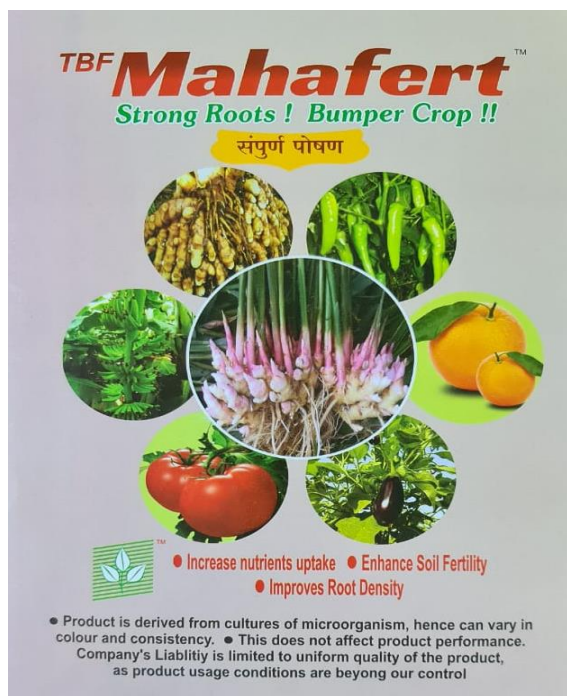


Bio Stimulants

Bio-stimulants stimulates the metabolic activity through various trigger mechanisms and provides intermediate components to complete the action and enhance protein synthesis, increase enzymatic activity, and encourage balanced hormonal synthesis, Resulting better root development, increased biomass, higher grain and fruit yields, higher fruit setting, and no flower and fruit drop.

They are compatible with all fungicides, insecticides and chemical fertilizers it can be used in combination with any other agro-input without any loss of its potential activity. It is an organically synthesized input. It is a combination of various metabolically active compounds derived from mineral source and plant/ animal biomass through aqueous hydrolysis, microbial fermentation, and enzymatic process.

Product No. - 1



Product Details	
Color	Blackish Brown
State	Power
Pack Type	Bag
Pack Size	1 Kg
Brand Name	TBF Mahafert
Usage	Agriculture, Bio Stimulants
MRP	INR 1950

IMPORTANT FUNCTIONS: -

- The use of Mahafert increases leaves size and makes Photosynthesis activity more prevalent.
- Its forms a thin and firm layer on the surface of plant cells, which helps in reducing the incidence of sucking insects.
- Helps in reducing the side effects of nitrogen overgrowth or improper use of nutrients like manganese ferrous etc.
- Proper supply of Mahafert nutrients at the right time gives the crop strength to withstand drought conditions. The crop does not harden and roll.
- Mahafert stimulates root formation, also maintains water balance in the crops which improves its durability and makes it shiny.

- Helps crop grow a lot of new roots.
- Helps crop in getting the nutrients required by the available in the soil.
- The good nourishment of the sprouts.
- It provides abundant nutrients from the soil and destroys fungal diseases that take in the crop root resulting quality yield.
- Reduces the serious effect of excessive use of Manganese, iron, and NPK
- Reduces Fruit Drop and Induces flowering

HOW CROP TAKES: -

- Mahafert is absorbed by crops only in the form of mono silicic acid or orthosilicic acid (H_2SiO_4), Mahafert is mainly absorbed with water through the roots.
- Mahafert accumulates as silicon dioxide (SiO_2) in the plant cellwall and roots of the crop. Plant organs also store monocyclic acid, colloidal silicic acid, or organosilicon compounds.
- Mahafert is first sent to the tops of the crop, most leaves cell store epidermis, which gives the crop a natural immunity. Protects the crop from inorganic weeds.

APPLICATION:

It can be applied to fruits, vegetables, Spices grain, mustard, maize, bajra, cotton, tea, coffee, and all types of pulses and oil seeds.

DOSAGE:

- 1 Kilogram per Acre along with Drip
- 70 Gram per 15 Liter for Drenching

Note – We should use this product after the rooting of the plant.

STORAGE/PRECAUTIONS:

- It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.
- Wash hands thoroughly after use.

Product No. - 2



Product Details	
Color	Light Brown
State	Power
Pack Type	Bottle
Pack Size	100 Gm
Brand Name	T-Oxy
Usage	Agriculture, Bio Stimulants
MRP	INR 450

- T - Oxy is a product based on SP Technology.
- It is a useful product for all crops. Spraying of T-Oxy on cotton, soybean, tur and other pulses.
- Higher photosynthetic activity.
- Induces flowering and fruit setting & reduce flower and flower drop.
- Increases enzymatic activity and encourage balanced hormonal synthesis.
- Better root development ensures higher nutrient and water uptake.
- It has purely natural substitutes and do not have any adverse impact on soil health and fertility

Special Note: - Very good result of T-Oxy is obtained in vegetable crop especially in chilli crop. Usage For all crops.

APPLICATION:

It can be applied to fruits, vegetables, Spices grain, mustard, maize, bajra, cotton, tea, coffee, and all types of pulses and oil seeds.

DOSAGE:

- 10 Gram per 15 Liter for spray

- 100 Gram, Acre along with Drip

Note – We should use this product after the rooting of the plant.

STORAGE/PRECAUTIONS:

- It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.
- Wash hands thoroughly after use.

Product No. - 3



Product Details	
Color	Dark Brown
State	Liquid
Pack Type	Bottle
Pack Size	100 ML
Brand Name	Folixine
Usage	Agriculture, Bio Stimulants
MRP	INR 580

Folixin is a product based on ISRO Technology. The use of Folixin increases the amount of Chlorophyll in the crop leading to an increase of 30-40% in fruit flower retention of the crop.

Enhanced Soil Microbial Activity- Nutrients present in the product as food to beneficial microbes thus increases the microbial activity.

Plant Defence Mechanism- Stimulants present in the product encourage root and shoot growth These roots can absorb greater amount of available nutrients from the soil. Healthy roots and the plants reduce the damage and help in improving the natural defense mechanism of the plant

Increased Chlorophyll Level- Betaines present in the Organic Fertilizers reduce natural damage to the photosynthetic process, hence maintains the chlorophyll content. This helps in keeping the leaves in healthier and greener condition.

APPLICATION:

It can be applied to fruits, vegetables, Spices grain, mustard, maize, bajra, cotton, tea, coffee, and all types of pulses and oil seeds.

DOSAGE:

- 40 - 50 Gram per 15 Liter for spray

Note – We should use this product after the rooting of the plant.

STORAGE/PRECAUTIONS:

- It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.
- Wash hands thoroughly after use.

Product No. - 4



Product Details	
Color	White
State	Liquid
Pack Type	Bottle
Pack Size	500 ML
Brand Name	Power Max - 3
Usage	Agriculture, Bio Stimulants
MRP	INR 620

Power Max - 3 is a modified product. It is a natural tonic for the crop and its use increases the rate of flowering of flowers. The quality of any crop depends on the health of that crop. The use of Power Max helps in keeping the crop healthy. The result is a good effect on the product. Use of Power max enhances cell division of crops resulting in increased storage durability of the resulting product.

Increases yield by 25-30 %
Reduces flower and fruit drop to a great extent
Saves 25-30% chemical fertilizers and increases their efficiency
Plant Growth Promoter

- Growth promoter which promotes and enhances the fertility of the soil to produce distinguished crops.
- Improves Protein synthesis and uptake of macro and micro nutrients.
- Higher chlorophyll synthesis increases photosynthetic activity.
- Enhances immunity & helps to withstand stress conditions
- Induces flowering and fruit setting & reduce flower and flower drop.
- Increases enzymatic activity and encourage balanced hormonal synthesis.
- Better root development ensures higher nutrient and water uptake.
- It has purely natural substitutes and do not have any adverse impact on soil health and fertility