



# MAHA PLANT BOOSTER



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

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

## 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/acre at the time of seed bed preparation

## Fruit crops

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

## Floriculture and lawns:

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

**Available Packing : 5 Kg.**



# MAHA PLANT BOOSTER



MAHA AGRO LTD  
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# MAHA

## ELE MYCORRHIZA

(Vesicular Arbuscular Mycorrhizae)

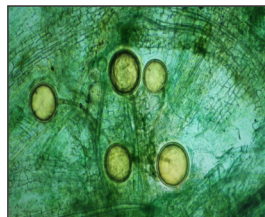
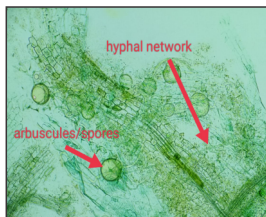
MAHA ELE MYCORRHIZA is a freely water soluble soil and root inoculant containing mycorrhizal spores to channel out proper uptake of nutrients by the plant roots.

## Benefits

- Improves plant and root growth leading to maximum yields.
- Acquisition of nutrients from soil and transfer to plants.
- Improves the nutrients uptake such as phosphate to the plants.
- Absorption of water from the deeper layer of soils and make it available to plants.
- Maintains and increases soil aggregation thereby reducing soil erosion.
- Protects the plant from drought and salinity.
- Recovers plants from heavy metal stress.
- Improves low-temperature stress.
- Used in phytoremediation and helps to minimize transpirational loss.
- Easy to use and safe both for the environment & health of farmers and their pets.
- Cost Effective.

## Application

Basal Application at time of sowing.



## Apply 4 kg/acre for basal application

All cash Crops, Cotton, Sugarcane ,Fruit Crops Banana ,Mango, Pomegranate Vegetables, Onion, Garlic,Potato, Turfs Garden & Nursery Plants ,Ornamentals, Forest Tree

**Available Packing : 5 Kg.**



# MAHA

## NPK Liquid

(Microbial Consortia)



Bacteria Present in MAHA NPK release organic acids and growth hormones resulting in better growth, higher yield, disease and stress resistance.

### COMPOSITION

Azotobacter Sp:  $1 \times 10^8$  cells/ml  
PSB:  $1 \times 10^8$  cells/ml  
KSB:  $1 \times 10^8$  cells/ml

### DOSAGE

Mix 15-30 ml in 1 litre of water. Use 1-2 litres of MAHA NPK per acre depending on the crop. Apply first dose at 15-20 days after sowing and second dose at 30-35 days after sowing. Suitable for all field and horticultural crops.

### BENEFITS

- Higher efficiency
- Environment friendly
- Renewable source of nutrition for plants.
- Cost efficient
- Easier to handle



### NITROGEN

Greens up plants

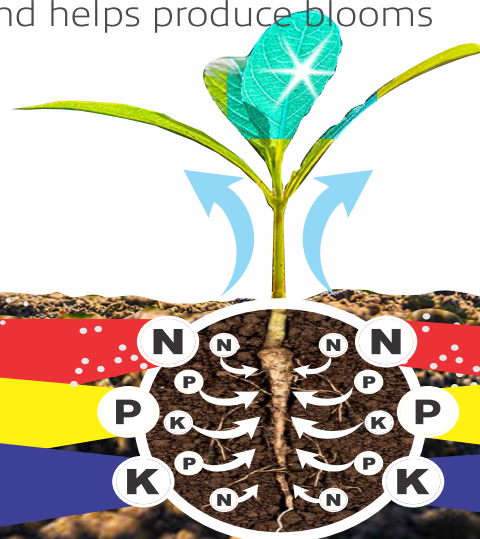
### POTASSIUM

Promotes all around wellbeing

### PHOSPHORUS

Reaches down to the roots and helps produce blooms

Available Packing : 500ml, 1 Ltr.

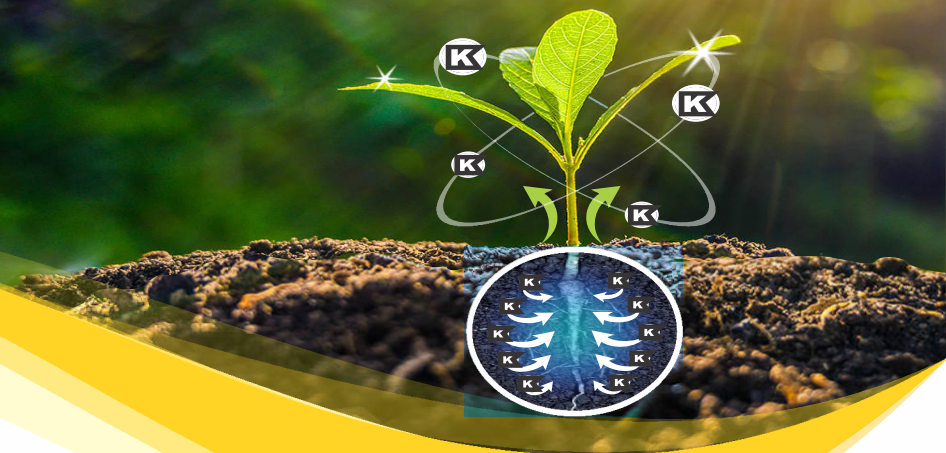




# MAHA

## BIO-POTASH (KMB)

Liquid



### MAHA BIO-POTASH

mobilizes required Potassium for target crops increasing the yield, shelf life and improving colour of the grains/fruits; protects the plant against disease causing pathogens and any form of biotic & abiotic stress.

### Benefits

- KMB releases organic acids which mobilises the potash, making it available for plant uptake and also releases plant growth promoting factors increasing the overall growth of the plant.
- Increase the thickness and strength of cell wall.
- Lodging resistance.
- Disease and stress resistance.
- Better fruit set.
- Higher yields.

### Dosage:

- Mix 15-30 ml of Maha Bio-Potash in 1 Litre water.
- Use approx 2 Ltr. of Maha Bio-Potash per acre depending on Soil Condition.
- Apply at the time of sowing or upto 30days after sowing.
- To be applied as basal dose

**KMB:  $1 \times 10^8$  Cells/ml**  
**Liquid cell Suspension.**

### Recommended crops:

Rice, Wheat, Maize, Legume crops and all horticultural plants.

**Available Packing : 500 ml, 1 Ltr.**





**ZINC GLYCINE (Chelated Zinc as Zinc Glycine)**

**CALCIUM GLYCINE (Chelated Calcium as Calcium Glycine)**

**BORON GLYCINE (Chelated Boron as Boron Glycine)**

## Glycine is a boon for Plants & Crops

**Dosage :** 250ml per acre

Preferable no. of application : 2

Mixing ratio: 1 - 1.5 ml per litre of water

### Benefits

- Glycine is smallest (Size: 0.4 Nanometer) and most abundant amino acid.
- It increases nitrogen status and concentration of mineral element in plant tissues.
- It freely passes through cell wall and membrane barriers.
- Effectively absorbed into the plant system
- Much Higher efficiency compared to ordinary inorganic salts of Zn, B, Ca,
- Cost Efficient, Significant Increasing in productivity & profitability
- Eco Friendly • Easy to handle

### Specifications

	ZINC GLYCINE	CALCIUM GLYCINE	BORON GLYCINE
Weight min. (%)	Zn 6.80	Ca 6.00	B 5.00
pH	4.0 - 5.5	5.5 - 7.0	8.9 - 9.0
Specific Gravity	1.21 - 1.28	1.15 - 1.22	1.10 - 1.23

**Available Packing : 250 ml, 500 ml, 1 Liter**







MAHA Input package

MAHA Package for Sugarcane				
Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	MAHA PLANT BOOSTER	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At planting time	MAHA-Mycorrhiza	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	30 days after planting	MAHA NPK liquid (Microbial Consortia)	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 30 days after planting Nitrogen Fixing, Highly Phosphate Solubilization and Potash mobilizing
4.	40 days after planting	MAHA Bio-Potash (KMB)	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 40 days after planting Enhances K uptake of plants leading to higher productivity
5.	75-80 days after planting	MAHA Glycine (Zn, B, Ca)	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), To improve flowering, Regulates the foliage growth
6.	100-105 days after planting	MAHA NPK liquid (Microbial Consortia)	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 105 days after planting Nitrogen Fixing, Highly Phosphate Solubilization and Potash mobilizing
7.	115 days after planting	MAHA Bio-Potash (KMB)	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 115 days after planting <b>Can Be Repeated After 15 Days</b>
8.	110-120 days after planting	MAHA PLANT BOOSTER	5 Kg per acre	<b>Soil application:</b> soil application during Earthing up
9.	135 days after planting	MAHA Glycine (Zn, B, Ca)	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca) <b>Can Be Repeated After 15 Days</b>



## MAHA Input package

### MAHA Package for Banana

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA-PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At plantation time	<b>MAHA ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	15-20 days after planting	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2 Liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing Nitrogen Fixing, Highly Phosphate Solubilization and potash mobilizing
4.	25-30 days after planting	<b>MAHA Bio-Potash (KMB)</b>	1-2 Liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing Enhances K uptake of plants leading to higher productivity
5.	45-50 days after planting	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), To improve flowering, Regulates the foliage growth <b>Can Be Repeated After 15 Days</b>
6.	110-115 days after planting	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2 Liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 110-115 days after sowing Nitrogen Fixing, Phosphate Solubilizing and potash mobilizing
7.	135 days after planting	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca)
8.	140-150 days after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2 Liter per Acre	<b>Drip/Drenching application:</b> applied through drip irrigation, 140-150 days after sowing, Enhances K uptake of plants leading to higher productivity
9.	180 days after planting	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca)
10.	210 days after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2 Liter per Acre	<b>Drip/Drenching application:</b> applied through drip irrigation 210 days after sowing, Enhances K uptake of plants





## MAHA Input package

### MAHA Package for Paddy and other Cereal crops

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Before nursery preparation	<b>MAHA PLANT BOOSTER</b>	1-2 Kg per 400 sq. m.	<b>Soil application:</b> Applied along with Vermicompost, Farm Yard Manure (FYM)
	At nursery preparation (after 15 days of nursery bed preparation)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2 liter per Acre	<b>Drenching application:</b> applied through drenching Nitrogen Fixing, Highly Phosphate Solubilization, and Potash mobilizing
	30 days after nursery bed preparation	<b>MAHA Bio-Potash</b>	1-2 liter per Acre	<b>Drenching application:</b> applied through Availability of nutrition for longer duration and increased disease resistance
2.	Main Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Provides nutrients to budding plants Increased soil fertility and productivity
		<b>MAHA ELE Mycorrhiza</b>	4 Kg per acre	
3.	Vegetative stage (from transplant to panicle initiation in Rice, 15 DAP*)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2 liter per Acre	<b>Soil application:</b> Applied along with Vermicompost, Farm Yard Manure and blow in the paddy field
4.	Growth stage 30 DAP*	<b>MAHA Bio-Potash (KMB)</b>	1-2 liter per Acre	<b>Drenching application:</b> applied through Availability of nutrition for longer duration and increased disease resistance
5.	Mid-season (Reproductive stage)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application</b> Improves crop quality through retention, fruit set and bearing. Acts on the plant through its growth regulation activity, increased root growth
		<b>MAHA NPK #</b>	1-2 liter per Acre	
6.	Late season or ripening stage	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application</b> Provides nutrients and enhances plant for better disease resistance and increased yield <b>Can Be Repeated After 15 Days</b>
		<b>MAHA Bio-Potash #</b>	1-2 liter per Acre	<b>Drenching application</b>

\*Day after transplantation

# Preferable 3 times during the growing stages of the crop at a gap of 15 days



## MAHA Input package

### MAHA Package for Maize

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At sowing time	<b>MAHA ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	Vegetative stage (15-20 day after sowing)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing Nitrogen Fixing, Highly Phosphate Solubilization and potash mobilizing
4.	25-30 day after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing Enhances K uptake of plants leading to higher productivity
5.	At flowering (65-70 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), To improve flowering, Regulates the foliage growth <b>Can Be Repeated After 15 Days</b>
6.	Maturity phase & Gain filling (90-95 days after sowing)	<b>MAHA Bio-Potash (KMB)</b>	1-2 liter per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching Provide strength and resistance to plant to stand biotic stress Increases body, tissues and pulp, enhances growth, ripening and yield





## MAHA Input package

### MAHA Package for Cotton

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At sowing time	<b>MAHA ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	Branching & growth stage (15-20 day after sowing)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing, Nitrogen Fixing, Highly Phosphate Solubilization and potash mobilizing
4.	25-30 day after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing, it helps in potash mobilizing and root development, Boost plant growth, tissue formation
5.	At flowering time (70-80 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), to improve flowering, Regulates the foliage growth
6.	At fruit setting (100-105 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), Maintain proper fruit formation, increases body, tissues and pulp, enhances growth, ripening and yield <b>CAN BE REPEATED AFTER 15 DAYS</b>



## MAHA Input Package

### MAHA Package for Chili, Brinjal, Onion

Sr. No.	Stage/Duration	Product	Dosage	Application & Benefits
1.	At nursery preparation	MAHA PLANT BOOSTER	1-2 Kg per 400 sq. m.	<b>Soil application:</b> Applied along with Vermicompost, Farm Yard Manure (FYM) Available nutrients for plants for long period of time
		MAHA NPK liquid (Microbial Consortia)	1ℓ per Acre	<b>Drenching application:</b> applied through drip or drenching after sowing Nitrogen Fixing, Highly Phosphate Solubilization, and Potash mobilizing
2.	Field preparation (Before transplantation)	MAHA PLANT BOOSTER	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure or any other inorganic fertilizers. Enhance soil fertility naturally & productivity thereby increasing C: N ratio
3.	After transplantation	MAHA ELE Mycorrhiza	4 Kg per acre	<b>Soil/Drip/Drenching application:</b> Applied with Farm yard manure or vermicompost Provides nutrients to budding plants
4.	Branching & Growth stage (15-20 day after transplantation)	MAHA NPK liquid (Microbial Consortia)	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after transplantation To be applied by drenching near root zone Highly viable microbial cultures help to boost the nutrient uptake
5.	Nutrient management (25-30 day after transplantation)	MAHA Bio - Potash (KMB)	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after transplantation It helps in potash mobilizing and root development Provide strength and resistance to plant to stand biotic stress
6.	At flowering (45 day after transplantation)	MAHA Glycine (Zn, B, Ca)	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), Provides deficient nutrients and enhances plant build up for better flowering Overall benefits the productivity of plants
7.	At fruit setting (70-75 day after transplantation)	MAHA Glycine (Zn, B, Ca)	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), Maintain proper fruit formation, increases body, tissues and pulp, enhances growth, ripening and yield <b>CAN BE REPEATED AFTER 15 DAYS</b>



## MAHA Input package

### MAHA Package for Flower plants

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At seed bed preparation or sowing time	<b>MAHA ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	Branching & growth stage (15-20 day after transplantation or sowing)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing Provides nutrients, enhances yield and nitrogen fixing
4.	25-30 day after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing Enhances K uptake of plants leading to higher productivity
5.	At flowering ( <b>First spray:</b> 35-40 day after germination <b>Second spray:</b> 60-65 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of <b>MAHA Glycine</b> (Zn, B, Ca), Zinc glycine, Boron glycine, and Calcium glycine should be applied separately 1–2 days interval between their application. <b>CAN BE REPEATED AFTER 15 DAYS</b>





## MAHA Input package

### MAHA Package for Groundnut and other Oilseed crops

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Enhance soil fertility naturally & productivity thereby increasing C: N ratio
2.	At sowing time	<b>MAH ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time
3.	Branching & growth stage (15-20 day after sowing)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing Nitrogen Fixing, Highly Phosphate Solubilization and potash mobilizing
4.	25-30 day after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing Enhances K uptake of plants leading to higher productivity
5.	At flowering (40-45 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of Maha Glycine (Zn, B, Ca), To improve flowering, Regulates the foliage growth <b>CAN BE REPEATED AFTER 15 DAYS</b>



## MAHA Input package

### MAHA Package for Other Vegetables (Direct Sowing)

Sr. no.	Stage/Duration	Products	Dosage	Application & Benefits
1.	Field preparation	<b>MAHA PLANT BOOSTER</b>	5 Kg per acre	<b>Soil application:</b> Applied using broadcasting method or seed drill Applied along with Vermicompost, Farm Yard Manure (FYM) Increase porosity to ensure better seed/plantlet establishment
2.	At sowing time	<b>MAH ELE Mycorrhiza</b>	4 Kg per acre	<b>Soil application:</b> Applied with Farm yard manure or vermicompost Available nutrients for plants for long period of time Helps in root development
3.	Branching & growth stage (15-20 day after sowing)	<b>MAHA NPK liquid (Microbial Consortia)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 15-20 days after sowing, Nitrogen Fixing, Highly Phosphate Solubilization and potash mobilizing
4.	25-30 day after sowing	<b>MAHA Bio-Potash (KMB)</b>	1-2ℓ per Acre	<b>Drip/Drenching application:</b> applied through drip or drenching post 25-30 days after sowing, reduces immature flower & fruit dropping
5.	At flowering time (35-40 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), to improve flowering, Regulates the foliage growth
6.	At fruit setting (55-60 day after sowing)	<b>MAHA Glycine (Zn, B, Ca)</b>	1.5 ml/liter of water	<b>Foliar application:</b> Spray of MAHA Glycine (Zn, B, Ca), Maintain proper fruit formation, increases body, tissues and pulp, enhances growth, ripening and yield <b>CAN BE REPEATED AFTER 15 DAYS</b>



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