



WE, A FAMILY



BIOFACTOR

— Designed By Nature Delivered By Us —

Company Overview

www.biofactor.in

We, Biofac Inputs Private Limited are pioneer in probiotics, bio stimulants, biopesticides, nano pesticides, nano emulsion and related alternatives that help reduce the environmental impact and benefit the farming community.

We are leaders in providing biologically beneficial microbes/enzymes that cater to the needs of organic- agriculture, aquaculture, poultry and livestock. For over a decade, Biofac is engaged in research and development of bio solutions that are need of the hour. We closely follow NCIM, ICAR amongst other to understand the contemporary scenario and to steer R&D efforts backed by microbiologists and biotechnologists to provide innovative, juts-theright-mix traits ontime, to promote sustainable farming practices.

“To develop environment-friendly biological inputs at affordable prices that maximize the potential for enhanced protection and increased yields” Research and development is the cornerstone of all we do. All application-oriented basic research is conducted by our in-house R&D team & facility recognised by DSIR (Department of Scientific Industrial Research) Govt. of India at the Biofactor Research Center (BRC) at IDA Bollaram, Hyderabad.

Collaborations with global institutions and organisations strengthen the Biofac research core. Synergies from these collaborations inspire us to push the boundaries in all the departments and pave a way in developing customer-oriented solutions that are a step ahead of the competition. We meticulously stay in touch with the latest farming practices from which novel bio solutions are developed and produced



Our R & D is recognised and accepted by Indian government.



23 proprietary strains.



8 patents.



Internationally accepted organic products.



17 certified organic products.



Having membership.



Having membership



Having membership

AADHAAR Gold

Foundation Granules

Aadhar Gold is a microencapsulated granulated biofertilizer which provides balanced nutrient management. It richly accommodates with beneficial microbial inoculants which are impregnated in the granules. Aadhar Gold paves the way for modern & scientific agriculture. It provides not only primary nutrients but also secondary micronutrients. Aadhar Gold induces systematic acquired resistance for biotic and abiotic stress. It promotes the healthiest development of the plant. Aadhar Gold forms a network of fine filaments which associate with plant roots, draw nutrients and water from the soil.

Benefits:

- Early establishment of crop.
- Enhances the crop vigour.
- Disease preventive tolerance.
- Protects against drought stress.
- Improves absorption of nutrients.
- Contributes healthy crops and bumper yield.
- Ameliorates the disease plants

Dosage:

4-8Kgs per Acre



Packing: 4kg



A Liquid Bio Fertilizers Consortium

IINM Chakra is a microencapsulated liquid biofertilizer which provides balanced nutrient management. It is richly accommodated with beneficial microbial inoculants which are impregnated in the liquid. IINM Chakra paves the way for modern & scientific agriculture. It provides not only primary nutrients but also secondary micronutrients. IINM Chakra induce systematic acquired resistance for biotic and abiotic stress. It promotes the healthier development of the plant. IINM Chakra form a network of fine filaments that associate with plant roots and draw nutrients and water from

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- Disease preventive tolerance.
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- Ameliorates the disease plants

Dosage:

3-5 litres of IINM Chakra per 1 acre of land before or after sowing.



Packing: 5 Ltr

G-VAM

Polymicrobial Multi Functional Bio-Fertilizer

G-VAM is a beneficial microbial consortia based granulated biofertilizer which boosts the plant yields and also protects soil health. G-VAM helps root, stem & leaves to take up nutrients for healthy growth and development. GVAM aids the roots in absorbing nutrients & water from the soil. G-VAM helps in improving the fertility & health of soil by richly furnishing it with organic matter.

Benefits:

- Increase plant establishment and survival at seeding or transplanting.
- Produces more vigor and healthy plants.
- Enhance flowering and fruiting.
- Increase yields and crop quality.
- Reduces the usage of synthetic fertilizers.

Soil Advantages:

- Induces drought mitigation property.
- Increase tolerance to soil salinity.
- Reduce soil borne disease occurrence.
- Contributes in maintaining soil quality & nutrient cycling.
- Contributes to control soil erosion.
- Improves the texture, structure & water holding capacity of soil.

Dosage:

3-5 ltr. per Acre seedlings.

Broadcast 10 kgs of G-VAM granules per 1 acre of land before or after sowing.



Packing: 5litres & 10kg Gr

PROCEED

BIOTIC, ABIOTIC STRESS reliever

Achieving the maximum genetic potential means providing the essential nutrients mobilizers right from the start.

Benefits:

- Improves seedling vigour, rooting and the overall root architecture of the plant.
- Enhanced nutrient uptake by the plant.
- Improves overall plant health to help overcome biological stress.
- Increases root surface area and overall root length.

Dosage:

Add 2.5 - 3ml per liter of water for foliar spray



Packing: 500ml



A liquid bio fertilizers consortium

RELEAF is a poly microbial multi-functional yield booster to take care of soil health & organic carbon of soil, Acts as organic soil conditioner. RELEAF is a biologically derived formulation to take care of plants starting from root, stem and leaves to up take nutrients helps in healthier growth and development. RELEAF a booster of biological activities of the plant to with stand biotic and abiotic stresses. RELEAF form a network of fine filaments that associate with plant roots and draw nutrients and water from the soil.

Benefits:

- Increase plant establishment and survival at seeding or transplanting.
- Produces more vigor and healthy plants.
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- Reduces the usage of synthetic fertilizers.

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- Induces drought mitigation property.
- Increase tolerance to soil salinity.
- Reduce soil borne disease occurrence.
- Contributes in maintaining soil quality & nutrient cycling.
- Contributes to control soil erosion.
- Improves the texture, structure & water holding capacity of soil.

Dosage:

5 ltr. per Acre seedlings.



Packing: 5 Ltr

N:P:K

Bio-Fertilizers consortium

Nitrogen, Phosphorus & Potassium are the 3 main required primary nutrients of the plant for healthy development. Lack of these nutrients will hinder the development of the plant and there by effect the yield of the crop. Biofactor have produced innovative solution by blending with multiple strains as soil probiotics fixing, solubilizing & mobilizing of NPK. BIO NPK provides the primary nutrients required for the plant.

Benefits:

- Nitrogen by BIO-NPK increases the plant overall growth and also increases the crop yield.
- Phosphorus by BIO-NPK makes the stem & root system of the plant more resistant to biotic and abiotic stress.
- Potassium by BIO-NPK improves the resistance capacity of the plant and assists in surplus yield.
- Contributes to maintain soil quality and nutrient cycling.
- Improves the flowering and fruiting.
- Improves the drought mitigation property in plants.

Dosage:

50kg per Acre



Packing: 50kg

POTASH

Bio-Fertilizer

BIO POTASH containing Potassium mobilizing bacteria along with other pre biotics and enzymes. BIO POTASH is a cost-effective alternative to conventional potash fertilisers. This fertiliser is important in both the vegetative and productive phases of plant development. All sorts of crops can benefit from these nutrients.

Benefits:

- Enhances early root development, leading to increase in plant growth and subsequently greater yield.
- Increases the efficiency of applied potassium containing fertilizers as well as water use in plants
- Increases quality of the produce.
- Promotes root hair development and branching.
- Elicits rapid cell development in plants.
- It increases root growth and improves drought tolerance.
- Improve the shining, flavour, proper size of the crop
- Increase the resistance in plant against diseases and increases number of flowers and also helps in increasing plant growth like root length and number of roots and in timely maturity.

Dosage:

50kg per acre



Packing: 50kg

PROMOTE

An Organic-Fertilizer

Promote is phosphate rich organic manure in microencapsulated granule form which improves the physical, chemical and biological properties of the soil and increases crop production. Promote ensures availability of phosphate for the next crop unlike DAP, which has to be applied for every crop. Promote assist the plant in seed production, crop maturity, root development & provides micro nutrients along with primary nutrients. Promote enhances the growth of soil microorganisms. Promote plays an important role in the balanced nutrition of plants in farming.

Benefits:

- Contributes healthy crops and bumper yield.
- Improves absorption of nutrients.
- Enhances the crop vigour.
- Protects against drought stress.
- Reduces the usage of synthetic fertilizers.

Dosage:

50-100Kgs per acre in the first ploughing.



Packing: 50kg

SUMCA

Organic-Manure

Sumca is an organic manure in microencapsulated granule form which improves the physical, chemical and biological properties of the soil and increases crop production. Sumca ensures availability of phosphate for the next crop. Sumca assist the plant in seed production, crop maturity, root development & provides micro nutrients along with primary nutrients. Sumca enhances the growth of soil microorganisms.

Benefits:

- Sumca helps in maintaining soil pH.
- Sumca is a soil conditioner.
- Contributes healthy crops and bumper yield.
- Enhances the crop vigour.
- Reduces the usage of synthetic fertilizers.

Dosage:

50-100Kgs per acre in the first ploughing or after with the Fertilizers



Packing: 50kg

N-FACTOR

Nitrogen Fixing Consortium

N Factor is a liquid formulation of nitrogen fixing microbial consortium which forms symbiotic and asymbiotic association with plant roots and biologically fixes the atmospheric N₂. Biological microorganisms fixes the nitrogen present in the atmosphere and fulfils more than half of the nitrogen requirement of the plant. It makes the plant drought resistant and disease management. N-factor makes the plant resistant to biotic and abiotic factors like temperature, toxicity, pH in the soil. Microbes in N Factor provide atmospheric nitrogen directly to the plant and increases the yield.

Benefits:

- Biologically fixes the atmospheric nitrogen which fixes nitrogen upto 20-25 kg/ha
- Contributes to maintain soil quality and nutrient cycling.
- Contributes in controlling soil erosion.

Dosage:

1-2 litres N-Factor per acre through drip.



Packing: 1 Ltr

.FACTOR

Phosphorus Solubilising Mobilising Microbial Consortium

P- Factor is a Phosphorus solubilizing bacteria in the biofertilizer category. P-Factor contains microbial inoculants with phosphate-solubilizing activity which convert the insoluble phosphate to available phosphate to the plant. P-Factor accelerate the plant maturity and it also promotes the seed production.

Benefits:

- Plays a key role in the synthesis of amino acids and nucleic acids.
- Contributes to maintain soil quality and nutrient cycling.
- Contributes in controlling soil erosion.
- Increase the accessibility of micro nutrients like Fe, Zn, Mn & Cu.
- Induces drought mitigation process

Dosage:

1 -2 litres P-Factor per acre through drip.



Packing: 1 Ltr

FACTOR

BIOFERTILIZER

K- Factor is a potassium solubilising bacterium, which ensure normal plant metabolism, plant growth & formation of strong tissues. Potassium is known as a “quality nutrient” which not only increases the yield but also enhances the crop quality as well. P- Factor not only maintains the quality but also regulates the water capacity in the plant. It makes the plant resistant to both biotic and abiotic stress.

Benefits:

- Can solubilize the insoluble potassium upto 25 kg/ha
- Improves the flowering and fruiting.
- Contribute to maintain soil quality and nutrient cycling.
- Contribute to control soil erosion.
- Improves the function of stomata.
- Activates the enzymes.
- Improves the drought mitigation property in plants.

Dosage:

1 -2 litres K-Factor per acre through drip.



Packing: 1 Ltr

Zn•FACTOR

Zinc Solubilising Bacteria

Zn Factor is Zinc solubilizing bacteria which activates many metabolic processes of the plant. Zn- Factor improves the production of required plant hormones for the development of the flower and fruit. Zn-Factor also promotes the photosynthesis activity.

Benefits:

- Improves the flowering and fruiting.
- Reduces soil borne disease occurrence.
- Contributes to maintain soil quality and nutrient cycling.
- Contributes to control soil erosion.
- Activates the enzymes

Dosage:

1 -2 litres Zn-Factor per acre through drip.



Packing: 1 Ltr

High K^{2.0}

An Organic Potassium

High K is produced under Ultramodern Technology in which natural potassium formed through the Nano particles are present. Potassium is one of the important Primary nutrients. High K empowers the root system and encounters draught conditions and it enhances the photosynthesis process in the leaves. High K produces the enzymes which increases the plant metabolic activity. It enables stem's strength and profuse flowering. High K ensures that the fruit has profuse quality and quantity of carbohydrates and sugar. It helps in the plant's growth and fruit's shining.

Benefits:

- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Enhanced bioavailability of nutrients.
- More efficient uptake and utilisation by plants, which translates into improved yields.
- Nutrients are provided when plants need them most, enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome helping the land to regenerate and to improve soil and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- Easy handling

Dosage:

2 -3 litres per acre through drip
litre per acre spraying



Packing: 1 & 5 Ltr

BELOM-S1 | *Release the Genetic Potential*

Belom is a bio enriched organic liquid manure which is vital nutrient supplement for the plant. The vegetative stage is the 1st stage of the crop and BELOM S1 helps in absorbing easily the essential nutrients from the soil. It provides primary, secondary micronutrients which are required for plant for its growth. Bio availability of the nutrients in Belom S1 makes the plant to absorb the nutrients easily.

Benefits:

- More efficient uptake and utilisation by plants, for improved yields.
- Belom S1 provides nutrients when plants need them most, for enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome by helping the soil to regenerate nutrients itself and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Ameliorate solubility & dispersion.
- Enhanced bio availability of nutrients.
- Easy handling.

Dosage:

5 litres per Acre through drip for once in 5-8 days interval

2.5 litres per Acre for spraying



Packing: 5 Ltr

BELOM-S2 | *Release the Genetic Potential*

Belom is a bio enriched liquid organic manure which is vital nutrient supplement for the plant. The flowering stage is the 2nd stage of the crop and BELOM S2 helps in good growth and maturity of the flower in the reproductive phase to produce healthy fruits. It provides primary, secondary micronutrients which are required for plant in for its growth. Bio availability of the nutrients in Belom S2 makes the plant to absorb the nutrients easily.

Benefits:

- More efficient uptake and utilisation by plants, which translates into improved yields.
- Nutrients are provided when plants need them most, enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome helping the land to regenerate and to improve soil and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- Easy handling
- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Enhanced bio availability of nutrients.

Dosage:

5 litres per Acre through drip for once in 5-8 days interval

2.5 litres per Acre for spraying



Packing: 5 Ltr

BELOM-S3

Release the Genetic Potential

Belom is a bio enriched liquid organic manure which is vital nutrient supplement for the plant. The fruiting stage is the 3rd stage of the crop and BELOM S3 helps in imbining the required vital nutrients for the final development of the final fruit and benefits in ripening of the fruit. It provides primary, secondary micronutrients which are required for plant in for its growth. Bio availability of the nutrients in Belom S3 makes the plant to absorb the nutrients easily

Benefits:

- More efficient uptake and utilisation by plants, which translates into improved yields.
- Nutrients are provided when plants need them most, enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome helping the land to regenerate and to improve soil and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- Easy handling
- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Enhanced bioavailability of nutrients.

Dosage:

5 litres per Acre through drip for once in 5-8 days interval

2.5 litres per Acre for spraying



Packing: 5 Ltr



Magic of minerals

Plants take nutrients far more quickly through their leaves than through their roots. In order to correct nutritional deficit quickly, this is a benefit. Foliar fertigation administration can also compensate for inadequate nutrient absorption by the roots due to stress caused by insects, fungus, nematodes, low soil temperature, or any other reason. Belom FS assists in nutrient delivery during crucial growth phases greatly boosting yields and improves yield quality. The full benefits of foliar fertigation can only be guaranteed with specially formulated fertilisers Belom FS that stick well to the leaf surface and are quickly absorbed by the plant. Belom FS takes care of leaf sensitivity. Belom FS is safe for use and highly efficient

Benefits:

- High efficacy & performance easy handling.
- Controlled, sustainable release of nutrients.
- Ameliorate solubility & dispersion.

Dosage:

1 litre per Acre through foliar spray for once in 10 days.



Packing: 1 Ltr

COPSE

24% Copper Sulphate Concentration

COPSe containing micro encapsulated 24% copper sulphate concentration designed to help resolve nutrient deficiencies in crops. Stimulates protein formation Enhances Neutralization Activates several enzymes Critical in the role of photosynthesis, protein, carbohydrate metabolism and respiration. COPSe has a significant influence on colour development & regulates the photosynthetic electron transport. Copper assists in the binding of free oxygen radicals which makes them harmless. Copper is important for lignification of cell walls. Copper is important for rhizobia production associated with legumes.

Benefits:

- Contributes to optimal root system and robust growth with scientifically formulated crop condition nutrition.

Dosage:

1 ml per 1 litre water at the 1st stage.



Packing: 500 & 250 ml

FERRON

19% Ferrous Sulphate

Ferron containing micro encapsulated 19% ferrous sulphate concentration designed to help resolve nutrient deficiencies in crops. FERRON promotes the formation of chlorophyll. Acts as an oxygen carrier in respiration and photosynthesis. It an activator for biochemical processes. Iron is an important part of the nitrogenase enzyme which effects N fixation in crops

Benefits:

- Contributes to optimal root system and robust growth with scientifically formulated crop condition nutrition.

Dosage:

1 ml per 1 litre water at the 1st stage.



Packing: 500 & 250 ml

CAMBO

20% Di-Sodium Octa Borate

CAMBO containing micro encapsulated 20% Di-sodium Octa Borate Tetra Hydrate concentration designed to help resolve nutrient deficiencies in crops. Essential for elongation of pollen tubes, Promotes maturity, Improves seed set, Regulates metabolism of carbohydrates, Facilitates the synthesis of nucleic acids, Maintains cell wall integrity of roots to reduce beneficial root exudates, Essential for cell division and development, Aids in the use of nutrients and regulates other nutrients, Aids production of sugar and carbohydrates, and is essential for seed and fruit development, Boron enhances uptake of Ca, Mg, and K, and enables sugar translocation.

Benefits:

- Contributes to optimal root system and robust growth with scientifically formulated crop condition nutrition.

Dosage:

1.5 ml for 1 litres of water for foliar spray during 2nd stage



Packing: 500 & 250 ml

ZANCUM

12% Zinc E.D.T.A

As a component of enzymes, zinc catalyses the synthesis of fructose-6 phosphate, an important metabolite in glycolysis and therefore photosynthesis. Effects the indole-3-acidic acid content which is important for regulation of plant growth. Zinc plays an essential role in ATP and protein synthesis.

Benefits:

- Increases plant establishment and survival at seeding or Transplanting
- Produces more vigorous and healthy plants
- Enhances flowering and fruiting
- Increases yields and crop quality
- Optimises Fertilizers use, especially NPK

Dosage:

1.5 ml for 1 litre of water for foliar spray during 2nd stage.



Packing: 500 & 250 ml

MAGNi5

Magnesium sulphate 9.6%

Magni5 Stimulates protein formulation Enhances utilization activates of several enzymes. Critical in the role of photosynthesis, protein and carbohydrate metabolism and respiration. Magni5 has a significant influence on colour development & regulates the photosynthetic electron transport. Magnesium assists in the binding of free oxygen radicals which makes them harmless. Magnesium is important for lignification of cell walls. Magnesium is important for rhizobia production associated with legumes.

Benefits:

- Contributes to optimal root system and robust growth with scientifically formulated crop condition nutrition

Dosage:

1 ml per 1 litre water at the 3rd stage



Packing: 500 & 250 ml

TRUMiN

Manganese Sulhate 30.5%

Regulates the splitting of the water molecules during photosynthesis Accelerates germination and early season seed development Activates several enzymes Increases the availability of P and Ca Aids in chlorophyll synthesis Heightens the concentration of valuable ingredients such as citric acid and vitamin C

Benefits:

- Contributes to optimal root system and robust growth with scientifically formulated crop condition nutrition

Dosage:

1-2 ml per 1 litre water at the 1st stage



Packing: 500ml & 1 ltr

Nutriton *MAKES DIFFERENCE*

Nutriton stands for the crop's healthy growth and development. Micro encapsulated micronutrients mixture present in Nutriton gives instant strength to the plants whose growth is stunted by the virus and stimulates plants re-growth.

Benefits:

- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Enhanced bioavailability of nutrients.
- More efficient uptake and utilisation by plants, which translates into improved yields.
- Nutrients are provided when plants need them most, enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome helping the land to regenerate and to improve soil and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- Easy handling.

Dosage:

Mix 2 ml Nutriton in 1 litre of water and spray 2 to 3 times within 2 weeks.



Packing: 300ml

Virnix *100% works against all kinds of plant viruses*

Virnix is the latest Nano weapon raised against the virus. Virnix makes virus powerless and inactive in the infected plants and after that revive the crop by stopping the further spread of virus and provides relief from the losses.

Benefits:

- High efficacy & performance.
- Controlled, sustainable release of nutrients.
- Enhanced bioavailability of nutrients.
- More efficient uptake and utilisation by plants, which translates into improved yields.
- Nutrients are provided when plants need them most, enhancing performance.
- Reduced nutrient loss due to leaching or volatilisation, helping to protect our lakes and rivers.
- Improves beneficial soil micro biome helping the land to regenerate and to improve soil and root zone health.
- Delivery of important nutrients in a uniform way for even feeding.
- Easy handling.

Dosage:

Mix 2 ml Virnix in 1 litre of water and spray 2 to 3 times within 2 weeks.



Packing: 300ml



Natural Oils & Emulsifiers

Liger improves plants resistance power against to sucking pest & Pest like Thrips, Mites Scales, jassids Flies & caterpillar etc..

Crops:

Paddy, Cotton Chilli, Tomato, Bengal Gram and Other Fruits & Vegetables.

Dosage:

5 ml to 10ml per Ltr. of water



Packing: 1 Litre



Natural Oils & Emulsifiers

Tigon improves plants resistance power against to all kinds diseases like Downy mildew, Powdery mildew & Anthracnose etc..

Benefits:

- It improves plant's resistance against to the pests like stem & fruit borer

Dosage:

5 ml to 10ml per Ltr. of water



Packing: 1 Litre

Agriseal | Stress Buster

Agri Seal is a bioactive consortium that contains nano components to support active growth and development. It contains nutrients as well as active growth boosters. Improves root health by increasing germination and strengthening cell walls. It is particularly beneficial under conditions of water stress, temperature fluctuations & high biotic stress. Agri Seal is environmentally safe, with no residue on plants and soil. It is biodegradable and residue-free.

Benefits:

- Protects against drought stress.
- Improves absorption of nutrients.
- Contributes healthy crops and bumper yield.
- Ameliorates the disease plants.
- High efficacy & performance.

Dosage:

2.5 ml per Ltr. of water



Packing: 1 Ltr



A Nano Technology Product

Bsl4 Agri is a nanotechnology product, encapsulated with biopolymers, a perfect disinfectant which acts against bacteria, fungi & virus. Bsl4 Agri is vibrant warrior against the bacterial diseases in plants. It not only protects the plant from the diseases but will also make the plant bear fruits till the gestation period. No layer of residue will be identified in the yield.

Benefits:

- Stable, safe, sustainable and cost effective,
- Universal range of application,
- Free from chlorine, Free from carcinogenic or mutagenic effect,
- Free from danger of bacterial resistance,
- Long- lasting effect due to encapsulation, Non-corrosive, Non inflammable, Non-irritant,
- Non-toxic, Non mutagenic, Non-hazardous,
- No re-entry barrier,
- Parameters like hardness, salinity, pH does not impair the efficiency of Bsl4 Agri

Dosage:

Mix 2-4ml (for spray) 3-4 ml (for drench) 5ml (for tuber/rhizome/plant material treatment) of Bsl4 in 1 L of water and apply on the target area.



Packing: 500ml, 1 Litre & 5 Litres

PULLER

Phosphorus Solubilising Mobilising Microbial Consortium

Puller : Stimulates early season growth. Grows deeper and stronger roots. Hastens plant maturity and promotes seed production. Puller functions as one of the main promoters of photosynthesis, nutrient transport, and energy transfer via energy-rich linkages (ATP). Puller is involved in the formation of all oils, sugars and starches, and encourages early plant growth for longer growing seasons. Puller is utilized by plants to form nucleic acids, which regulates protein synthesis.

Benefits:

- Phosphorus is present in every living cell, both plant and animal.
- Helps with the transformation of solar energy into chemical energy, proper plant maturation, and stress mitigation.
- Form used by plants: H_2PO_4 (when soil pH < 7) and HPO_4-2 (when soil pH > 7).
- Phosphorus availability is critical during the early growth stages to ensure a quick and healthy start.
- Resistance against Pest and Insects

Dosage:

1 Ltr per acer through foliar spray.



Packing: 1 Ltr

Sparrow

Phosphorus Solubilising Mobilising Microbial Consortium

Sparrow is a Phosphorus solubilising bacterium, which ensure normal plant metabolism, plant growth & formation of strong tissues. Phosphorus is known as a “quality nutrient” which not only increases the yield but also enhances the crop quality as well. Sparrow not only maintains the quality but also regulates the water capacity in the plant. It makes the plant resistant to both biotic and abiotic stress.

Benefits:

- Can solubilize the insoluble Phosphorus
- Improves the flowering and fruiting.
- Contribute to maintain soil quality and nutrient cycling.
- Contribute to control soil erosion.
- Improves the function of stomata.
- Activates the enzymes.
- Improves the drought mitigation property in plants.
- Resistance against Pest and Insects

Dosage:

100g per acer through foliar spray.



Packing: 250g & 500g

CANMAG

Liquid Fertilizer

Calcium & Magnesium has the power to impact many important processes including stomatal activity, photo assimilate movement, disease resistance and insect infestation

Benefits:

- Calcium is essential for cell wall structure and plant strength.
- Calcium is utilized for continuous cell division and formation.
- Magnesium is the central atom of the chlorophyll molecule and is essential for photosynthesis and cell respiration.
- Magnesium is a mobile nutrient, and it is easily translocated from older tissue to the growing parts of the plants.

Dosage:

Drip irrigation - 2.5 to 4 Liter per Acre, in every 14 days interval

Foliar Fertigation: 1.5-2 Liter per Acre, in every 10 days interval



Packing: 15Ltr

FLOWMIN

11-11-08

The ultimate goal of Water soluble fertilizer is to supply your plant with the right amount of nutrients, at the same time not toxifying the soil via over-fertilization.

Benefits:

- Maintains NPK nutrient balance
- Instant uptake of nutrients by plants
- Prompts root & shoot development
- Enriched with micronutrients

Dosage:

Drip irrigation - 2.5 to 4 Liter per Acre, in every 4 days interval

Foliar Fertigation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15Ltr

FLOWMIN

08-08-08

Efficient fertilizers and fertilization methods have become the main answer to the ever-growing demand for agricultural products. With a regular fertilization system your plants can reach amazing results and in some instances can almost double the growth of a slow, sickly growing plant through water soluble liquid fertilizer.

Benefits:

- Fosters plant rooting and blossoming
- Promotes crop growth by stimulating new root development
- Useful at early flowering, early fruit formation and fruit development stages, where the requirement of crops for P is more and less for N and K
- Enriched with micronutrients

Dosage:

Drip irrigation - 2.5 to 4 Liter per Acre, in every 4 days interval
Foliar Fertigation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15Ltr

FLOWMIN

06-00-18

Modern agriculture must supply crops with optimal rates of nutrients throughout the growth cycle in the most efficient manner possible, and without degrading soil and water resource

Benefits:

- N in nitrate form – readily available, Plus a rich source of potash
- Helps in formation of sugar during fruit setting
- Reduces dropping of immature fruits
- Improves shape, size and quality of fruits/seeds

Dosage:

Drip irrigation - 2.5 to 4 Liter per Acre, in every 4 days interval
Foliar Fertigation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15 Ltr

POSHAK | Level-1

Fermented liquid fertilizers are made of anaerobically fermented plant & animal resources and principally used for efficient plant nutrition, as they provide a quick nutrient supply, especially of essential elements. POSHAK developed specially by digesting the organic matters using beneficial microbes.

Fermented liquid fertilizers are characterized by balanced nutrient content and satisfactory plant assimilation of these nutrients. They increase the environmental sustainability in agricultural production.

Benefits:

- Helps your plants produce more
- Helps make your plants stronger (stems, leaves, roots)
- Improves soil's physical and biological properties
- Prevent diseases in plants to avoid ruining your crops
- Prevents bacterial attacks
- Prevents insect invaders

Dosage:

Drip irrigation - 2.5 to 4 Liter per Acre, in every 4 days interval
Foliar Fertiligation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15Ltr

POSHAK | Level-2

Fermented liquid fertilizers are made of anaerobically fermented plant & animal resources and principally used for efficient plant nutrition, as they provide a quick nutrient supply, especially of essential elements. POSHAK developed specially by digesting the organic matters using beneficial microbes.

It is derived from certified organic plants through unique microbial metabolic process. An advance technology formulation helps promote plant growth and improves photosynthetic activity.

Benefits:

- Protects from damage due to environmental stress.
- Improves carbon content of soil
- Augments nutrient mobilization rate in soil,
- Helps make your plants stronger (stems, leaves, roots)

Dosage:

Drip irrigation - 3 to 5 Liter per Acre, in every 4 days interval
Foliar Fertiligation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15 Ltr

POSHAK | Level-3

Fermented liquid fertilizers are made of anaerobically fermented plant & animal resources and principally used for efficient plant nutrition, as they provide a quick nutrient supply, especially of essential elements. POSHAK developed specially by digesting the organic matters using beneficial microbes.

It is a biologically derived liquid for plant health and crop productivity. It fosters growth and vigor throughout crop life cycle, from germination to plant maturity and enhance quality attributes like shine, color, fruit setting, fruit quality and produce life etc.

Benefits:

- Improves water holding capacity
- Improves crop productivity
- Optimises usage of chemical fertilisers strictly on supplementary nutritional need basis.
- Helps make your plants stronger (stems, leaves, roots)

Dosage:

Drip irrigation - 3 to 5 Liter per Acre, in every 4 days interval
Foliar Fertiligation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15 Ltr

POSHAK | Level-4

To boost yield at the flowering stage of the crop, we need to maximize pollination. The most important nutrients for pollination are Boron, Zinc & Potassium. These nutrients are immobile in the plant, meaning they cannot be reallocated from older tissue to where they are required in the reproductive tissue. To ensure proper pollination and seed set to maximize yield, it is critical the crop is supplied with sufficient quantities of these nutrients at reproductive timing.

Benefits:

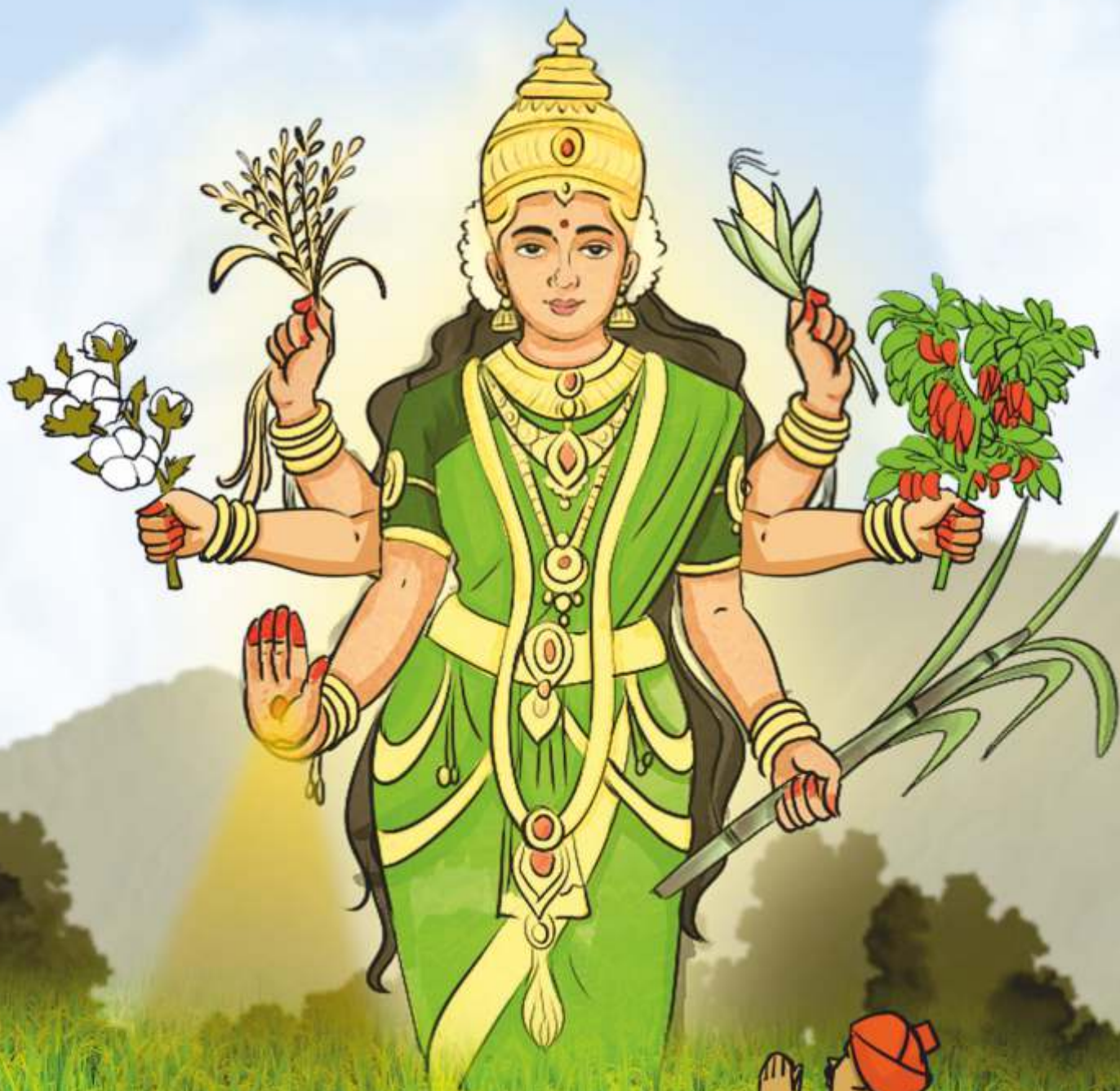
- Helps your plants produce more
- Helps make your plants stronger (stems, leaves, roots)
- Improves soil's physical and biological properties
- Prevent diseases in plants to avoid ruining your crops
- Prevents bacterial attacks

Dosage:

Drip irrigation - 5 Liter per Acre, in every 4 days interval
Foliar Fertiligation: 1.5-2 Liter per Acre, in every 6 days interval



Packing: 15 Ltr



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Biofac Inputs Private Limited

AGRI | AQUA | POULTRY | PET | RUMINANTS

Regd: 74C, Anrich Industrial Estate, IDA Bollaram - 502325.
Corp: 4th & 5th Floor, ARCA Satya Apartments, Phase:3,
Bachupally, Hyderabad - 500 090, Telangana.
(+91) 92980 11119 | info@biofactor.in

