low level of Phosphorus within a plant causes stunted growth. In order to address the phosphorus deficiency, P.G.R Phos, as readily available form of Phosphorus. P.G.R Phos is a Protein Hydrolysate (Amino Acids) based plant nutrient having 14% Phosphorous (on DB). Amino acids act as carrier material which results in increased uptake of phosphorous by the plant. P.G.R Phos in granular form is formed by using natural clay as base material. The slow releasing nature of the base material makes the nutrient available to the plant for a longer duration.

### RECOMMENDATION

Vegetables, Fruits, Cotton, Cereals, Horticultural Crop & all other crops.

### ADVANTAGES

Addresses the Phosphorus deficiency in all crops.

Promotes the development of the healthy primary roots & their subsequent branches.

Enhances flowering & increases fruits and seed production.

Effective for the healthy crop production & higher yields.

Helps in Photosynthesis & respiration.

Completely biodegradable & improves soil health.

Compatible to be used along with other fertilizers/pesticides.

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml / litter of water /

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 20 – 25 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.

Granular formulation is available in 10 kg 25 kg packing.





## P.G.R POTASH

Potassium is a major constituent within all living cell. It is an essential nutrient & is required in large amount by plants. Potassium acts to regulate water balance, nutrient & sugar movement in plant tissue, drives starch & protein synthesis, disease resistance and nitrogen fixation. To overcome all the major problem faced by using inorganic Potash, Mehta Overseas India have manufactured P.G.R Potash by Complexing Potassium with Gluconat & Amino acids. The active nature of amino acids & gluconate (Glucose) act as carrier material which results in increased uptake of Potassium in by the plant. P.G.R.Potash is available in both Liquid & granule form. P.G.R Potash in granular form is formed is by using natural clay as base materials. The slow releasing nature of the base material makes the nutrient available to the plant for a longer duration.

### RECOMMENDATION

vegetables, Paddy, Wheat, Maize, Fruits Cotton, Cereals, Horticultural Crop and all other crops.

### ADVANTAGES

Helps in photosynthesis & formation of energy-high compound (EHC), boots vegetative growth.

Increases the flower formation, fruit set, seed set & rate of maturity which result in higher yields.

Activates plant enzymes which help in the synthesis of carbohydrates, amino acids and protein.

Improves the colour of the fruits, thus increasing their market value & consumer acceptance.

Prolongs the shelf life of the produce

Completely biodegradable & improves soil health

Compatible to be used along with other fertilizers/pesticides

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml / litter of water /

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 20 – 25 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.  
Granular formulation is available in 10 kg 25 kg packing



## P.G.R ZINC

Nitrogen, Phosphorus & Potassium play a very important role in crop nutrition. In addition to these major nutrients, Zinc is also essential for the plant growth and development. Zinc is required for normal photosynthesis and is directly/indirectly required by several enzyme systems and for protein synthesis. Zinc is needed for cell expansion. Carbohydrate and protein development as well as the production of root growth hormones.

P.G.R. Zinc is combination of Gluconates and Amino acids fortified with Zinc in readily available form. Gluconates and Amino acids help the plant in better growth and also act as carrier for Zinc for plant uptake. P.G.R. Zinc is available in both Liquid and granule form. P.G.R. Zinc in granular form is formed by using natural clay as base Material. The slow releasing nature of the base material makes the nutrient available to the plant for longer duration.

### RECOMMENDATION

Vegetables, Paddy, Wheat, Maize, Fruits Cotton & all other crops.

### ADVANTAGES

Addresses the Zinc deficiency in the crops.

Necessary for energy production, protein synthesis & growth regulation within plants.

Supports root growth & increase leaf size.

Increases Nitrogen uptake, Zinc Content and protein Contents in grain.

Necessary for the formation of chlorophyll and carbohydrates.

Increases the flower formation, fruit set, seed set & rate of maturity which result in higher yields.

Completely biodegradable and improves soil health.

Compatible to be used along with other fertilizers/pesticides.

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml / liter of water

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 4 - 5 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.  
Granular formulation is available in 10 kg 25 kg packing.



## P.G.R MAGNESIUM

Magnesium is an indispensable mineral for plant growth, for it plays a major role in the production of chlorophyll, on which photosynthesis depends. Many critical physiological and biochemical processes in plants are adversely affected by magnesium deficiency, leading to impairments in growth and yield. P.G.R Magnesium is complex formed by Amino acids, Gluconates & Magnesium in readily available form for the plants. P.G.R Magnesium addresses the magnesium deficiency. Gluconates and Amino acids helps in better absorption of the mineral by the plant. P.G.R Magnesium is available in both Liquid and granule form. P.G.R Magnesium in granule form is formed by using natural clay as base material. The slow releasing natural of the base material makes the nutrient available to the plant for a longer duration.

### RECOMMENDATION

Vegetables, Maize, Fruits, Cotton, Cereals, Horticultural Crop & all other crops.

### ADVANTAGES

- Enhances synthesis of organic compounds which are useful for plant growth & functioning.
- Helps in chlorophyll formation, hence increases the photosynthetic rate.
- Increases the yield & quality of the produce.
- Helps in Synthesis of amino acids & cell proteins.
- Facilitates the utilization of other important nutrients by the plant.
- Completely biodegradable and improves soil health.
- Compatible to be used along with other fertilizers / pesticides.

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml / liter of water

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 10 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.  
Granular formulation is available in 10 kg packing.



## P.G.R HYDRO NPK

Plants require three major nutrients – Nitrogen, phosphors & Potassium for its growth & development. P.G.R. NPK is combination of Nitrogen, Phosphors, Potassium chelated with Amino acids. Nitrogen is the major component of amino acids, the critical element constituent of proteins and is necessary component in cell structure, plays very important role in cell division & reproduction. Phosphors is vital for adequate root development and helps the plant resist drought, It enhances flowering and increases fruit and seed production. Potassium Improves quality of seed and fruit. It also helps to improve crop resistance to lodging, disease & drought. P.G.R. NPK also contains other nutrients in required amount for better yield and quality.

### RECOMMENDATION

Vegetables, Paddy, Wheat, , Fruits, Cotton, Cereals, Horticultural Crop and all other crops.

### ADVANTAGES

Promotes the development of the healthy primary roots & their subsequent branches.

Enhances the flowering and reduces the flower drop.

Helps in higher photosynthesis & boots vegetable growth.

Increases the yield & quality of the crop.

Increases the resistance power of the plant by strengthening the immune system.

Completely biodegradable & improves soil health.

Compatible to be used along with other fertilizers / pesticides.

### Method of Application & Dosage:

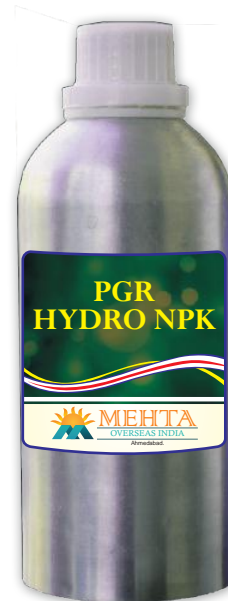
**Liquid : Foliar Application:** 2-3 ml / litter of water

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 10 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.



## P.G.R. GLUCOMET MINERAL MIX

P.G.R. Mineral Mix is unique combination of all the macro and micro nutrients required for the growth and development of the plant.

Application of P.G.R. Mineral Mix results in higher yield and improved quality. P.G.R. Mineral Mix contain Nitrogen, Phosphors, Potassium, Calcium, Magnesium, Boron, Zinc, Molybdenum, copper, Iron, Sulphur, Manganese with Amino acids & Gluconates as base material. Due to the presence of Amino acids & Gluconates, P.G.R. Mineral Mix is easily absorbed by the plants and it increases the size of the fruits and reduces flower/fruits drop thus increasing the yield.

P.G.R. Mineral Mix is available in both Liquid and granule form.

P.G.R. Mineral Mix in granular form is formed by using natural clay as base material. The slow releasing nature of the base material makes the nutrient available to the plant for a longer duration.

### RECOMMENDATION

Vegetables, Paddy, Wheat, , Fruits, Cotton, Cereals, Horticultural Crop and all other crops.

### ADVANTAGES

Increases the yield and quality of the crop.

Enhances the flowering and reduces the flower drop.

Helps in formation of chlorophyll, thus results in higher photosynthesis.

Promotes the development of the healthy primary roots & their subsequent branches.

Increases the resistance power of the plant by strengthening the immune system.

Completely biodegradable & improves soil health.

Compatible to be used along with other fertilizers/pesticides.

### Method of Application & Dosage:

**Liquid : Foliar Application:** 2-3 ml / litre of water /

**Drip Irrigation:** 1-1.5 liter/acre.

**Granule:** 10 kg / acre\*.

\*Dosages will vary based on various Geo climatic conditions and crops.

**Packing:** Liquid formulation is available in 250 ml, 500 ml, 1000ml packing.

Granular formulation is available in 10 kg packing.





## P.G.R (CROP SPECIALITY FORMULATIONS)

P.G.R Ltd.has various crop specific (cotton,vegetable, paddy, sugarcane, Fruits, Spices, Isabgol, Cereal) formulations. These formulations has been developed based on the P.G.R deficiencies in these crops.

### P.G.R FRUIT SPECIAL RECOMMENDATION

It is recommendation to be used for Banana, Grapes, Mango, pear, Apple, Watermelon, Oranges, Lemon & all other fruits.

### ADVANTAGES

Increases the yield and quality of the crop.

Increases seed set & fruits set.

Helps in flower development and pollen germination.

Helps in colour enhancement & increases shelf life of the produce.

Increases the chlorophyll content in the leaves leading to higher-photosynthetic rate.

Increases soil micro flora and improves the health of the soil.

Compatible to be used along with other fertilizers/pesticides.

