



AMRITBHOOMI™
— बेहतर खेती, बेहतर कल —

PRODUCT RANGE



19 ESSENTIALS PLANT NUTRIENTS

Nitrogen

Essential for chlorophyll production, leaf growth, and protein synthesis, driving photosynthesis and overall plant metabolism for healthy development.

Phosphorus

Supports root growth, seed formation, and energy transfer within plants, enhancing early strength and improving flowering and fruit production efficiency.

Cobalt

Aids nitrogen fixation in legumes, stimulates enzyme activity, and supports overall plant health, especially under stress conditions or poor soil fertility.

Potassium

Regulates water use, enhances photosynthesis, improves disease resistance, and activates enzymes needed for plant growth, fruit quality, and overall productivity.

Calcium

Strengthens plant cell walls, aids nutrient transport, supports root and shoot growth, and prevents disorders like blossom end rot in crops.

Magnesium

Central to chlorophyll molecule, vital for photosynthesis, enzyme activation, and sugar transport from leaves to other plant parts for growth.

Boron

Needed for cell wall formation, pollen tube growth, seed development, and sugar movement within plants, supporting flowering and fruit set.

Chlorine

Supports photosynthesis, osmosis regulation, and ionic balance, while enhancing plant disease resistance and tolerance to environmental stress conditions.

Zinc

Promotes chlorophyll production, enzyme activation, and stem growth; essential for hormone regulation and improving crop yield quality and resilience.

Sulphur

Builds essential amino acids, proteins, and vitamins; enhances enzyme activity and boosts

Selenium

Acts as antioxidant, reduces oxidative stress in plants, supports seed health, and helps protect

Silicon

Strengthens plant cell walls, improves structural rigidity, enhances resistance to pests, diseases, and environmental stresses like drought.

Manganese

Supports photosynthesis, nitrogen metabolism, and enzyme activation, aiding in disease resistance and improving crop yield and quality.

Iron

Required for chlorophyll synthesis, enzyme function, and respiration; critical for green leaf development and overall plant vigor.

Copper

Vital for photosynthesis, respiration, and lignin formation; supports seed production, enzyme activation, and plant structural strength.

Sodium

Helps maintain water balance, supports some photosynthetic processes, and can substitute potassium in specific plant metabolic functions.

Iodine

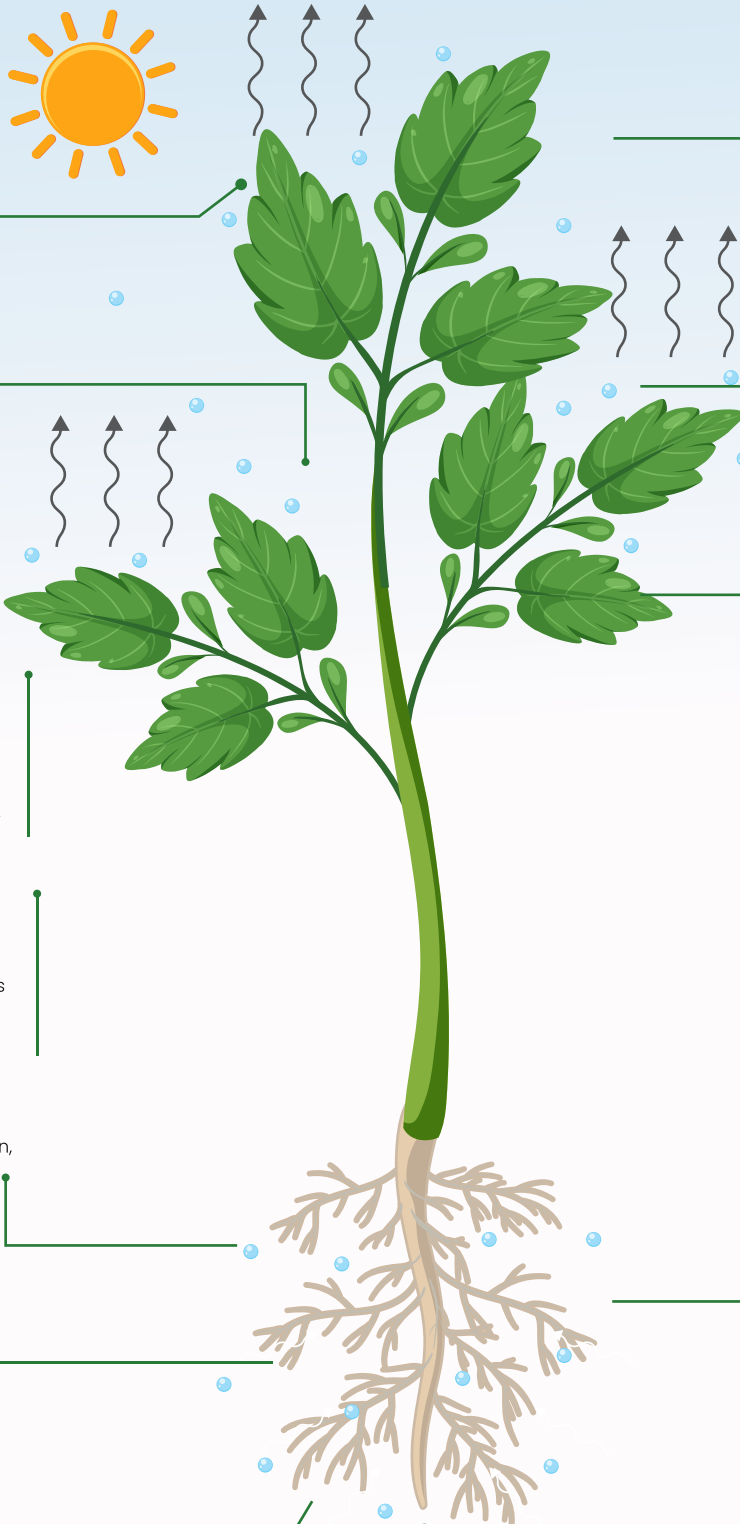
Improves antioxidant capacity, supports metabolic processes, boosts disease resistance, and may enhance plant tolerance to salinity or drought stress.

Nickel

Activates enzymes for nitrogen metabolism, supports urea breakdown, and helps plants manage stress while improving

Molybdenum

Helps in nitrogen fixation, nitrate reduction, and enzyme activity, supporting healthy growth and development in many plant species against environmental stress and disease damage.





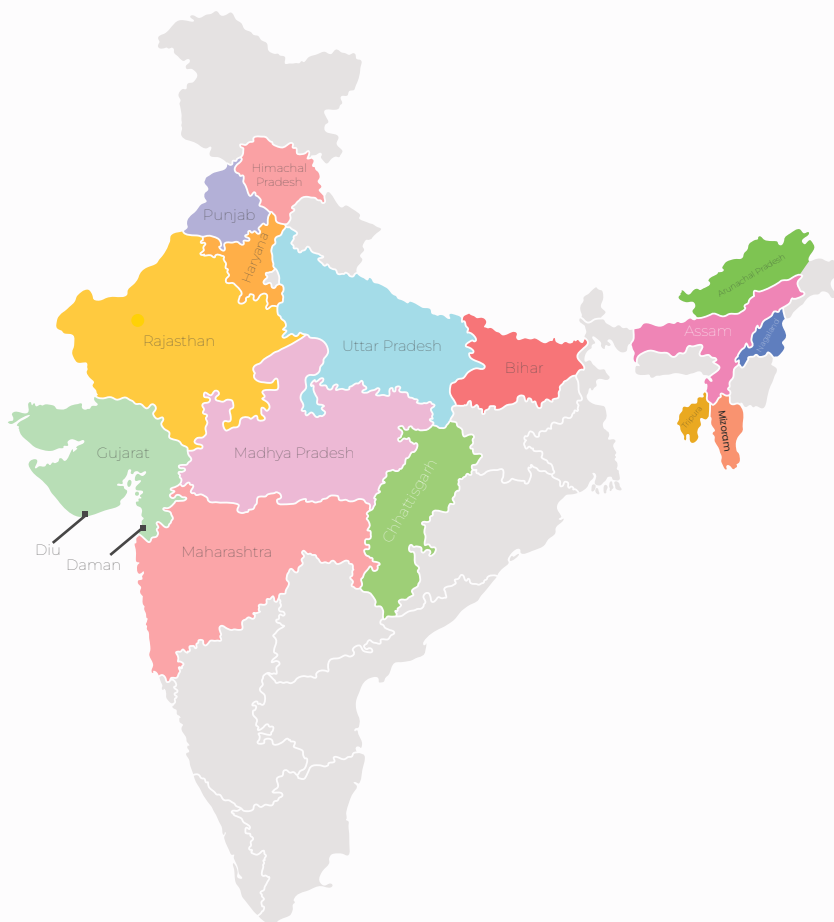
Our Organisation

Radiant Infonet is pleased to introduce its range of **biological input products**, designed to strengthen productivity, resilient, and sustainable farming ecosystems. Insights gained from our agri-tech platform **Navankur** have deepened our understanding of on-field challenges, especially the impact of chemical dependency on soil health and crop productivity.

AmritBhoomi was founded on a deep respect for the soil that sustains life. We believe that healthy agriculture begins beneath the surface. Over time, excessive reliance on chemical inputs has weakened soil health and placed increasing pressure on farmers. AmritBhoomi exists to restore this natural balance by realigning agriculture with the principles of nature.

Naturally derived microbial solutions designed to restore soil biology, enhance crop resilience, and deliver sustainable, residue-free productivity. Quality and performance remain our highest priorities. All AmritBhoomi products are manufactured under stringent quality standards and validated through extensive field trials to ensure consistent efficacy.

Farmers remain central to our approach. Every solution is shaped by real-world insights, crop-specific requirements, and a commitment to building a sustainable agricultural future.



We stand for living soils, resilient crops, and responsible farming practices. Where the land thrives, the farmer prospers, and the future is secured.



Partnership with FMCAS

We partner with FMCAS, India's leading platform advancing agricultural transformation through innovation and strategic collaboration. This partnership enhances farmer access to quality agricultural inputs and solutions. Our biological products are available to farmers through the FMCAS platform. Together, we support sustainable practices, informed choices, and responsible growth. The collaboration strengthens farmer empowerment and builds a resilient agricultural ecosystem.

Our Vision

- Advance regenerative agriculture to restore and protect natural ecosystems.
- Drive bio-based innovation for sustainable productivity gains.
- Uphold responsible practices through strong, collaborative partnerships.
- Deliver farmer-centric, affordable, and sustainable solutions.
- Strengthen resilient food systems for present and future generations.

Our Mission

- To provide timely, high-quality bio-based agricultural inputs that enhance crop productivity and farm efficiency.
- To foster a collaborative, innovative, and empowered organizational culture that drives sustainable growth.
- To uphold strong commitments to health, safety, and environmental sustainability for the benefit of farming communities.
- To promote trust, transparency, and mutual respect among farmers, partners, and stakeholders.

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Sr No	Composition	Product Name	Available Pack
1.	Magnesium 9.6%+ Sulphur 12%	Amrit - MgS	1 kg, 25 kg
2.	Copper 24% + Sulphur 12%	Amrit - Cu	500gm, 1kg
3.	Boron 20% (Di-Sodium Octaborate Tetra Hydrate)	Amrit - Boron	500gm, 1kg
4.	Orthosilicic Acid %,min - 18	AmritBloom	250ml, 500 ml, 1000 ml
5.	Calcium as Ca %, min - 21 Boron as B %, min - 0.1 Zinc as Zn %,min - 1.5	AmritBloom+	250ml, 500 ml, 1000 ml
6.	Entomopathogenic nematodes (EPN) particularly Heterorhabditis indica and Steinernema glaseri (5 X 10 ⁷ Ijs/kg)	C-Guard	100 ml, 250 ml, 500 ml, 1000 ml
7.	Pseudomonas fluorescens CFU count: 1 X 10 ⁸ /g	Bioplantica PF	500 gm, 1000 gm
8.	Beauveria bassiana CFU count: 1 X 10 ⁸ /g	Bioplantica BB	500 gm, 1000 gm
9.	Tricoderma Harzianum (CFU count: 2 X 10 ⁶ per gm. min.) - 1.00%	Bioplantica TH	500 gm, 1kg
10.	Microbial extracts - 60%, Stabilizer - 20%, Inert Material - 20%	Xeno	100 ml, 250 ml, 500 ml, 1000 ml
11.	Microbial extracts - 60%, Stabilizer - 20%, Inert Material - 20%	Defendo	100 ml, 250 ml, 500 ml, 1000 ml
12.	Moisture - 90-97 Total Organic Carbon% (on dry basis) by weight minimum - 14.0	AmritCarbo	500 ml, 1000 ml
13.	PDR - Potash Derived From Rhodophytes Water soluble Potash, percent by weight, minimum - 20.0	AmritK20	250 gm, 500 gm, 1kg
14.	Azotobacter Chroococcum, Bacillus megaterium and Frateuria aurantia - CFU count: 3 X 10 ⁷ /g	AmritFab NPK	500gm, 1000 gm
15.	Neem Seed Kernel Based EC containing Azadirachtin 0.15% (1500 ppm) minimum.	AmritNeem (1500 ppm)	250 ml, 500ml, 1L
16.	Neem Seed Kernel Based EC containing Azadirachtin - 0.3% (3000 ppm) minimum.	AmritNeem (3000 ppm)	250 ml, 500ml, 1L

Sr No	Composition	Product Name	Available Pack
17.	Neem Seed Kernel Based EC containing Azadirachtin - 1% (10000 ppm) minimum.	AmritNeem (10000 ppm)	250 ml, 500ml, 1L
18.	Sticker and Penetrator	Eco Stik	100ml, 250ml, 500ml, 1L
19.	Microbial extracts - 30%, Stabilizer - 05%, Carrier - 65%	AmritRoot	100 ml, 250 ml, 500 ml, 1000 ml
20.	Microbial biomass - 10% Stabilizers - 20% Inert Material - 70%	EcoSafe	100 ml, 250 ml, 500 ml, 1000 ml
21.	Glycerol - 5%, Microbial Extracts-55%, Tween - 5%, Water -35%	Weed-Out	100 ml, 250 ml, 500 ml, 1000 ml, bulk
22.	Seaweed Liquid Kappaphycus alvarezii - 24%	Seayagold (L)	500 ml, 1000ml
23.	Seaweed Granule Seaweed (Sargassum tenerrimum) containing alginic acid 0.2% - 2.0 %	Seayagold (G)	10 kg
24.	Hydrolysed Protein- 50%; Biomanganese - 5%; Inert - 15%, Bio-Potash - 25%, Bio-Boron- 5%	GrowSake	100 ml, 250 ml, 500 ml, 1000 ml
25.	N-10.94%, P2O5 -5.87%, K2O - 6.27%, Zn - 1.32mg/kg, OC - 21.06%	Amrit NPK 11.6.6	100 ml, 250 ml, 500 ml, 1000 ml
26.	Amino acids, Hormones, Fluoreins, Trace hormones:- 60%; Stabilizers - 10%, Inert Materials - 30%	Elixir	100 ml, 250 ml, 500 ml, 1000 ml
27.	Natural Aminoacids -40%, Stabilizers - 10%, Inert material - 50%	AmritPower	5 ml, 10 ml, 30 ml, 50 ml, 250 ml
28.	Humic Acid - 60%; Fulvic Acid - 20%, Essential Nutrients - 20%	Humigen	1 00 ml, 250 ml, 500 ml, 1000 ml

AMRIT - MgS (Speciality Nutrient)

It plays an important role in phosphate metabolism, plant respiration and activation of enzyme systems.

Technical Specifications:

Magnesium 9.6% + Sulphur 12%

Product Information/Benefits:

- Magnesium is an important constituent of the chlorophyll molecule. Photosynthesis depends on the content of chlorophyll. Therefore, the initial development of any crop will be suppressed if the availability of Magnesium is limited.

- Magnesium deficiency occurs in areas with high rainfall or wet regions, especially in light and acid soils.

- Magnesium is necessary to achieve high concentrations of starch in potatoes, sugar beet and fats in oil seeds.

Dosage and Method of Application:

Foliar Spray: Dissolve 3.0 – 5.0 g of AMRIT MgS per litre of water. First spray 20 – 25 days after transplantation. Repeat another two sprays at an interval of 10 – 15 days and give 2–3 sprays during cropping seasons.

In case of cotton 3 sprays are helpful in controlling red leaf disease.

Soil Application: For field crops and oil seed crops 20 – 25 kg of Multiplex Magnesium Sulphate/ acre.

Plantations: 150 – 200 g per tree per annum.

Crops: Cotton, Citrus Fruits, Vegetables, Banana, Oil Seeds, Pulses, Flower Plants, Cereals.

Pack Size Available: 1 kg, 25 kg



AMRIT - Cu (Speciality Nutrient)

Copper is essential for the photosynthesis process and prevents the degeneration of chlorophyll. It helps in the growth and production of Vitamin A and various enzymes. It also regulates the oxidation process in plants.

Technical Specifications:

Copper 24% + Sulphur 12%

Product Information/Benefits:

- AMRIT Cu helps in the eradication of fungal diseases and correcting copper deficiency in the soil.
- It enhances oil contents in Mentha, Legumes, Rapeseed, Mustard, Peanuts, etc.

Dosage and Method of Application:

Use as fungicide: (Preparation of 1% Bordeaux Mixture). Dissolve 1.0 kg of AMRIT-Cu in 50 litres of water and 1.0 kg of Calcium carbonate/ any lime source, dissolved in 50 litres of water in another container and pour both into a third container by mixing continuously and solution becomes neutral.

For Spray: Dissolve 1kg AMRIT-Cu in 240 L water, use twice in a month.

Soil application: Use 2-4kg AMRIT-Cu/acre.

Crops: Cereals, Maize, Wheat, Peas, Cabbage, Onion, Pepper, Tomato, Apple, Grapes

Pack Size Available: 500gm



AMRIT - Boron (Speciality Nutrient)

Amrit-Boron is essential for optimum utilization of calcium and is vital for the growth and development of the plant. Amrit-Boron is important for regulating plant's hormone levels.

Technical Specifications:

Boron 20% (Di-Sodium Octaborate Tetra

Product Information/Benefits:

- It enhances flowering, prevents flower dropping and avoids fruit cracking.
- It improves grain quality, quality of the produce and also increases the yield.
- Boron is required in cell wall formation and stability, maintenance of structural and functional integrity of biological membranes.

Dosage and Method of Application:

Foliar Spray: Dissolve 1.0 g in one litre of water. First spray: Just before flowering and Second spray: 10 -12 days after first spray. Two sprays during the cropping season are enough to meet the boron requirement of the crop.

Crops: Cereals, Pulses, Oil Seeds, Vegetables, Fruits, Greenhouse crops.

Pack Size Available: 500gm, 1kg



AMRITBLOOM (Speciality Nutrient)

Orthosilicic acid (OSA) is a bioavailable form of silicon essential for plant growth and development. It is a stable liquid fertilizer that supplies readily absorbable silicon to crops, enhancing plant strength, stress resistance, and nutrient uptake efficiency.

Technical Specifications:

Orthosilicic Acid %,min – 18

Soluble Potassium as K₂O %,min – 3

Insoluble Matter %, max – 0.4

pH – 10.5-11.5

Specific gravity g/ml,min – 1.1

Product Information/Benefits:

- Enhances cell wall strength and structural integrity.
- Strengthens plant defenses against pathogens.
- Increases tolerance to environmental stresses such as drought and salinity.
- Facilitates better absorption of essential nutrients.
- Easily absorbed by plants, ensuring effective utilization.
- Strengthens defence against pests & diseases.

Dosage and Method of Application:

It can be used as 2-3 ml in per litre of Water.

Pack Size Available: 1 litre



AMRITBLOOM+ (Speciality Nutrient)

A liquid formulation that provides a concentrated source of calcium along with zinc and boron for plants. It is specially designed for crops requiring high calcium input to improve structural integrity, nutrient transport, and overall plant growth.

Technical Specifications:

Calcium as Ca %, min - 21

Boron as B %, min - 0.1

Zinc as Zn %,min - 1.5

Specific gravity g/ml,min - 1.74-1.76

pH - 8.5 - 10

Product Information/Benefits:

- Effective solution for addressing blossom end rot, tip burn, and poor fruit set.
- Calcium strengthens cell walls, while boron aids in cell division and zinc supports enzyme function, leading to healthier plants.
- Enhanced fruit and vegetable quality.
- Easy to mix and apply, suitable for foliar sprays or soil applications.
- Quickly absorbed by plants, providing immediate benefits.

Dosage and Method of Application:

Foliar application - 2 mL per litre of

Pack Size Available: 250ml, 500 ml, 1 Litre



C-GUARD (Bio-Control Agent)

C-Guard have such a wide host range that they can be used successfully on numerous insect pests & Larvae. Their nonspecific development, which does not depend on specific host nutrients, allows them to infect a large number of insect species & larvae.

Technical Specifications:

C-Guard is a formulation of entomopathogenic nematodes (EPN) particularly *Heterorhabditis indica* and *Steinernema glaseri* (5×10^7 IJs/kg). It is a research product developed by ICAR- SUGARCANE BREEDING INSTITUTE, COIMBATORE with SKR Agrotech as the Licensed Manufacturer.

Dosage and Method of Application:

Mix 1 kg of C-Guard in an optimum quantity of water required for drenching or spraying the 1 acre area. Irrigate the field after irrigation.

Pack Size Available: 1 kg

Product Information/Benefits

01

C-Guard kills their insect hosts within 48 to 72 hours. This is durable and can stay viable for months when stored at the proper temperature.

02

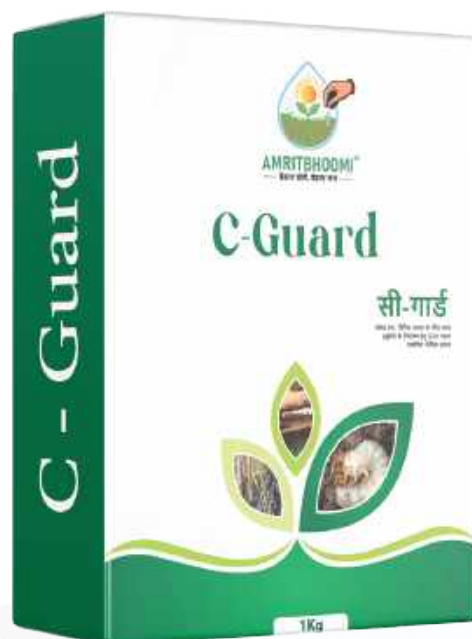
This is an effective biocontrol method for controlling insect larvae organically.

03

It is also compatible with various insecticide, herbicides and fertilizers.

04

It is safe for Human health, plants, beneficial insects and environment.



BIOPLANTICA PF (Bio-Control Agent)

Bioplantica PF is used in the control of leaf diseases. It is effectively utilized to control pathogenic organisms like *Sarocladium* spp., *Pyricularia* spp, *Rhizoctonia* spp, *Sclerotium* spp, *Pythium* spp, *Phytophthora* spp, etc.

Technical Specifications:

Pseudomonas fluorescens– CFU count: 1×10^8 /g

Product Information/Benefits:

- Selective bio-agent and effectively controls soil-borne Nematodes and Fungal diseases on various crops (Tomato, Okra).
- It is recommended in wet land ecology. It is a fast multiplying bacterium even under the unfavourable anaerobic conditions.
- It is capable of thriving well even in saline soils that is characteristic of paddy and millet growing areas.

Dosage and Method of Application:

Wettable powder formulation –1-1.25 kg/acre

Soil Drenching: Mix 1-1.25 kg of Bioplantica PF with 200 litre of water and drench the soil around the base of the plant

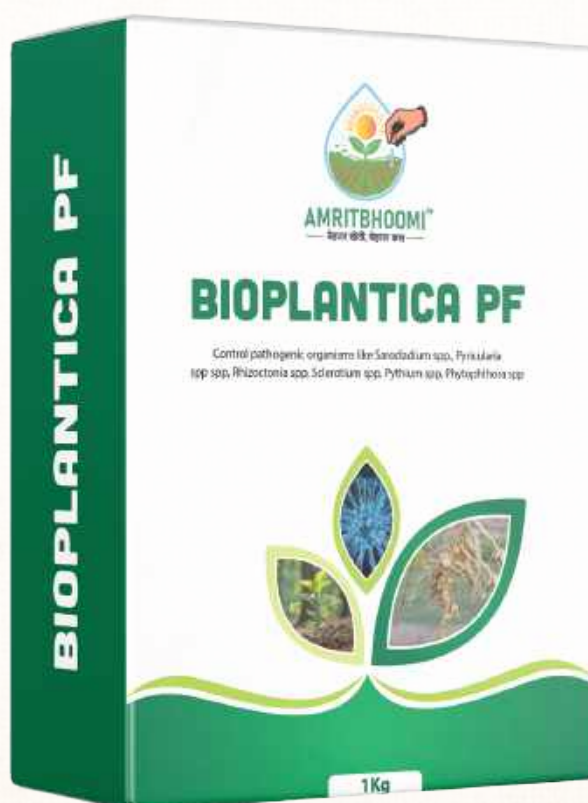
Soil application: Mix 1-1.25 kg of Bioplantica PF per acre with 100 Kg of FYM and broadcast uniformly all over the field before transplanting.

HORTICULTURE CROPS: For mango, Citrus, grapes, papaya, banana, amla etc.

Big Trees: @ 20-30 gm per tree.

Small Plants: @ 5-10 gm per plant.

Pack Size Available: 1 kg



BIOPLANTICA BB (Bio-Control Agent)

This naturally soil-inhabiting fungus infects agriculturally important pests such as thrips, whitefly, spider mites, and aphids that have developed a high resistance to chemical insecticide.

Technical Specifications:

Beauveria bassiana-CFU count: 1×10^8 /g

Product Information/Benefits:

- Targets a wide range of pests across most insect orders
- Beauveria bassiana acts on the cuticle of susceptible insects and produce toxins and drains the insect of nutrients, eventually killing it
- It can induce plant defense responses against both biotic (insect herbivory) and abiotic stresses.
- Contains conidia (asexual spores) that can survive in various environmental conditions.
- Spores can remain viable in the soil or on plant surfaces for weeks to months, offering long-lasting pest control effects after application.

Dosage and Method of Application:

Method of application:-

1. **Wettable powder formulation:-** 1.25 kg/acre

2. **Foliar spray:-** Mix 1.25 kg of BIOPLANTICA BB with 200 litre of water and spray at early morning, late afternoon or evening, or on cloudy or rainy days after removing the nozzle.

TARGET PEST - CROP

Spodoptera - Soyabean

Bollworm/Cutworm - Cotton

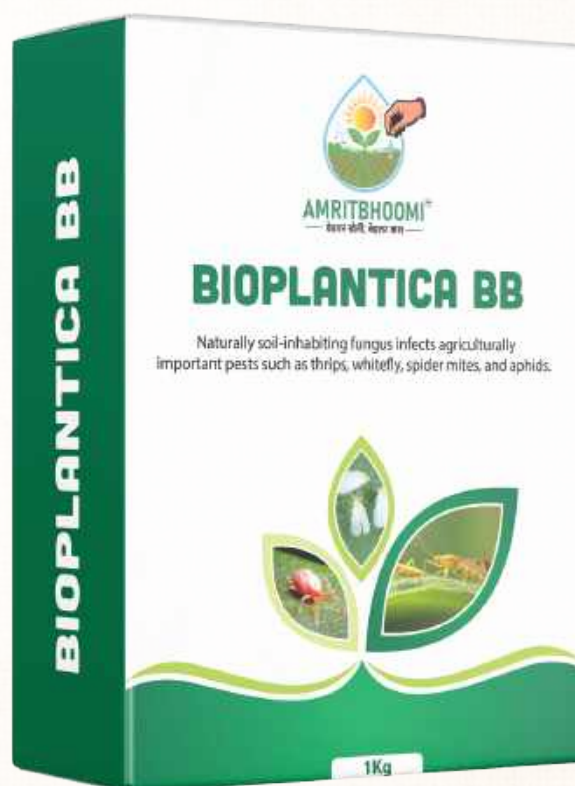
Pod Borer - Brinjal, okra, toor, green gram, black gram, bengal gram

DBM - Cauliflower

Borer - Corn

Berry Borer - Coffee

Pack Size Available: 1 kg



BIOPLANTICA TH (Bio-Control Agent)

Bioplantica TH is an eco-friendly biological fungicide. It is highly effective in controlling soil-borne phytopathogenic microbial populations in crops, leading to increased crop yields. Furthermore, it does not harm natural predators or parasites.

Technical Specifications:

CHEMICAL COMPOSITION:	-	% w/w
Tricoderma Harzianum (CFU count: 2×10^6 per gm. min.)	-	1.00%
Carboxy methyl cellulose	-	1.00%
Talc Powder	-	98.00%
Total	-	100.00%

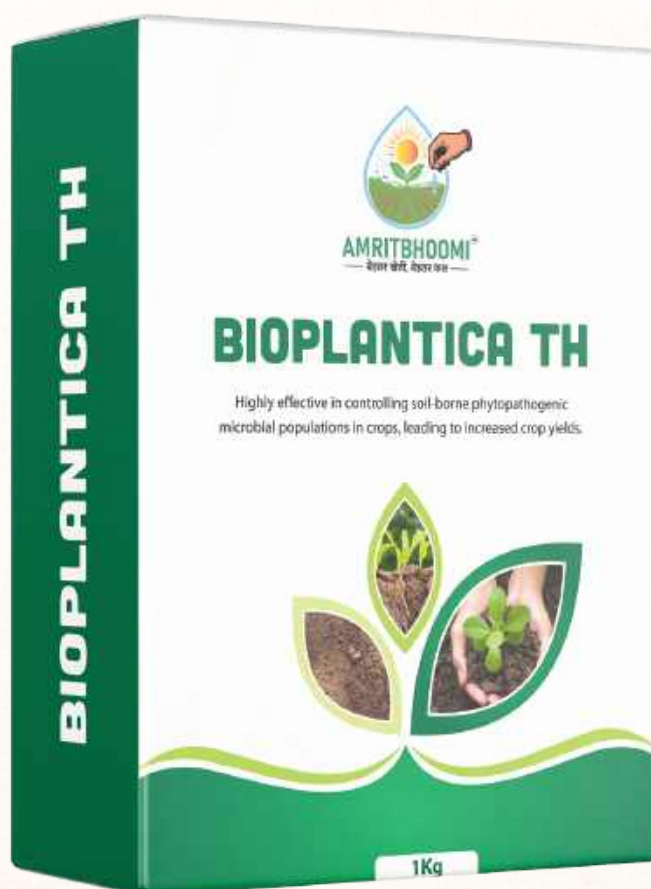
Product Information/Benefits:

Bioplantica TH works by competing with harmful fungi for nutrients to protect plants producing extracellular enzymes that break down the cell walls of harmful fungi and pathogens, which eventually collapse and disintegrate. Secreting antibiotics that inhibit the growth of harmful fungi.

Dosage and Method of Application:

- **Seed treatment:**– Mix 5–10 ml of Bioplantica TH in 50 ml of water and apply it uniformly on 1 kg of seed. Dry the seeds in shade for 20–30 minutes before sowing.
- **Transplantation:**– Dissolve 250 ml of Bioplantica TH in 50 liters of water and dip seedling roots for about 30 minutes in the solution. Then, transplant immediately.

Pack Size Available: 1 kg



Xeno (Bio-Control Agent)

Xeno is a 100% bioextract that acts against all sucking pests like mealy bugs, thrips, white flies, leaf miners and mites.

Sucking pests (mealy bugs, thrips, white flies, leaf miners, mites)

Technical Specifications:

Microbial extracts - 60%, Stabilizer - 20%, Inert Material - 20%

Inhibits chloride ion channels - neuromuscular paralysis.

The bioextracts in this composition will block the transmission of nerve and muscle cell by inhibiting Glutamate-gated Chloride ion channel which will affect the neuromuscular system of pests.

Product Information/Benefits:

Mode of Action:

The bioextracts in this composition will block the transmission of nerve and muscle cell by inhibiting Glutamate-gated Chloride ion channel which will affect the neuromuscular system of pests.

Dosage:- 2-3 ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



Defendo (Bio-Control Agent)

Defendo contains natural extracts which induces resistance against Lepidopteran Pests. It performs well on all crops under different agroclimatic conditions.

Lepidopteran pests (larvae and borers)

Technical Specifications:

Microbial extracts – 60%, Stabilizer – 20%, Inert Material – 20%

Induces plant resistance.

Product Information/Benefits:

Mode of Action:

The bioextracts in this composition will block the transmission of nerve and muscle cell by inhibiting Glutamate-gated Chlorideion channel which will affect the neuromuscular system of pests.

Dosage: 5–10 ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



AMRITCARBO (Biofertiliser)

AMRITCARBO offers a sustainable alternative to synthetic fertilizers, minimizing environmental impact and promoting a more balanced ecosystem. The liquid form of AMRITCARBO allows for rapid nutrient absorption by plant roots, promoting quicker growth and development.

Technical Specifications:

Liquid Fermented organic manure (Enrich with novel carbon source and growth promoting natural substance)

Product Information/Benefits:

- **Improved Soil Structure:-** Fermentation improves soil aggregation, water-holding capacity, and aeration, leading to better root development and overall soil health.
- **Increased Microbial Activity:-** AMRITCARBO promotes the growth of beneficial soil microorganisms, which play a crucial role in nutrient cycling, disease suppression, and overall soil fertility.
- **Enhanced Root Development:-** By improving soil structure and providing essential nutrients, AMRITCARBO encourages strong and healthy root systems.
- **Increased Yields:-** Healthier plants, with better nutrient uptake and disease resistance, often translate to higher crop yields.
- **Improved Stress Tolerance:-** AMRITCARBO can help plants better withstand various environmental stresses like drought and disease.

Dosage: 1 to 1.5ltrs in one acre area for all Crops.

Pack Size Available: 1 Litre



AMRITK20 (Biofertiliser)

Potash Derived From Rhodophytes

Technical Specifications:

PDR – Potash Derived From Rhodophytes

S No. – Composition – Unit

1. Moisture percent by weight, maximum – 5.0
2. Water soluble Potash, percent by weight, minimum – 20.0
3. Total Sulphur (as S), percent, by weight, minimum – 1.5

Product Information/Benefits:

- **Improved Produce Quality:** Produces larger, more vibrant fruits and vegetables with improved shape and colour, Keeps produce fresher for longer, leading to reduced spoilage and improved marketability.

Wide Applicability:

- **Suitable for All Crops:** Benefits a wide range of agricultural crops.
- **Effective Application:** Recommended for foliar application for maximum absorption and effectiveness.

Dosage and Method of Application:

CROP DOSE – 200–250 g/ac FOR FOLLOWING CROPS FOR FOLIAR SPRAY:–

- a.) **Paddy:–** 3 applications –Pre-flowering , booting / panicle initiation stage and grain filling stage.
- b.) **Corn (Maize):–** 2 applications – Pre-flowering and cobb formation stage.
- c.) **Tomato, Brinjal, Bhendi, Chilli:–** 2–3 applications – Vegetative stage, flowering stage & fruiting stage and after every picking till 5 to 6 cycles.
- d.) **Gourds:– 3 applications –** Pre-flowering, flowering and fruiting stage and after every picking till 5 to 6 cycles.

Pack Size Available: 450gm



AMRITFAB NPK (Biofertiliser)

This is a seed treatment product which promotes uniform seedling emergence, ensuring strong early growth.

Technical Specifications:

This is a seed treatment product containing, Azotobacter chroococcum; Bacillus megaterium; Frateuria aurantia; Biostimulants and carrier.

Product Information/Benefits:

Root growth stimulation: Stimulates vigorous root development for enhanced nutrient uptake.

Shoot strengthening: Fortifies plant shoots, increasing resilience to environmental stressors.

Reduced fertilization: Enhances nutrient efficiency, reducing the need for synthetic fertilizers.

Systemic Acquired Resistance (SAR): Provide plants against pathogens and stresses for long-term health.

Dosage and Method of Application:

Seed treatment (Water soluble formulation) – 0.5-6g/kg of seeds

1. Mix AmritFAB Bio NPK product with water according to the recommended quantities and apply to seeds.
2. Shade-dry for 5-10 minutes and sow immediately.

Crop	-	Product Doses(g/kg of seed)	-	Water required(mL/kg of seed)
Wheat	-	0.75g /kg of seed	-	15 mL/kg of seed
Paddy	-	1.5g /kg of seed	-	20 mL/kg of seed
Corn	-	1.5g /kg of seed	-	10 mL/kg of seed
Pearl millet	-	3g /kg of seed	-	18 mL/kg of seed

Pack Size Available: 500ml, 1 Litre



AMRITNEEM (Neem Based Insecticide)

AMRITNeem a biological insecticide based on neem seed kernel extract. Its pest repellent properties makes it a widely accepted and highly tool to control the menace of various sucking and chewing pests. It is an effective IPM tool for the control of bollworm, borers, aphids, jassids, white flies, thrips on a wide range of crops.

Technical Specifications:

It contains effective pest-controlling elements like Azadirachtin, nimbin, nimbidin, nimbinene, salannin, fraxinellone, etc. which in turn increase its effectiveness against various pests.

Product Information/Benefits:

MODE OF ACTION: Its bitter taste helps to keep the pests at bay and it also acts as an effective anti-feedant for the insect pests. By doing this it starves the pest and also helps in stopping their multiplication.

Dosage and Method of Application:

Doses For AMRITNeem

Cotton, Paddy, Sorghum, Chana, Okra, Cabbage, Tomato, Field crops and their Vegetables

CROP	- Target Pest
Cotton	- Bollworm, aphids, jassids, white fly
Paddy	- Leaf folder, BPH, Stem borer
Sorghum	- Shoot fly, Stem borer, Aphids
Chana	- Pod borer
Okra	- Fruit borer, leaf hopper, leaf folder
Cabbage	- DBM
Tomato	- White fly, Borer
Rose	- Aphids



AMRITNeem (1500 ppm)

Neem Seed Kernel Based EC containing Azadirachtin - 1%(1500 ppm) minimum.

Doses For AMRITNeem 1500 ppm
3ml- 3.5ml /lit



AMRITNeem (3000 ppm)

Neem Seed Kernel Based EC containing Azadirachtin - 1%(3000 ppm) minimum.

Doses For AMRITNeem 3000 ppm
2-2.5. ml/lit



AMRITNeem (10000 ppm)

Neem Seed Kernel Based EC containing Azadirachtin - 1%(10000 ppm) minimum.

Doses For AMRITNeem 10000 ppm
1-1.5 ml-lit

Pack Size Available: 250 ml, 500 ml , 1 litre

ECOSTIK (Sticker)

ECOSTIK is a technical spreader and penetrator that has unique qualities of sticking and spreading. It does not allow the spray solution to wash out even in rains. Its non-corrosive properties keep the spray & drip equipment safe and working. It can be used with insecticides, fungicides and stimulant on all crops.

Technical Specifications:

Sticker and Penetrator.

Product Information/Benefits:

Advantages: – It provides uniform spray deposit on leaf surface and helps in improving the coverage of the spray solution. It improves the effectiveness of the spray solution by providing penetrating effect. If used through drip, it helps to retain moisture in the root zone. It saves money by way of reduced dosages of costly agri-input products.

Dosage and Method of Application:

Spray solution: 50 ml Ecostik for 200 liters of spray solution

In rainy Season: 100 ml for 200 liters solution

Soluble Fertilizers: 500 ml per tank

Drip unit Cleaning: 500 ml before stopping drip.

Pack Size Available: 100ml, 250 ml, 500 ml, 1 litre



AmritRoot (organic Insecticide)

AmritRoot is a novel blend of microbial and plant extract. It is an organic fungicide to all soil pests like white grubs, termites, wireworms and nematodes.

Soil pests (white grubs, termites, wireworms, nematodes)

Technical Specifications:

Microbial extracts – 30%, Stabilizer – 05%, Carrier – 65%

Enters the gut and damages the epithelial layers of the digestive system thereby resulting in septicemia leading to death of the pest. It also inhibits the chitin synthesis.

Product Information/Benefits:

Mode of Action:

On ingestion, Mikroot enters the gut and damages the epithelial layers of the digestive system thereby resulting in septicemia leading to death of the pest. It also inhibits the chitin synthesis.

Dosage: 5 ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



Ecosafe (Bio-Fungicide)

Ecosafe is a microbial based fungicide effective against oomycetes group of fungi like Pythium, Phytophthora, Plasmapara etc. It also Provide Protection against Soil borne Pathogens like Fusarium, Rhizoctonia, Sclerotium, (Wilt).

Technical Specifications:

Microbial biomass – 10% Stabilizers – 20% Inert Material – 70%

Product Information/Benefits:

- Ecosafe contains systemic compounds and helps in translocation both basipetally (downward) and acropetally when applied to roots or leaves.
- Inhibits the pathogen cell wall formation thereby causing destruction of cell integrity leading to cell death.

Dosage and Method of Application:

Can be used on all the crops which are effected by the above mentioned Diseases.

Doses :- 1-2 ml/l

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



WeedOut (Bio-Herbicide)

WeedOut produces remarkable results as the unique formulation of natural botanical plant extract and enzymatic metabolites kills all types of weeds and is also non toxic and environment friendly.

Technical Specifications:

Glycerol - 5%, Microbial Extracts-55%, Tween - 5%, Water -35%

Inhibits photosynthesis using microbial metabolites and plant extracts.

During fermentation process the microbe's releases certain enzymes called as metabolite inhibitors. These inhibitors are formulated with other plant extract and binding agents to make the product more effective. These inhibitors tend to inhibit the metabolite pathway by blocking the photosynthesis which then leads to the death of the plant.

Dosage:- 10-15 ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



SEAYAGOLD (L) (Bio-Stimulant)

The Bioactive compounds in seaweed extract help plants withstand environmental stresses like drought, heat, disease, enhancing their resilience and survival rates. It also fosters better nutrient absorption by plants, improving their efficiency in utilizing soil nutrients and reducing fertilizer runoff, thus benefitting the environment.

Technical Specifications:

Seaweed Liquid

Kappaphycus alvarezii - 24%

Total carbohydrate per cent. by weight, minimum - 7.5%

D-Galactose - 4-O- Sulphate per cent. by weight, minimum - 6.0%

pH (minimum) (1:2 aqueous solution) -3.0-5.0

Inert- QS

Total- 100.0

Product Information/Benefits:

- Balances Soil pH – The Alkaline nature of Seaweed extract helps in neutralizing acidic soils, creating a more favourable environment for plant growth & microbial activity.
- Promotes Flowering & Fruit Set – The application of Seaweed for plants stimulates flower formation, increases fruit set, leading to higher yields & improved crop quality.
- Encourages Microbial Activity – Seaweed extract acts as a biofertilizer, fostering beneficial soil microorganisms that contribute to nutrient cycling & soil health.

Dosage and Method of Application:

Crops - Doses - Time of Application

a.) Cereals, Pulses & Oil Seeds - 2-3 ml/L - 20-25 days after sowing/planting & 15 days later.

b.) Vegetable & Commercial Crops - 3-4 ml/L - 20-25 days after sowing/planting & 15 days later.

c.) Fruit & Plantation Crops - 3-4 ml/L - At the time of flowering (or April-May) & 15 days later.

Pack Size Available: 500 ml, 1 Litre





SEAYAGOLD (G) (Bio-Stimulant)

Seaweed provides a major boost to plant growth by accelerating the plant's metabolic function. It activates rhizosphere microbial population. and promote root growth, which increases nutrient absorption.



Technical Specifications:

Seaweed Granule

Seaweed (Sargassum tenerrimum) containing alginic acid 0.2% - 2.0 %

pH (1:2 aqueous solution) - 6.0 - 8.5

Bulk density (g/cc) - 0.95 - 1.1

Inert -QS

Total -100.0

Product Information/Benefits:

- It can help plants resist adverse environmental conditions.
- Improves soil structure and moisture retention.
- Increases the overall growth parameters like tillering, flowering and root growth results improves yield.

Dosage and Method of Application:

Recommendation Crops: - All field crops, Pulses, Oilseeds, Horticulture & Vegetable crops, Sugar & Fiber crops, Plantation crops, Medicinal and Aromatic crops.

Dosage & Application:

1. **Field Crops:** 20 Kg per acre

Two Times (Basal Application) -

a.) At the time of sowing (10kg)

b.) 45 Days After Sowing (10kg)

2. **Horticultural Crops:** 200 gm per tree.(Basal Application)

Pack Size Available: 10 kg , 25 kg



GrowSake (Bio-Stimulant)

GrowSake is suitable for general maintenance of crop nutrient levels, encourages vigorous root establishment, and promotes balanced healthy vegetative growth with abundant

Technical Specifications:

Hydrolysed Protein- 50%; Biomanganese - 5%; Inert - 15%, Bio-Potash - 25%, Bio-Boron- 5%

Product Information/Benefits:

- Contains amino acids with micro and macro elements in essential quantities which facilitates better absorption and assimilation of nutrients, increasing the yield and improving overall quality of crops.
- Contains microbial byproducts rich in phytohormones, PGA, proteins, carbohydrates, vitamins and other growth regulators.
- The product is also blended with several phytoelicitors that give protection against pests & diseases by imparting System Acquired Resistance (SAR)

Dosage:- 3-5 ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre



Amrit NPK 11.6.6 (Bio-Stimulant)

AmritNPK 11.6.6 is an organic fertilizer produced from 100% microbial extracts and secondary metabolites. It contains a high content of organic matter/ carbon which is essential for the maintenance of soil fertility.



Technical Specifications:

Nitrogen (N) – 11% Phosphorous(P) – 6 % Potassium(K) – 6 %
N-10.94%, P₂O₅ – 5.87%, K₂O – 6.27%, Zn – 1.32mg/kg, OC – 21.06%

Product Information/Benefits:

Features:

- NPK 11:6:6 provide helpful micronutrients to plants
- Helps in uptake of atmospheric nitrogen
- Absorption of the missing form of phosphate
- It increases the water-holding capacity and reduces the hardness of the soil.

Dosage and Method of Application:

- For foliar use, dissolve 10 ml of NPK 11:6:6 in 1 liter of water.
- Mix 10 ml of NPK 11:6:6 in 1 liter of water for drip irrigation or soil drenching.
- Repeat spray every two to three weeks in plants.

Recommended Crops:

- Horticulture plants
- Fruits (Apple, Pineapple, Guava, Mango, Lemon, Orange, litchi, Rambuthan, Mango stein and Papaya etc.)
- Plants (Sugarcane, Rubber, Coffee, Tea and Cardamom etc.)



Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre

Elixir (Bio-Stimulant)

Elixir is an excellent plant yield booster, derived from natural substances through fermentation process.

Technical Specifications:

Amino acids, Hormones, Floeigens, Trace hormones:- 60%; Stabilizers – 10%, Inert Materials – 30%

Product Information/Benefits:

- Elixir has several trace elements, nutrients, hormones and other florigens that help flower retention and arrest flower drop.
- The unique feature of photosynthatate translocaters coupled with hydrolyzed proteins ensures good fruit formation and proper seed filling which results in better yield and quality produce.
- The antioxidants and natural occurring hormones will improve the quality of the produce and freshness of the agri produce (flowers and fruits)

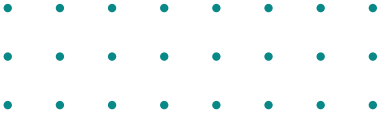
Dosage and Method of Application:

Dosage: 3 ml/L

Use 1st spray of Elixir at the time of flower initiation and 2nd spray during fruit formation stage.

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre





AmritPower (Bio-Stimulant)

AmritPower is an excellent plant tonic, derived through the fermentation process.

Technical Specifications:

Natural Aminoacids – 40%, Stabilizers – 10%, Inert material – 50%

Product Information/Benefits:

- It contains several trace elements, nutrients, and phytohormones that impart good vegetative growth and increases productivity.
- In the case of multi harvested crops, spray has to be applied with the harvest practice.

Dosage: 5 ml/L

Pack Size Available: 5 ml, 10 ml, 30 ml, 50 ml, 250 ml



Humigen (Bio-Stimulant)

Humigen is formulated with high grade humic acid that promotes plant health and growth, along with the fulvic acid and other essential elements.

Technical Specifications:

Humic Acid – 60%; Fulvic Acid – 20%, Essential Nutrients – 20%

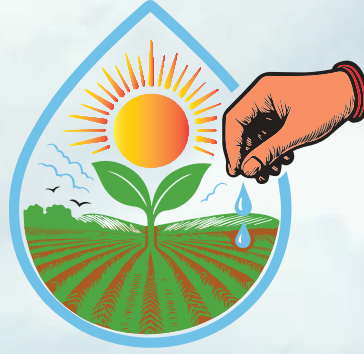
Product Information/Benefits:

- Humigen contains humic Acid, Fulvic acid, macro micro nutrients which are essential for the plant growth and development.
- In high pH soils, where nutrient availability is a problem, AmritHume greatly increases the availability of Phosphorus, Iron, Zinc and Manganese.
- An effective soil enhancer and a plant growth bio-stimulants.
- High in both humic and fulvic acids, auxins, minerals, vitamins.

Dosage: 3-5ml/L

Pack Size Available: 100 ml, 250 ml, 500 ml, 1 Litre





AMRITBHOOMITM
— बेहतर खेती, बेहतर कल —

ABOUT US

Navankur, is pleased to present our range of biological and organic agricultural input products under the brand name **AmritBhoomi**. The AmritBhoomi product portfolio currently includes a variety of field-tested and result-oriented solutions, such as biofertilizers, biostimulants, specialty nutrients, biocontrol agents, and neem-based insecticides. Our products are designed to restore and regenerate soil health by improving organic matter content, rebalancing soil nutrition, enhancing water retention, promoting natural plant growth, and protecting crops from pests through ecological means. AmritBhoomi products are engineered to improve nitrogen use efficiency, safeguard biodiversity, and reduce dependency on harmful agrochemicals, thereby aligning with international goals for regenerative and climate-smart agriculture.

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