



# MAHA AGRO LIMITED

Speciality Fertilizer For Flowers



# GBR

## (ORGANIC PLANT GROWTH ENHANCER FOR FOOD AND FLOWERING WITH GRADUAL RELEASE)

GBR enhances soil fertility & increases soil microbes and resistance power of the plant to fight against pest and diseases. GBR is important for overall development of all crops food crops and flowering plants. GBR can be used on any type of soil and food crops like wheat, maize, rice, millets and all type of pulses like chickpea, red, green, yellow and brown lentils, kidney beans and all type of **Flowering Plants**, gardens etc.

### Nutrient Composition of GBR

PROPERTIES	UNIT	GBR (Minimum Value)
Appearance	-	GRANUALES/POWDER
pH	-	6.0
Nitrogen (N)	ppm	1000
Phosphorus (P)	ppm	4500
potassium (K)	ppm	550
Total Organic Carbon (OC)	ppm	120000
Magnesium (Mg)	ppm	12000
Calcium (Ca)	ppm	11500
Iron (Fe)	ppm	9000
Manganese (Mn)	ppm	25
Zinc (Zn)	ppm	10
Sulfur (S)	ppm	1000
Copper (Cu)	ppm	11.50
Lead (Pb)	ppm	13.50
Nickel (Ni)	ppm	0.05
Chromium (Cr)	ppm	0.05

Disclaimer: Above analysis values may vary based on the critical weather effect

### Advantages

- Improves pH level of soil and enhances fertility.
- Improves physical, chemical & biological properties by reducing salts present in the soil.
- Root stimulator for flowering plants like roses and jasmine plants etc.
- It improves soil fertility and helps increase soil microbes and resistance power of the plant to fight against pests and diseases.
- Overall development of the crop, better flowering, fruit setting, thereby increasing the yield.
- Ideal for increasing production and crop thickness by increasing co-proportion dosage and crop thickness.



### Recommended Dosage:

Planting: 50 kgs / Acre

# GBR LIQUID

## ORGANIC PLANT GROWTH ENHANCER FOR FOOD AND FLOWERING

GBR LIQUID enhances soil fertility & increases soil microbes and resistance power of the plant to fight against pest and diseases. GBR LIQUID important for overall development of all crops food crops and flowering plants. GBR LIQUID can be used on any type of soil and food crops like wheat, maize, rice, millets and all type of pulses like chickpea, red, green, yellow and brown lentils, kidney beans and all types of **Flowering Plants**, gardens etc.

### Nutrient Composition of GBR LIQUID

PROPERTIES	UNIT	GBR LIQUID (Minimum Value)
Appearance	-	LIQUID
pH	-	6.0
Nitrogen (N)	ppm	200
Phosphorus (P)	ppm	210
potassium (K)	ppm	10000
Total Organic Carbon (OC)	ppm	10500
Magnesium (Mg)	ppm	2500
Calcium (Ca)	ppm	3000
Iron (Fe)	ppm	23
Copper (Cu)	ppm	0.50
Lead (Pb)	ppm	1.95
Nickel (Ni)	ppm	0.05
Chromium (Cr)	ppm	0.05

Disclaimer: Above analysis values may vary based on the critical weather effect

### Advantages

- Improves pH level of soil and enhances fertility.
- Improves physical, chemical & biological properties by reducing salts present in the soil.
- Root stimulator for flowering plants like roses and jasmine plants.
- It improves soil fertility and helps increase soil microbes and resistance power of the plant to fight against pests and diseases.
- Overall development of the crop, better flowering, fruit setting, thereby increasing the yield.



### Recommended Dosage:

Drench : 10 ml/Ltr of water

Drip: 8 litres in 200 litres of water/Acre

Irrigation: 8 Litres / Acre



# HUMICRONS

## ORGANIC LIQUID FOR ROOT STIMULATOR AND SOIL ACTIVATOR

HUMICRONS is a concentrated organic liquid root stimulator and soil activator. HUMICRONS greatly improves the physiochemical properties of the soil and the microbial activities in the soil. Application of HUMICRONS results in higher yields, better product quality, massive root system, positive ecological effects, and increased soil tolerance to drought. HUMICRONS also reduces the need for harmful chemical fertilizers. HUMICRONS is an active agent and carrier to use along with synthetic or organic fertilizer. In some cases, fertilization can be eliminated if sufficient organic material is present, and the soil can become self-sustaining through microbial processes and humus production.

### Nutrient Composition of HUMICRONS

PROPERTIES	UNIT	HUMICRONS (Minimum Value)
Appearance	-	LIQUID
pH	-	8
Nitrogen (N)	ppm	100
Phosphorus (P)	ppm	500
potassium (K)	ppm	20000
Total Organic Carbon (OC)	ppm	21000
Magnesium (Mg)	ppm	35000
Calcium (Ca)	ppm	2500
Iron (Fe)	ppm	30
Zinc (Zn)	ppm	1500
Sulfur (S)	ppm	250
Copper (Cu)	ppm	0.20
Lead (Pb)	ppm	2.50
Nickel (Ni)	ppm	0.05
Chromium (Cr)	ppm	0.05

Disclaimer: Above analysis values may vary based on the critical weather effect

### Advantages

- Accelerates germination
- Enhancing seedling
- Vigour root growth. Improves uptakes & translocation of micro and macronutrients.

### Recommended Dosage:

#### SEED TREATMENT:

5 to 10 ml/Kg seeds in sufficient quantity of water.

#### SEEDING/ROOT DIP:

2 ml/Litre of Water.

#### FOLIAR SPRAY:

5 ml /Litre of water at actively growing and reproductive stages.

#### DRIP AND SPRINKLER IRRIGATION:

1 to 2 Litres /Acre in sufficient quantity of water.



# BLK LIQUID

## ORGANIC VEGETABLE PLANT GROWTH ENHANCER

BLK LIQUID enhances the plants growth by improving the physical properties of soil. BLK LIQUID improves the development of wide root system. BLK LIQUID can increases soil microbes and resistance power of the plants. BLK LIQUID can be used on any type of soil and crops. BLK LIQUID provides best results in **Flowers** cotton, tobacco, sugarcane, soybean all type of oil seeds and all vegetables like brinjal, tomato, potato, cabbage, chilli, cucumber, onion and vegetable garden etc.

### Nutrient Composition of GBR

PROPERTIES	UNIT	BLK LIQUID (Minimum Value)
Appearance	-	LIQUID
pH	-	6.5
Nitrogen (N)	ppm	300
Phosphorus (P)	ppm	450
potassium (K)	ppm	250
Total Organic Carbon (OC)	ppm	10000
Magnesium (Mg)	ppm	100000
Calcium (Ca)	ppm	60000
Iron(Fe)	ppm	20
Sulfur(S)	ppm	110
Copper(Cu)	ppm	1.00
Lead (Pb)	ppm	2.95
Nickel (Ni)	ppm	0.05
Chromium (Cr)	ppm	0.05

Disclaimer: Above analysis values may vary based on the critical weather effect

### Advantages

- Helps the plants to grow faster.
- Helps to prevent fall by increasing the number of flowers.
- Effective in increasing repulsive capacity against drought.
- Helps to grains getting fuller thus increasing its weight
- Helps to increase the immunity of crops.
- Helps improve the sweetness, shine, taste and quality of the crop.

### Recommended Dosage:

Drench: 10 ml /litre of water

Drip Irrigation: 4 Litres /200 Litres Of Water.





# MAHA PLANT BOOSTER

MAHA PLANT BOOSTER increases the performance, productivity, persistency and profitability of the crops ensuring great returns for farmers. It ensure a certain degree of disease and pest resistance along with meeting the optimal Phosphate requirement of the plant.

## Composition

Organic Carbon content (as total carbon) 25%

PSB:  $5 \times 10^7$  cells/gm

Organic carrier : q.s.

## Benefits

- Eco friendly
- Enhanced nutrient uptake
- Stops leaching losses
- Suitable for use in all types of soils
- Maximum absorption due to controlled nutrient release
- Increase in moisture retention capacity of soil
- Suitable for all field and horticultural crops

## Dosage

5-10 kg per acre at the time of Sowing

## Nursery preparation

1-2 kg Maha Plant Booster to be applied per 400 sq. mtr nursery area as basal dose for vegetables & Paddy.

## Fruit crops:

75gms/plant during planting basal, For subsequent years, 50gms before and after monsoon.

## Floriculture and lawns:

1-2 kgs for 400 sq. mtr. nursery area; 15-20 gms / plant during planting. For lawns, 20 kg/acre in two split doses at 2 months interval.



# MAHA LOTTERY



Dose: 2-3 ml/ltr of water



## NUTRIENTS:

Zn-4%	Mn-0.5%	B-0.5%	CA-1.0%
Fe-2.0%	Cu-0.3%	Mg-1.0%	

## MICRO NUTRIENTS FERTILIZER

FOR DRIP & FOLIAR APPLICATION

MAHA LOTTERY contains several very important micro elements like zinc, ferrus, copper, boron, magnesium, sulphur, magnesium & calcium combination in current market. Plants/crops requires such formulation to enhance growth quickly.

Magnesium work like "cook/chef" by enhancing green colour of leaves due to its important participation in photosynthesis process. This way it maintains update of ther nutrients by plants.

Similar to magnesium, boron qualifies as a part of this formulation due to its role in increasing immunity of plant and stay fit in diseased condition. Because of providing better health to plants, boron helps in plant growth at quicker rate.

# MAHA ORTHO SILICIC ACID



## Key Benefits:

- Carry sturdier fruits with higher nutritional value and a longer shelf-life
- Leaves no residual effect
- practically invulnerable to attacks by pests or fungi
- More resistant to high temperatures
- More resistant to stress caused by high concentrations of salts in the substrate
- Have more active photosynthesis
- Are better and more equally mineralised, which minimizes the chance of plant deficiencies.

## Composition: OSA LIQUID / OSA POWDER

3.0 +- 0.1%

## Dosage:

OSA LIQUID 3ml /Litre of water  
OSA Powder 5 kgs /Acre



## MAHA ZINC GLYCINE

**Dosage:** 250ml per acre  
**Preferable no. of application :** 2  
**Mixing ratio:** 1.5 ml per litre of water.

### Benefits

- Higher efficiency
- Eco Friendly
- Cost Efficient
- Easy to handle

### Specifications

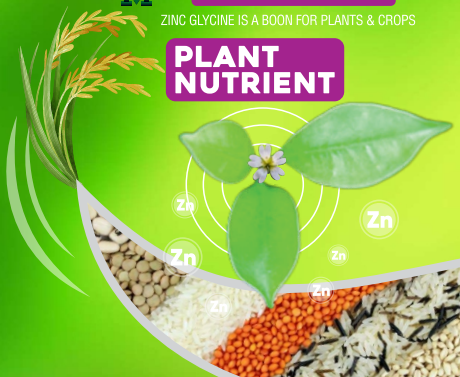
- Zinc Minimum 6.80%
  - pH 4.0 - 5.5
  - Specific Gravity 1.21 - 1.28
- Zinc glycine is a boon for Plants & Crops



## MAHA ZINC GLYCINE

ZINC GLYCINE IS A BOON FOR PLANTS & CROPS

### PLANT NUTRIENT



**FOLIAR  
APPLICATION**



## MAHA CALCIUM GLYCINE

**Dosage:** 250ml per acre  
**Preferable no. of application :** 2  
**Mixing ratio:** 1.5 ml per litre of water.

### Benefits

- Higher efficiency
- Eco Friendly
- Cost Efficient
- Easy to handle

### Specifications

- Calcium Minimum 6.00%
  - pH 5.5 - 7.0
  - Specific Gravity 1.15 - 1.22
- Calcium glycine is a boon for Plants & Crops



## MAHA CALCIUM GLYCINE

CALCIUM GLYCINE IS A BOON FOR PLANTS & CROPS

### PLANT NUTRIENT



**FOLIAR  
APPLICATION**



## MAHA BORON GLYCINE

**Dosage:** 250ml per acre  
**Preferable no. of application :** 2  
**Mixing ratio:** 1.5 ml per litre of water.

### Benefits

- Higher efficiency
- Eco Friendly
- Cost Efficient
- Easy to handle

### Specifications

- Boron Minimum 5.00%
  - pH 8.9 - 9.0
  - Specific Gravity 1.10 - 1.23
- Boron glycine is a boon for Plants & Crops



## MAHA BORON GLYCINE

BORON GLYCINE IS A BOON FOR PLANTS & CROPS

### PLANT NUTRIENT



**FOLIAR  
APPLICATION**



# MAHA POWERPHOS

Phosphorus Fertilizer

N : 10%, P: 34%, Poly Phosphorus: 22%  
Foliar Fertilizer



## Benefits:

- It is a unique liquid Nitrogen- phosphorus fertilizer.
- It ensures maximum phosphorus availability & absorption by crops as compared to the traditional solid phosphorus based fertilizers.
- Releases nutrients in the soil both immediately and gradually.
- Because of which plants can use them effective & longer duration for a.
- Helps in profuse root & Shoot development and field increases.

## Dose:

- Foliar application 4-5 ml in 1 litre of water.
- For Drip irrigation Use 1 litre per acre.

## Product Specification:

- Total Nitrogen : 13.6%
- Total Phosphates : 46.24 %
- Polyphosphate : 30.00%
- Specific Gravity :1.36%
- PH -5.8-6.0



# MAHA VIGOUR

Nitrogen Fertilizer

Tot N: 32%, Urea N: 16.5%,  
Ammonical N: 7.5%, Nitrate N: 7.5%



## Benefits to Agriculture Crops:

- Urea ammonium nitrate (UAN) fertilizer supplies nitrogen in all the 3 forms viz urea, Ammoniacal & Nitrate to the crops.
- Nitrogen is used by plants in production of amino acids and proteins.
- Solutions of UAN are extremely versatile as a source of Nitrogen.
- UAN is compatible with many other nutrients and agricultural chemicals and is frequently mixed with solutions containing PK and other essential plant nutrients.

## Product Specification:

- Tot N: 32%
- Urea N: 16.5%
- Ammonical N: 7.5%
- Nitrate N: 7.5%

## Dose:

- For Foliar Application: Use 2 - 5 ml in 1 Litre of water.
- For Drip Irrigation: Use 1 Litre per acre.



# MAHA NPK

NPK Fertilizer

Nitrogen | Phosphorus | Potassium  
N : 00 P : 41 K : 52



## Benefits to Agriculture Crops:

- It is unique liquid formulation containing phosphorus and potassium.
- It is 100% soluble liquid and recommended after early leaf emergence until fruit set in all crops.
- This formulation contains more percentage of phosphorus and potassium than any other typical liquid.
- This formulation promotes healthy roots and encourages root expansion and strong stems development.

## Product Specification:

NPK 0:41:52

Product Specification Phosphorus as P2O5 :41%

- Potassium as K2O : 52%
- Specific Gravity : 1.65%
- pH :8.0-9.0

## Dose:

- Foliar application 3-5 ml in 1 litre of water.
- For Drip irrigation Use 500ml per acre.



# MAHA CALPHOS

NPK 03:23:00 CaO>4  
Foliar Fertilizer



Multi-functional and Universal application for Fertilizer Rich in Phosphorus, Nitrogen, and Calcium High Concentration Liquid (Foliar phosphate)

## Benefits:

- Product contains Nitrogen Calcium and Phosphate along with Water nano particle of calcium phosphate.
- Product is free from any impurities and feed grade raw material are used in manufacturing.
- No toxicity are observed on plants after the use of this product.
- Covers wide surface area on crop due to dispersing property during application.
- Size of fruit gets bigger and can get the production of spot free fruits with luster.

## Analysis Composition:

- Nitrogen-3 %
- Calcium-3 %
- Total Phosphate(P2O5)-23 %
- Ph-1.1+/1
- Density-1.32

## Dose:

- For Foliar Application: Use 2 - 5 ml in 1 Litre of water.
- For Drip Irrigation: Use 1 Litre per acre.

## SEED TREATMENT

### AZOTOBACTER

Azotobacter spp, are aerobic, motile, oval or spherical, free living, non-symbiotic, heterotrophic bacteria capable of fixing an average of 20kg N/ha per year. These bacteria are regarded as plant growth promoting Rhizobacteria (PGPR) which synthesize growth substance that enhance plant growth and development and inhibit phyto-pathogenic growth by secreting inhibitors.

**Crops:** Vegetables, sunflower, coffee, tea, mango, arecanut, coconut etc.



### AZOSPIRILLUM

Azospirillum is genus of microaerophilic, rod-shaped bacteria associated with plant roots. They are commonly known as plant growth-promoting bacteria. Synthesis of phytohormones (indole-3-acetic acid, IAA) and regulation of plant hormonal balance by deamination of the ethylene precursor.

**Crops:** Non-leguminous crops like paddy, jowar, maize, ragi, sugarcane, turmeric, ginger, cardamom etc.



### RHIZOBIUM

Free living microorganism present in the soil. They have the tendency to fix atmospheric nitrogen in a symbiotic manner. They are also known as symbiotic nitrogen-fixing microorganism related to the root of legumes.

**Crops:** Pulses like groundnut, greengram, blackgram, peas, soybeans, beans, cowpea etc



## DECOMPOSER

Organisms that carry out the process of decay or break down of the dead organisms are known as decomposers, and the process of breaking down complex organic matter into its simpler form is referred to as decomposition. Dr. Soil Decomposer is a one stop solution for organic waste; it helps recycle organic waste into organic compost

#### Applicable for:

- Fastens the decomposition process
- Facilitates the growth and multiplication of earthworms in compost
- Promotes growth of beneficial micro-organisms in compost



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