



Shrey Agritech

Finest Products, Finest Agriculture....



ABOUT US



Shrey Agritech is a make in India Company established in 2006. This is the largest business company in the production and selling of Secondary, Micronutrients and plant growth promoters. The company has network throughout the Karnataka state, India and abroad.

Shrey Business in India

Shrey is working very aggressively in Indian market for the purpose of farmers/planters benefits. We have excellent quality products especially focussing soil conditions, crop specific customized products and superior chelated and non-chelated micronutrients for Indian soils. It's purely farmer centric company which focuses on working along with farmers by educating them about soil health, plant health, water quality, soil sample analysis and Agronomic package of practices and finally shrey products helping them to achieve optimal crop yield.



ANALYTICAL LABORATORY

Water

Drinking Water, Waste Water,
Irrigation Water,
Construction Water,

Soil

Physical & Chemical

Plant & Fertilizers

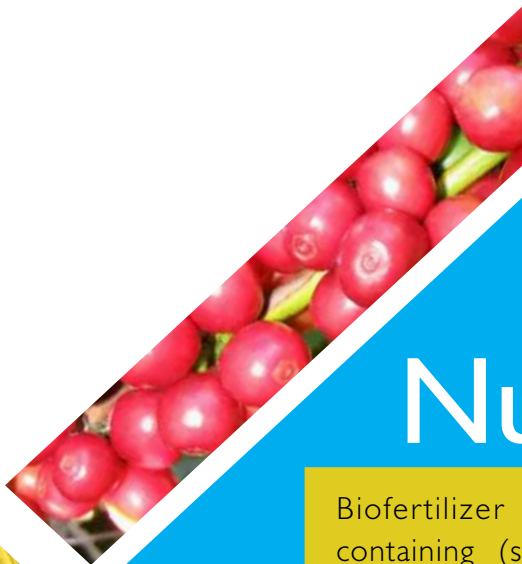
Macro and micro nutrient



MICROBIOLOGY LABORATORY

- Soil Colony count: Bacteria , Fungi, Actinomycetes
- Biofertilizers : Quality Analysis
- Swabbing Techniques to keep place contamination free
- Molecular Analysis Of organism & sequencing

Note: Dry and wet lab Facilities are available & all types of Physical , chemical & Biological Sample will be analysed.



Nutritif

Biofertilizer means the product containing (solid or liquid) living microorganisms which are agriculturally useful in terms of nutrient mobilization, to increase the productivity of the soil and/or crop.

Biofertilizers are one of the important components of integrated nutrient management, as they are a cost-effective and renewable source of plant nutrients to supplement and/or replace the chemical fertilizers for sustainable agriculture. Bio-fertilizers strengthen the soil profile, leave water sources untainted and improve plant growth without detrimental side effects. These beneficial microorganisms working to maintain the ecological balance by active participation in carbon, nitrogen, sulphur and phosphorous cycles in nature.

Soil micro flora and micro fauna which are largely responsible for maintaining soil fertility and providing some essential and indispensable nutrients to plants. It has now become an imperative to restore the soil with a beneficial microbe population by using Bio-fertilizers

AZOSPA



Packing: 5lit, 1lit, 500ml, 1kg

Azospirillum is a Gram-negative, rod shaped, microaerophilic, non-fermentive heterotrophic beneficial associative bacteria capable of colonizing the root surface of the plants fixes atmospheric nitrogen. The genus from the family of Rhodospirillaceae. Azospirillum lipoferum, was first isolated by Beijerinck in 1925. It was originally named Spirillum lipoferum. It was rediscovered in 1975 by Bulow and Dobereiner along with other bacteriums for their close association with the roots of cereals and other grasses. It synthesizes vitamins, IAA, Gibberellins and nicotinic acid promote root proliferation which result in increased uptake of mineral and water. Improve soil health & fertility. Conserves water in the field. It fixes the atmospheric nitrogen 22-40 kgs per hectare. Reduces synthetic nitrogenous fertilizer requirement.

Crops: Cereals, Cotton, Oilseeds, Vegetables, Fruit crops. Plantation crops etc.

Dosage: Seed Treatment Mix 1/2kg jaggary solution in 1 lit of Azospa and mix the seeds required for an acre

Note: Do not store treated / coated seeds more than 24 hrs

Soil Treatment: Apply 3-5 lit. of Azospa in 50kg well decomposed Fym/compost/vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop.

Seedlings Treatment: Mix 1000 ml Azospa with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation: Mix Azospa 3lit/acre in 100 lit of water and irrigate the field through drip
Cfu/ml 1×10^{10}

NITRY



Packing: 5lit, 1lit, 500ml, 1kg

Rhizobium is a genus of Gram-negative, rod shaped, motile, non sporulating, mesophilic aerobic soil bacteria fixes the nitrogen through symbiotically with the roots of legume plants and makes it available to plants. Martinus Beijerinck was the first to isolate and cultivate from the nodules of legumes in 1888. The first species of rhizobia, Rhizobium leguminosarum, was identified in 1889. It fixes the atmospheric nitrogen 22-40 kgs per hectare. Nitrogen cannot be absorbed by the plants owing to the strong triple bonds between the nitrogen atoms making it inert and therefore non assimilable by plants. The symbiotic relationship implies a signal exchange between the rhizobia and the legume that leads to development of symbiotic structures. The roots of host legume plant secretes flavonoids which are recognized by the Rhizobia. In response, the rhizobia secretes nod factors recognized by the plant causing root hair deformation and cellular processes such as ion fluxes. The plant supplies the bacteria with carbohydrates, proteins, and sufficient oxygen so as not to interfere with the fixation process. Leghaemoglobins are secreted which are plant proteins similar to human hemoglobins that help to provide oxygen for respiration while keeping the free oxygen concentration low enough not to inhibit nitrogenase activity. Reduces the dosage requirement of synthetic nitrogenous fertilizers. Improves soil fertility for next crop. It encourages early and better seed germination Increases grain yield

Crops: is suitable for application on leguminous crops such as Ground nut. Black gram, Green gram. Red gram, Cow pea, Bengal gram. Soy bean, French bean, Cluster bean, Lab-Lab, Sesbania and many more of the legume species.

Dosage: Seed Treatment : Mix 1 /2kg jaggary solution in 250ml /500g of NITRY and mix the seeds required for an acre

Seedling treatment: Mix 100 g. Nitry with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Soil Treatment: Apply 3-5 lit of NITRY in 50kg well decomposed FYM/compost/vermin compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop

Drip Irrigation: 3lit per ac per round

Note: Do not store treated / coated seeds more than 24 hrs
Cfu/ml 1×10^{10}

NITRAZO



Packing: 5lit, 1lit, 500ml, 1kg

Azotobacter are coloured inclusion bodies (gram negative rods), free living, polymorphic, non symbiotic, aerobic diazotrophs, nitrogen fixing bacteria. The Azotobacter chroococcum was discovered in 1901 by Dutch microbiologist and botanist Martinus Beijerinck. Azotobacter vinelandii, was discovered and described in 1903 by the Russian scientist Jacob Lipman at Rutgers University. Nitrogen cannot be absorbed by the plants owing to the strong triple bonds between the nitrogen atoms making it inert and therefore non assimilable by plants. Nitrogen fixation needs a large amount of energy in the form of ATP and an anaerobic environment (no oxygen environment). Thus Azotobacter develops a special defence mechanism against oxygen by intensifying its metabolism that reduces the oxygen concentration in its cells. Homocitrate ions play some role in the processes of Biological Nitrogen Fixation (BNF). Nitrogenase is an important enzyme used to convert atmospheric nitrogen into ammonium / nitrate ions which get fixed in soil and can be absorbed by the plants. The basic type is molybdenum-iron nitrogenase. Azotobacter synthesizes some biologically active substances including some phytohormones and vitamins thereby stimulating plant growth. It fixes the atmospheric nitrogen 22-40 kgs per hectare. Reduce dosage requirement of synthetic nitrogenous fertilizers. They also facilitate the mobility of heavy metals in the soil and thus enhance bioremediation of soil from heavy metals, such as cadmium, mercury and lead.

Crops: Cereals, Cotton, Oilseeds, Vegetables, Fruit crops. Plantation crops etc.

Dosage: Seed Treatment : Mix 1/2kg jaggary solution in 1 lit of Nitrazo and mix the seeds required for an acre

Note: Do not store treated / coated seeds more than 24 hrs

Seedling treatment: Mix 100 ml. of Nitrazo with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Soil Treatment : Apply 3-5 lit. of Nitrazo in 50kg well decomposed Fym/compost/vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop.

Drip Irrigation: Mix Nitrazo 1 lit/acre in 100 lit of water and irrigate the field through drip

Crops : suitable for application on Cereals , Millets , Pulses, Oilseeds, Fibre Crops , Sugar Crops , Forage Crops , Plantation crops, Vegetables, Fruits, Spices , Flowers , Medicinal crops , Aromatic Crops , Orchards and Ornamentals.
Cfu/ml 1×10^{10}

ACETONITER



Packing: 5lit, 1lit, 500ml, 1kg

Acetobacter are gram-negative, aerobic, obligatory symbiotic bacteria mainly associated with sugarcane, sweet potato and sweet sorghum, coffee plants. It is found in symbiotic relationship with plants (such as sugar cane and coffee) as an endophyte and gets associated with plants by colonizing their internal tissues. Acetobacter diazotrophicus is capable of surviving in high sugar concentrations. It is specifically used for sugar cane crops. It is capable of fixing nitrogen in roots, stems & leaves of sugarcane. Acetobacter diazotrophicus was discovered by Cavalcante and Dobreiner in 1988 in Brazil. It is also known as Gluconacetobacter diazotrophicus. This bacterium is also known as black urea as it compensates for nitrogen requirement like Urea. It produces Phyto hormones & enzymes stimulating plant growth. Improve soil health & fertility. It promotes root proliferation and increase the number of rootlets. Increase sucrose content and increase sugar recovery. Increases uptake of mineral, phosphate & zinc solubilisation and water. It promotes cane growth and sugar recovery in the cane. Elicit a plant defence response against Xanthomonas albilineans it shows antifungal activity against Fusarium and Helminthosporium.

Crops: Sugar cane, Sugar Beet and Sweet Potato, Cereals, coffee

Dosage: Set treatment Mix Acetoniter 5.0 lit. in 100 lit. of water and soak the setts for 30 minutes before planting in the field.

Note: Do not store treated setts for more than an hour.

SEEDLING DIPPING: Mix 50-100 ml. or gm. of Acetoniter in 10-20 Ltr. Of water and dip the seedling root for 30 minutes before transplanting.

Soil application : Mix 500ml -1 lit. Acetoniter in 50 kg well rotten FYM/compost/ vermi compost/field soil. Apply this mixture at the time of planting and also use 55-60 days old sugarcane crop in furrows during earthing up operation.

Drip Irrigation: Where drip irrigation is being used mix 500-1000 ml Acetoniter in 200 lit. of water and apply through drip in 1 acre.

Foliar spray : Mix Acetoniter 5-10 ml per lit. of water for foliar spray in standing crop at evening or early morning time to get better results. Cfu/ml 1×10^{10}

RANJAK



Packing: 5lit, 1lit, 500ml, 1kg

Ranjak is a bio-fertilizer (liquid/carrier) containing phosphate solubilising bacteria. Bacillus megaterium was discovered and described by A. deBary in 1884. Bacillus polymyxa was described by (Prazmowski) Mace in 1889 as an agriculturally important organism. Solubilization of insoluble P³ by microorganisms was reported by Pikovskaya (1948). Microorganism contained in the product on reaching the soil gets activated and produces fresh and active cells. These cells grow and multiply by utilizing the carbon source in the soil or root exudates. By secreting organic acids solubilising the fixed phosphorus from root zone. Increases micronutrients availability to plant from the soil. Encourage faster root growth for water and nutrient uptake. It produces Phytohormones & enzymes stimulating plant growth. Maturity and increase yield. Improve soil health & fertility. Resistance towards diseases and drought tolerance. Elicit a plant defense response against disease. Conserve water in the field. Reduce 25 to 30% Phosphatic fertilizer requirement and benefits the next crop. Pseudomonas putida is gram negative rod shaped saprophytic soil bacteria also called as multiplasmid hydrocarbon degrading pseudomonas. It is used as a bio control agent. Trevisan in 1889 discovered.

Crops : Suitable for application on Cereals , Millets , Pulses , Oilseeds, Fibre Crops, Sugar Crops, Forage Crops, Plantation crops, Vegetables, Fruits, Spices , Flowers, Medicinal crops, Aromatic Crops, Orchards and Ornamentals

Dosage: Seed Treatment: Mix 1/2kg jiggery in 1 lit of Ranjak in sufficient water to make a slurry and coat seeds required for ac. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment: Apply 1 lit of Ranjak in 50kg well rotten FYM/compost/ vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop

Seedlings Treatment: Mix 1 lit with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation : Where drip irrigation is being used mix 500-1000 ml Ranjak in 200 lit. of water and apply through drip in 1 acre.

Foliar spray: Mix Ranjak 5 -10 ml per lit. of water for foliar spray In standing crop at evening or early morning time to get best result. Cfu/ml 1×10^{10}

FUNGIFOS



Packing: 5lit, 1lit, 500ml, 1kg

Aspergillus awamori is a unique biological selected strain of naturally-occurring fungus classified from Ascomycota family. These are the filamentous fungi they are largely exist as saprophytes. It consist of smooth and colourless conidiophore and spores. Globose Conidial head and forms dark brown in colour. Asexual reproduction take place. In 1901, Tamaki Inui, is the first isolating and culturing. In 1910, Genichiro Kawachi succeeded for the first time in cultivating var. kawachi, a variety of subtaxa of A. awamori. This improved the efficiency of shōchū production.

Nearly, 70 to 90% of phosphorus fertilizers applied to soils is fixed by cations and converted into unavailable inorganic P. P gets immobilized by cations such as Ca²⁺ in calcareous or normal soils to form a complex calcium phosphate (Ca₂(PO₄)₂) and with Al³⁺ and Fe³⁺ in acidic soils to form aluminum phosphate and ferrous phosphate. These are insoluble forms and consequently unavailable.

Fungifos is a biofertilizer (liquid/carrier) containing phosphate solubilising fungi releases immobilized phosphates from root zone. Increases micronutrients availability to plant from the soil. Encourage faster root growth for water and nutrient uptake. It produces Phyto hormones & enzymes stimulating plant growth and increase yield. Improve soil health & fertility. It promotes root proliferation and increase the number of rootlets. Besides, fungifos acts as a biocontrol against plant pathogens via production of antibiotics, hydrogen cyanate (HCN), and antifungal metabolites. Resistance towards drought tolerance. Elicit a plant defense response. Reduce 25 to 30% Phosphatic fertilizer requirement and benefits the next crop

Crops: Suitable for all crops

Dosage: Seed treatment: Mix 1/2kg jiggery in 1 lit of Fungifos in sufficient water to make a slurry and coat seeds required for ac. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment: Apply 1 lit of Fungifos in 50kg well rotten FYM/compost/ vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop

Seedlings treatment: Mix 1 lit with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots. Drenching Where Drenching is being used mix 500 1000 ml Fungifos in 200 lit. of water and apply Foliar spray Mix Fungifos 5 10 ml per lit. of water for foliar spray in standing crop at evening or early morning time to get better.

Cfu/ml 1×10^9

KASKO



Packing: 5lit, 1lit, 500ml, 1kg

It is a biological fertilizer based on a selected strain of naturally-occurring beneficial proteo bacteria *Frateuria aurantia*. It gram negative, rod shaped, aerobic, motile bacteria is used as an effective soil inoculant. *Frateuria aurantia* is named after the Belgian microbiologist Joseph Frateur. *Frateuria aurantia* was isolated from the plant *Lilium auratum* and from the fruit of the raspberry *Rubus parvifolius*. The earliest description of this bacterium has been done by Kondo and Ameyama in 1958. *Frateuria aurantia* produces organic acids and enzymes that help solubilize the fixed potassium into exchangeable form and make it assimilable by plants. Improve resistance of crop plants against disease and stress condition. Improve crop growth & yield by 20-30%. Enhance soil health & soil fertility. Reduce cost of potash application by 50-60%. Improve sucrose content and appearance. Improve coloration and shelf life of fruit.

Crops : KASKO is suitable for application on Cereals, Millets, Pulses, Oilseeds, Fibre Crops, Sugar Crops, Forage Crops, Plantation crops, Vegetables, Fruits, Spices, Flowers, Medicinal crops. Aromatic Crops, Orchards and Ornamentals

Dosage: Seed Treatment: Mix 1 /2kg jiggery in 1 lit of Kasko in sufficient water to make a slurry and coat the seeds required for an acre. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment: Apply 1 lit of Kasko in 50kg well rotten FYM/compost/ vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop

Seedlings Treatment : Mix 1 lit with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation : Where drip irrigation is being used mix 500-1000 ml Kasko in 200 lit. of water and apply through drip in 1 acre.

Horticulture/Vegetable crops : Mix 1 lit Kasko in 100 lit of water and drench the soil near the root zone upto 15-20cm depth
Cfu/ml 1×10^{10}

ZINCA



Packing: 5lit, 1lit, 500ml, 1kg

It is a biological fertilizer based on a selected strain of naturally-occurring beneficial autotrophic, acidophilic bacteria *Thiobacillus thiooxidans*. It is a gram negative, rod shaped, non sporing bacteria. *Thiobacillus thiooxidans* was discovered in 1922 by Jacob Jaffe and Selman Waksman. The bacteria require inorganic molecules as an electron donor and inorganic carbon (Such as carbon dioxide) as a source. They obtain nutrients by oxidizing iron and sulfur with O_2 . *Thiobacillus thiooxidans* grows at pH values of 4.5 to 1.3 in salt medium and derives its biosynthetic requirements by autotrophy i.e it used carbon from atmospheric carbon dioxide. It also fixes Nitrogen in acidophilic habitats. The bacteria derive its metabolic energy by oxidation of reduced inorganic sulfur compounds or ferrous ions. Anaerobic growth happens by using elemental hydrogen or reduced inorganic sulfur compounds as electron donors and ferric ions as electron acceptors. *Thiobacillus thiooxidans* oxidizes zinc and secretes organic acids which helps mobilize the fixed zinc and makes it available to the plants. This also brings down the pH of the soil and helps in reclaiming alkaline soils. Control khera disease in paddy. Increase crop yield and the quality of the produce. Improve root and plant growth. Improve photosynthetic activity. It produces Phyto hormones & enzymes stimulating plant growth. It produces antifungal substance resulted in lowering the disease incidence. Improve soil health & fertility. Reduce 40 to 50% Zinc fertilizer requirement and benefits the next crop

Crops: Zinca is suitable for application on Cereals, Millets, Pulses, Oilseeds, Fibre Crops, Sugar Crops, Forage Crops, Plantation crops, Vegetables, Fruits, Spices, Flowers, Medicinal crops. Aromatic Crops, Orchards and Ornamentals

Dosage : Seed Treatment Mix 1 /2kg jiggery in 1 lit of Zinca in sufficient water to make a slurry and coat the seeds required for an acre. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment : Apply 1 lit. of Zinca in 50kg well decomposed Fym/compost/vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop.

Seedlings Treatment : Mix 1 lit with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation: Mix Zinca 1 lit/acre in 100 lit of water and irrigate the field through Drip.
Cfu/ml 1×10^{10}

SAKALYA



Packing: 5lit, 1lit, 500ml, 1kg

It is a mixture of beneficial microorganisms. 100% residue free and bio degradable product ideal for organic farming. Fixes atmospheric nitrogen. Mobilizes and solubilizes phosphorous and potash which otherwise remain unused. Growth promoting substance production (IAA), disease resistance and drought tolerance. Increase utilization of atmospheric nitrogen. Increases the availability of micronutrients. Safe, non-toxic to humans, plants, animals and environment. Increase yield and quality of the produce. Improve physical and chemical properties of soil with aeration and water retention. Reduces disease infestation. Cost saving and reduces dosage per acre of nitrogenous, phosphorus and potash fertilizer. Improve coloration, appearance and shelf life of perishable fruits & vegetables

Crops : SAKALYA is suitable for application on Cereals, Millets, Pulses, Oilseeds, Fibre Crops, Sugar Crops, Forage Crops, Plantation crops, Vegetables, Fruits, Spices, Flowers, Medicinal crops. Aromatic Crops, Orchards and Ornamentals

Dosage : Seed Treatment : Mix 1 /2kg jiggery in 1 lit of Sakalya in sufficient water to make a slurry and coat the seeds required for an acre. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment : Apply 1 lit. of SAKALYA in 50kg well decomposed Fym compost/vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop.

Seedlings Treatment: Mix 1 lit of Sakalya with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation: Mix SAKALYA 3lit/acre in drip system

Sett Treatment: Mix 1 -2 Ltr. of SAKALYA in 100 Ltr. of water and dip the Sugar cane sett for 30 minutes before planting in the field
Cfu/ml 1×10^{10}

KASKOFOS



Packing: 5lit, 1lit, 500ml, 1kg

KASKOFOS 100% residue free and biodegradable product ideal for organic farming Safe, non-toxic to humans, plants, animals and environment Kaskofos Enhance Phosphorus & potash uptake in plants leading to higher productivity. Improve resistance of crop plants disease and stress condition. Secretion of growth hormones to increase crop productivity Suitable to apply for all crop Enhances Soil health and soil fertility. Reduces cost of potash & phosphorus application 50-60% Improves sucrose content in crop and appearance Improves coloration and shelf life of produce.

Crops : KASKOFOS is suitable for all crops

Dosage : Seed Treatment : Mix 1 /2kg jiggery in 1 lit of Kaskofos in sufficient water to make a slurry and coat the seeds required for an acre. Dry the seeds in shade and sow / broadcast / dibble in the field.

Note: Do not store treated / coated seeds more than 24 hrs.

Soil Treatment : Apply 1 lit. of Kaskofos in 50kg well decomposed Fym compost/vermi compost/field soil thoroughly and broadcast in the field before sowing/planting or in the standing crop.

Seedlings Treatment: Mix 1 lit of Kaskofos with sufficient quantity of water and organic manure to form a slurry. The seedlings are dipped in this slurry for 30 minutes prior to planting so that the bacteria get attached to the roots.

Drip Irrigation: Mix Kaskofos 3lit/acre in 100 lit of water and apply through drip system

Sett Treatment: Mix 1 -2 ltr. of Kaskofos in 100 Ltr. of water and dip the Sugar cane setts required for 1 acre for 30 minutes before planting in the field.

Horticulture Crops : Mix 1 lit of Kaskofos in 100 lit of water & drench the soil near root zone upto 15 to 20 cm depth.
Cfu/ml 1×10^{10}

VASMYCO



Packing: 5lit, 1lit, 500ml, 1kg

VASMYCO is a biological fertilizer based on spores and fragments of mycorrhizal fungal filaments and infected root bits. Fungi associations and their symbiosis with plants was studied and described by Franciszek Kamiefiski in 1879-1882. A thorough research was carried out by Albert Bernhard Frank, who introduced the term mycorrhiza in 1885. Mycorrhizae are obligate and saprophytic in nature which requires a living host for its survival. The mycorrhizae start associating symbiotically with root of the plants. This helps in the absorption of water, phosphorus solubilization and other essential macro and micro elements and makes them available to the plants in an assimilable form. Mycorrhiza is also believed to impart drought tolerance to plants and resistance to soil borne fungal pathogens through its symbiotic associative property. Increases white root development. Increase nutrient uptake of plant from soil. Increases the water uptake. Improve soil structure. Increases the soil fertility. Increases the water holding capacity. Increase plant resistance to diseases and drought. Increases the concentration of cytokinins and chloroplast in plants. Stimulate the growth of beneficial microorganisms. Reduce fertiliser requirements through improved nutrient uptake. Improves bio-balance and associated plant resilience in the root zone. Serves as a synergist to improve nitrogen fixation.

Dosage : SEED TREATMENT: Mix 5-10 ml. or gm. of VASMYCO with sufficient quantity of water and treat 1,0kg of seeds. Shade dry for half an hour before sowing.

SEEDLING DIPPING: Mix 50-100 ml. or gm. of VASMYCO in 10-20 ltrs. of water and dip the seedling roots for 30 minutes before transplanting.

SETT TREATMENT: Mix 250-500 ml or gm. of VASMYCO in 100 ltrs. of water and dip the setts for 30 minutes before planting in the field.

SOIL APPLICATION: Mix 750-1000ml or 4.0 kg. of VASMYCO with 30-40 kg of Farm Yard Manure (FYM). In the absence of FYM, soil of the field can be used. After thoroughly blending, broadcast in 1.0 Acre of land before last ploughing or after first irrigation. In standing crop, irrigate the field after its application.

TREE TREATMENT/HORTICULTURE: Mix 0.75-1.5 ltrs. VASMYCO in 100 to 200 lit of water and apply at the active root zone directly in the early season for most of field trees, fruit trees and ornamental trees through drip irrigation/acre or 100 gm. per tree. For vines, apply 0.75- 1.5 ltrs. of VASMYCO mixed in 100-150 ltrs. of water per acre.
IP: 1200IP/ml

NUTRIHUME



Packing: 10kg, 20kg

- Benefit increases water holder capacity of the soil & helps to develop the drought resistance.
- It increases the hair root formation of the crop.
- It increases the soil microbial activity.
- It increases intermodal length of the sugarcane.
- It increases the number of roots. It increases soil aggregation & infiltration rate.

Recommendation: - can be used for Sugarcane, turmeric, ginger, Cotton, Chilli, vegetables & field crops.

Content : Humic Acid 10%, Amino Acid 06% Seaweed extract 03% Carriers & Fillers 81%

Dosage : 10 kg per acre

NUTRI GOLD



Packing: 25kg

Benefits :

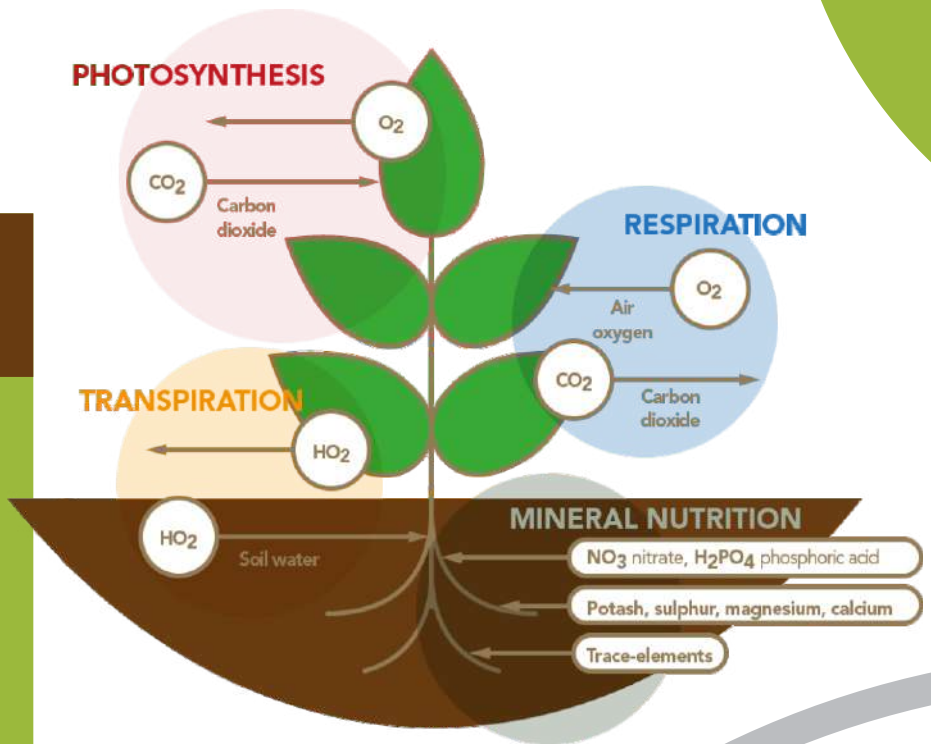
- Increases quick germination of seeding.
- Increases faster and vigorous seeding growth
- Increases profuse primary & secondary root development.
- Increases soil microbial activity
- Increases nutrient uptake of N,K,P Ca,Mg, S,Zn,Fe,Mn,Cu, B & Mo.
- Increases better branching and increased foliage.
- Increases better in the fruit and flower setting.
- Increases better development of Coffee, Black Pepper, Papay & Pomegranate
- Increases in the size and weight of the Coffee, Black Pepper, Papaya & Pomegranate.
- Increases higher yield and better quality of the produce

Dosage : It can be used to Coffee @ 8 kg per round and 100 gm per Pepper vine and Pomegranate plants this can be given twice a year.

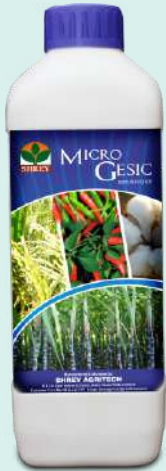


Nutriful

Micronutrients are essential elements that are used by plants in small quantities. They are as important to plant nutrition as primary and secondary macronutrients, though plants don't require as much of them. The 7 micronutrients are boron (B), chlorine (Cl), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo), and zinc (Zn) sufficient in most soils to meet crop needs. However, some sandy soils and other low-organic matter soils are naturally deficient in micronutrients, and high pH soils may make some micronutrients less available and therefore deficient. Because of complex chemical reactions within the soil, micronutrient availability is ultimately controlled by the equilibrium between the soil solution, soil organic matter, cation exchange sites, and insoluble compounds of micronutrients. Soil acidity or alkalinity has a large effect on the tie-up of micronutrients or their availability to plants. A lack of any one Nutrient limits the plant growth & yield.



MICRO GESIC



- It is scientifically blended with micro nutrients along with hormones (Co factors)
- It provides all essential micronutrients to plants
- It increases photosynthetic ability of crop
- It improves root & shoot development in crops
- It promotes flowering & reduce flower drop
- It gives disease & pest resistant to crops
- It helps plants to recover from stress
- It increases yield and improves the quality
- It improves the size weight & yield

Content: Micronutrients like Zn (3%), Fe (2%), Mn (1 %) B (0.5%), Cu (0.0), Mo (0.0%)
with co-factors having 100% solubility and absorption

Dosage : 2-5 ml/lit of water of spray solution

Packing: 20lit, 5lit, 1lit, 500ml

FLOWER BOOSTER (Liquid)



- Flower Booster (FB) is a foliar micronutrient product for all plantation crops.
- FB helps to induce flowering and crop setting and avoids the flower dropping.
- FB corrects and prevents the micronutrients deficiencies if sprayed in advance.
- FB Compatible with most of the pesticides and fungicides.

Content : Zinc 3.0%, Boron 0.5%, Copper 0.5%, Molybdenum 0.05%
pH Regulator Also contains Co-Factors
as per Karnataka Grade I(3)

Dosage : Apply at 1.5 to 2 ml per litres

Packing: 20lit, 5lit, 1lit, 500ml

PANIYOO-S



FOLIAR NUTRITION OF BLACK PEPPER FOR YIELD AND QUALITY

A crop specific micronutrient foliar spray for higher yield in black pepper. It is a research formulation of Indian Institute of Spices Research, Calicut, Kerala

HOW TO USE

Dissolve one kilo gram of PANIYOO-S in 200 liters of clean and clear water. Spray the solution to ensure complete coverage of the pepper vine

Dosage: Spray 2-3 times in a year, the gap between sprays should be at least 4-6 weeks for best results. The sprays can be taken during pre-monsoon, mid-monsoon and post-monsoon. Depending up on the number of sprays taken a 15-30% yield increase is expected.

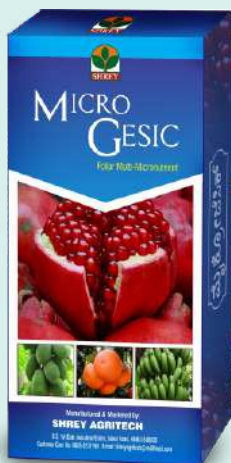
COMPATIBILITY

To be sprayed alone, don't mix with any other agro chemicals.
Patent filed by HSR, Calicut

Content: Nutrients in (mg/L)
Potassium 200-500 (mg/L) , Magnesium 50-150 (mg/L) , Zinc 200-350 (mg/L) ,
Boron 100-300 (mg/L) pH regulator

Packing: 1kg

MICRO GESIC



Packing: 20lit, 5lit, 1lit, 500ml

- MicroGestic Contains all the four essential micronutrients in a balanced proportion.
- MicroGestic is compatible with most spray fertilisers. However a jar test may recommended for compatibility before tank use.
- MicroGestic dissolve 1 litre of microgesic in 100 liter of waterto obtain an effective concentration of 1.0% in sensitive crops or at sensitive stages this concentration may be reduced to 0.5%
- Sprays: Spray on the leaves during the cooler parts of the day- early morning / late evening. To ensure optimum results do not mix with other pesticides or insecticides
- MicroGestic: Should be sprayed 3 times during the crop cycle. 1 st spray: 20-25 days after germination or transplanting. 2nd spray before onset of flowering 3rd spray at the time of leaves development / maturity stage.

Content: Nutrient content percentage by volume minimum as per grade Zn 3.0%, Fe 2.0%, Mn 1.0%, B 0.5%, Cu 0.0%, Mo 0.0%,

Dosage: 2-5 ml/lit of water of spray solution

AMINO POWER



Packing: 20lit, 5lit, 1lit, 500ml

- It increases the photosynthesis in plants
- It activates the phyto hormones & growth substances
- It increases the pollination & fruit formation
- It increases the protein synthesis
- It induce flower & fruit setting
- Improves fruit size, colour & quality
- Increases the yield significant

Content : Nutrient content percentage by volume minimum as per grade 1(3) Zinc (as Zn) - 3%, Boron (as B) - 0.5% also contains Amino acid 40%

Dosage : 2 to 5 ml per lit of solution
For drip 5 to 10 lit per ac

FULMAC



Packing: 20lit, 5lit, 1lit, 500ml

- Accelerated cell division thus stimulating plant growth
- Increased cell wall thickness thus extending shelf life
- Accelerated seed germination
- Increased root growth
- Powerful organic electrolyte
- Increases the plant's oxygen uptake capacity
- Improving the nutrient uptake
- Enhance photosynthesis

Content : Nutrient content percentage by volume minimum as per grade 1(3) Zinc (as Zn) - 3%, Boron (as B) - 0.5% also contains Fulvic acid

Dosage : 2 to 5 ml per lit of solution For drench 5 to 10ml per lit
2 to 5 ml/l of water depending upon the stage & deficiency of nutrients

MICRO GESIC

Plantation Special



Packing: 20lit, 5lit, 1lit, 500ml

- MicroGestic (MG) is a foliar and drip micronutrient product for all plantation crops.
- MG corrects and prevents the micronutrients deficiencies if sprayed and given through drip in advance.
- Avoids mixing with calcium rich products and a jar test is suggested before using with pesticide and fungicide.
- Sprays: Spray on the leaves during the cooler parts of the day- early morning / late evening. To ensure optimum results do not mix with other pesticides or insecticides
- MicroGestic: Should be sprayed 3 times during the crop cycle. 1st spray: 20-25 days after germination or transplanting. 2nd spray before onset of flowering 3rd spray at the time of leaves development / maturity stage.

Content: Zn (3%), Fe (2%), Mn (1%) B (0.5%), Cu (0.0%), Mo (0.0%) with co-factors having 100% solubility and absorption.

Dosage: All plantation crops : 2-5 ml per lit of water

SIVIDA



Packing: 20lit, 5lit, 1lit, 500ml

- Better root system
- Greater resistance to disease & pest
- Improved seed germination
- It extends the shelf life of fruits & vegetables
- It contains almost all minerals required by the plants & also contains hormones, vitamins & enzymes
- It increases the beneficial microorganisms in soil rhizosphere
- It constitute alginates helps in water holding near the plant roots, making moisture available
- It acts as soil conditioner

Content: Nutrient content percentage by volume minimum as per grade 1(3) Zinc (as Zn) - 3%, Boron (as B) - 0.5% also contains Seaweed extract 15%

Dosage: 2 to 5 ml per lit of solution
For drip 5 to 10 lit per ac



Packing: 1kg

- Research based foliar chelated micronutrient product for all plantation crops.
- Corrects and prevents the micronutrients deficiencies if sprayed in advance.
- Compatible with most of the pesticides and fungicides.
- Crops Suitability: Coffee, Black Pepper, Tea, Cardamom, Arecanut, Ginger, Turmeric, Grapes and Pomegranate.

Content: Paniyoor-Plus contains EDTA chelated micronutrients like Zn (6%), Fe (0.5%), Mn (0.2%), B (3%), Cu (0.1%), Mo (0.05%), S (1.5%), Mg (1.0%), N (2%), P (2%) and K (2%) with 100% solubility and absorption.

Dosage: All plantation and field crops: 1 gm per lit of water.

SALIZIN



- Induce Systemic Acquired resistance
- Improves Resistance to Environmental Stress
- Improves Plant Growth & Development
- Enzyme activity were increased
- Synergetic effect with auxin and gibberellins
- Thermogenesis regulation
- Critical Signal Molecule for Plant Defence system
- Easily Transported Through Phloem making foliar applications effective
- SA promoted flowering, increases flower life, retards senescence, increases cell metabolic rate
- It influences the growth & yield of plant
- It regulates many physiological processes in plants,

Content: Nutrient content percentage by volume minimum as per grade 1(3) Zinc (as Zn) - 3%, Boron (as B) - 0.5% also contains Salicylic acid 15%

Dosage: 2 to 3 ml per lit of solution

Packing: 20lit, 5lit, 1lit, 500ml

PANIYOOR PLUS



EDTA Chelated multi micronutrient fertilizers which prevents micro-nutrient deficiencies in Agricultural, Horticultural, Plantation & Vegetable crops.

Foliar Spray: To be used where there is acute need of micronutrients. Do not exceed the recommended dose rates. Use 1 gm per lit of water before flower induction, crop development and maturity.

Fertigation: Dissolve 200 gm of Paniyoor Plus in 200 litre of water per acre to Agricultural, Horticultural, Plantation and Vegetable crops. If severe deficiency of nutrients is observed apply every month till deficiency disappears. Paniyoor Plus can be used upto 1 kg per acre per year per cropping cycle.

*** Fully Chelated With EDTA Guaranteed Analysis (w/w) Karnataka-Grade-1(II) (Zn (6%), Fe (0.5%), Mn (0.2%), B (3%), Cu (0.1%), Mo (0.05%), S (1.5%), Mg (1%), N (2%), P (2%) and K (2%) with 100% solubility and absorption.**

Packing: 1kg

BOROMIN-M7



BENEFITS:

- Research based soil micronutrient product for all plantation crops.
- Corrects and prevents the micronutrients deficiencies if applied in advance.
- Compatible with most of the fertilizers available from the market except calcium.
- Suggestions: soil application: BMF-7 @ 10 kg per acre per round.
- Crops suitability: Coffee, Black Pepper, Tea, Cardamom, Arecanut, Ginger, Turmeric, Grapes, Pomegranate, Paddy, Cotton, Sugar Cane, Chilly, Toor & Bengal Gram.

Content : Zn (10%), Fe (5%), Mn (2%) B (0.3%)

It also contains Cu (0.2%), Mo (0.001%)

having 100% solubility and absorption.

For Drip : 500-1000gm per acre per round

Packing: 10kg

MICROMIX-DF



Packing: 1kg

- MMDF is a multifunction nutrients used for plant growth, development and reproduction.
- MMDF is highly concentrated multimicronutrients helps in plant root development, flower development and crop setting.
- MMDF is highly soluble in water and forms clear solution at 1% concentration.
- MMDF is suitable for nutrification of Plantation crops, open field crops, green house crops and Horticulture crops.

Content : Zn (10%), Fe (5%), Mn (2%), Cu (0.02%), Mo (0.001%) and B (1%) with co-factors suitable for all plantation crops.

Dosage : All plantation & field crops: 1 kg per acre per round.

RAJBOR



Packing: 1kg, 500gm

RAJBOR Boron is one of the important plant nutrient that helps to grow tip of the plant & root, and overall growth of the plant Boron is must for flowering and fruit setting in crops. It also reduces flower dropping Boron helps in uniform size and colour of produce, also helps to stop fruit cracking and rotting

Content : B-14.5%

Dosage : Soil application 2-3-kg per ac

RAGBOR



Packing: 1kg, 500gm

Benefits

- Ragbor is must for flowering and fruit setting in crops. It also reduces flowers dropping
- Ragbor helps in uniform size and colour of produce, also helps to stop fruit cracking and rotting
- Ragbor helps in germination and growth of pollen grains.
- Ragbor Increases pollination and increases mobilization of carbohydrates and growth hormones
- Ragbor is involved in the polymerization of lignin precursors
- Ragbor is concerned with the cell wall metabolism specially involved in cell wall bonding
- Ragbor is required for Nodule formation in legumes

Dosage: For spray 1 to 1.5 g per lit of water spray during critical growth stages. For grape, cotton, paddy, chilli and tomato 1st spray should be given before flowering. So that more flowers and maximum fruit setting is guaranteed Give 2-3 sprays at 15-20 days interval at flowering/ fruit setting stage. Essbor is also suitable for soil application and fertigation Higher or lower dilution concentration of Ragbor depends on the nature of crop and their requirement of boron

Content : B-20%

For Fertigation : 1kg per ac per cycle

SOIL RAKSHAK



- Soil Rakshak (SR) improves the physical, chemical and biological activity of the soil.
- SR balances the acidic soil pH and improves nutrients availability such as N, P, K, Zn, Fe, Mn, Cu, B and Mo.
- SR improves fertilizer use efficiency and reduces nutrients losses.
- SR imparts tolerance to crops against soil borne pests and diseases.
- SR improves soil water holding capacity and reduces moisture stress.
- SR increases quality of crops.
- SR can be applied during pre and post monsoon with regular fertilizer application at 100 kg / Acre per year.

Content: Secondary nutrients like CaCO₃ (30%), MgCO₃ (07%) and SO₄ (15%).

Dosage: 50 kg per acre per round - two applications.

Packing: 50kg

RAKSHA



- Raksha increases quality of crops.
- Raksha improves soil water holding capacity and reduces moisture stress.
- Raksha balances the acidic soil pH and improves nutrients availability such as N, P, K, Zn, Fe, Mn, Cu, B and Mo.
- Raksha improves fertilizer use efficiency and reduces nutrients losses.
- Raksha imparts tolerance to crops against soil borne pests and diseases.
- Raksha improves the physical, chemical and biological activity of the soil.
- Raksha can be applied during pre and post monsoon with regular fertilizer application at 100 kg / Acre per year.

Content: Calcium (Ca) 12%, Magnesium (Mg) 2%, Sulphur (S) 5%

Dosage: 50 kg per acre per round - two applications.

Packing: 50kg

SURAKSHA



- Suraksha Enriched with Humic Acid, Fulvic Acid, Sea weed Extract and Amino Acid.
- Suraksha improves biological activity of the soil and improves earth worm activity.
- Suraksha improves the soil physical and chemical activity of the soil.
- Suraksha balances the acidic soil pH and improves nutrients availability such as N, P, K, Zn, Fe, Mn, Cu, B and Mo.
- Suraksha improves fertilizer use efficiency and reduces nutrients losses.
- Suraksha imparts tolerance to crop against soil borne pests and diseases.
- Suraksha improves soil water holding capacity and reduces moisture stress.
- Suraksha increases quality of crops.
- Suraksha can be applied during pre and post monsoon with regular fertilizer at 100 kg / Acre / year.

Contents: Ca-12%, Mg-2%, S-5% Enriched with Amino Acid Seaweed Extract, Humic Acid & Fulvic Acid

Dosage : 50 kg per acre per round such 2 applications.

Packing: 50kg

COPPER SULPHATE



Packing: 1kg, 25kg

- The first recorded use of copper was in 1761, when it was discovered that seed grains soaked in a weak solution of copper sulphate inhibited seed-borne fungi.
- Copper is one of the essential micronutrient for plants growth.
- Copper is Immobile in soil.
- Solubility and plant availability of Cu is highly dependent on soil pH.
- Copper solubility increases approximately 100 fold for each unit decrease in soil pH.
- Copper deficiencies usually occur in irregular patches within fields.
- High levels of soil P can also depress Cu absorption by plant roots creating the Cu deficiency.
- Copper is involved in several enzyme systems, cell wall formation, electron transport and oxidation reactions.
- Copper is not readily transferred from older to younger leaves.

Content : Cu -24%, S -12%

Dosage : 2kg per acre, for fertigation 250g per ac per Round

MANGANESE SULPHATE



Packing: 10kg

Manganese (Mn) ions connects ATP with complexes enzymes (phosphor transferase* and phosphokinase). Dehydrogenase and Decarboxylase in the Krebs cycle (TCA) are also activated by Mn⁺. Manganese plays an important role in chlorophyll production and its presence is essential in Photo system II, also involved in cell division and plant growth. RNA polymerase is activated by manganese. Manganese has an effective role in lipids metabolism, and due to effective role of manganese in the nitrate reduction enzymes, nitrate will accumulation in leaves which are facing with manganese deficiency. Moreover amount of lignin in the plant will decline due to manganese deficiency, that this reduction is more severe in the roots, this matter is very important especially to reduction resistance the roots of plants to fungi infecting. Manganese deficiency symptoms first appear on younger leaves; because dynamics of these elements in different plant tissues is limited (manganese isn't a mobile element). Manganese concentrations in plant tissues have been determined 50 to 150 ppm. Manganese critical levels in plant tissues depending on the cultivar, species and environmental conditions and has been reported between 10 to 50 micrograms per gram for dry matter

Content : Mn -30.5%, S-17%

Dosage : 2kg per ac, for fertigation 250g per ac per Round

FLOW BOOSTER (Powder)

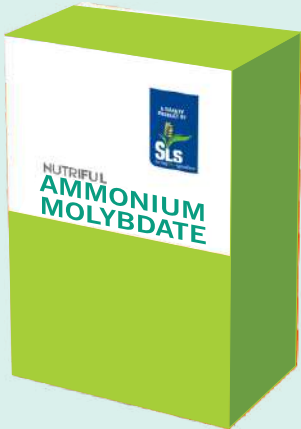


Packing: 1kg

- Flower Booster (FB) is a foliar micronutrient product for all plantation crops.
- FB helps to induce flowering and crop setting and avoids the flower dropping.
- FB corrects and prevents the micronutrients deficiencies if sprayed in advance.
- FB Compatible with most of the pesticides and fungicides.
- Suggestions: Foliar Spray: Flower Booster @ 1.5 gm per lit of water
- Crops Suitability: Coffee, Black Pepper, Tea, Cardamom, Arecanut, Ginger, Turmeric, Grapes and Pomegranate

Dosage : All plantation crops & Field Crops : 1.5 gm per lit of water

AMMONIUM MOLYBDATE



Packing: 100g, 50g

AMMONIUM MOLYBDATE The element was discovered (in the sense of differentiating it as a new entity from the mineral salts of other metals) in 1778 by Carl Wilhelm Scheele. The metal was first isolated in 1781 by Peter Jacob Hjelm. Molybdenum is essential to plant growth as a component of the enzymes nitrate reductase and nitrogenase, These enzymes convert nitrate into nitrite, and then into ammonia before it is used to synthesize amino acids and proteins within the plant. Plants take up Mo as the MoO_4^{2-} anion Molybdenum optimizes plant growth, Aids in the formation of legume nodules, helps in nitrogen assimilation Involved in synthesis of ABA It is also important to potassium absorption increase plant health and growth. Soils below pH of 5.5 and low in Phosphorus will affect availability.

Dosage : Seed treatment: 2 to 5 g per kg seed
Foliar spray : 0.25 to 0.5 g per lit solutions
Content : Mo-52%

CHELAZIN



Packing: 1kg, 500g, 250g, 100g

CHELAZIN It is fully chelated spray dried 100% water soluble micronutrient and the most renowned product by continuous chelating process for rapid uptake by the plants. It takes care of hidden hunger which cannot be easily seen through symptoms on the crops. Chelezin acts as curative treatment for specific deficiencies in plants. Zinc is fully and totally absorbed by the plant through foliage. It is effectively fulfills the demand of zinc by the plant Flexible application via foliar spray or fertigation saves time and application costs. Zinc is associated with biosynthesis of Auxins, essential for the activity of many enzymes, participates in chlorophyll formation. Zinc stops the formation of abnormally small leaves, increases the plant's resistance to diseases, boosts growth rate, reduces the intensity of chlorosis, decreases flower and fruit drop, substantially increases yield.

Content: EDTA Chelated Zinc-12%
Dosage: 0.2 -1 g per lit water

CHELIRON



Packing: 1kg, 500g, 250g, 100g

CHELIRON Iron is present in the soil but in unavailable to plants. Imbalance of metallic nutrients such as copper and manganese, excess of phosphorus, high soil pH, high lime, high soil moisture and cool temperature, high levels of bicarbonates reduces the availability of iron. It is fully chelated spray dried 100% water soluble micronutrient and the most renowned product by continuous chelating process for rapid uptake by the plants. It takes care of hidden hunger which cannot be easily seen through symptoms on the crops. Cheliron acts as curative treatment for specific deficiencies in plants. Iron is fully and totally absorbed by the plant through foliage. It is effectively fulfills the demand of iron by the plant Flexible application via foliar spray or fertigation saves time and application costs. Iron stimulates and regulates enzyme reactions for growth and development of crops, increases chlorophyll content of healthy green leaves. It also prevents chlorosis and spiraling of leaves, increases the productive tillers in wheat and paddy. It induces resistance to pests and diseases, boosts growth rate, dry matter accumulation and increases yields.

Content: EDTA Chelated Iron- 12%
Dosage: 0.2 -1 g per lit water

MEGAZIB



Another category of chelate is the amino acid chelates. There are 20 amino acids. Amino acids are the building blocks of protein. Amino acids are moderately strong chelating agents. Once inside the plant the mineral is released and the left over amino acids that formed the protective shell are used by the plant as a source of water soluble nitrogen. After all, amino acids are building blocks in cell machinery. Everything is used, nothing is lost. Amino acid chelates are generally systemic in the plant meaning they move and travel to where they are needed. They can do this because amino acids are recognized by the plant as building blocks and are used in nearly every tissue in the plant. Glycine chelates (also known as glycinates) are a subset of amino acid chelates. Glycine is the smallest amino acid and it is often used as a chelating agent. Since glycine is small it makes a small final product that passes through leaf pores (stomates) more easily than other larger molecules, thus enhancing plant uptake.

Contents : Zn-8%, 5 B-2.0%, Mg-3%
Dosage : 0.5 to 1.0g per lit of spray solution
For Drip 500-1000g per ac per round

Packing: 1kg, 500g, 250g, 100g

DECATIF

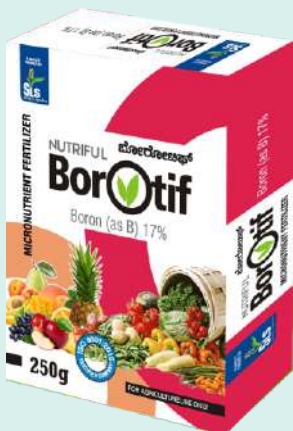


DECATIF Boron is one of the important plant nutrient that helps to grow tip of the plant & root, and overall growth of the plant Boron is must for flowering and fruit setting in crops. It also reduces flower dropping Boron helps in uniform size and colour of produce, also helps to stop fruit cracking and rotting

Content : B-10.5%
Dosage : Soil application 2-3-kg per ac

Packing: 2kg

BOROTIF



- Boron is one of the important plant nutrient that helps to grow tip of the plant & root
- Boron helps overall growth of the plant
- Boron is must for flowering and fruit setting in crops.
- Boron reduces flower dropping
- Boron helps in uniform size and colour of produce
- Boron helps to stop fruit cracking and rotting

Content : B-17%

Dosage: For spray 1 to 1.5 g per lit of water spray during critical growth stages. For grape, cotton, paddy, chilli and tomato 1st spray should be given before flowering. So that more flowers and maximum fruit setting is guaranteed Give 2-3 sprayes at 15-20 days interval at flowering / fruit setting stage. Essbor is also suitable for soil application and fertigation Higher or lower dilution concentration of essbor depends on the nature of crop and their requirement of boron

For Fertigation : 1kg per ac per cycle

Packing: 1kg, 500g, 250g, 100g



SERVING
ECO
Agriculture

Greenosol

Efficient fertilizers and fertilizer application methods have become the main answer to the ever growing demand for farm produce. Crop yield and economy of cultivation are influenced by several factors; efficient uptake of nutrients from soil and as result higher nutrient use efficiency being one of the most important among them. 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 resources. Fertigation and foliar nutrition enable highly efficient use of nutrients. For Intensive High Yield & Quality Crop Production through "FOLIAR SPRAY & FERTIGATION" is the best answer.

Being readily soluble in water, Water soluble fertilizers (WSF) achieve this by releasing essential plant nutrients at the root zone & foliage in well balanced proportion from where they are readily absorbed and used elsewhere in the plant system.

Greenosol 100% Water Soluble Fertilizers will surely increase yield & quality of produce.

GREENOSOL

GROUP

SERVING
ECO
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MONOAMMONIUM PHOSPHATE (MAP)



Packing: 1kg, 25kg

Fully water soluble fertilizer containing Nitrogen and Phosphates free from chloride, sodium and other detrimental elements for plants. 25 to 30 per cent of recommended dose of fertilizer can be reduced by using Greenosol water soluble fertilizers. Greenosol MAP is helpful in providing immediate Phosphorus to the crops whenever demand for phosphorus. Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. Since N, and P are specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. It is specially recommended before flowering to promote proper growth of reproductive parts and fertilization. It is acidic in nature & hence helps in removing salt deposition in the drippers of the system. It is useful specially for healthy vegetative growth of young seedlings and growth plants. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Note** : Do not mix with fertilizers containing Calcium and Magnesium salts.
Application : Foliar spray, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
Crop Recommendation: Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
Dosage : foliar spray 5-10 g per lit; Fertigation: 30-60 kg per ac(1kg/ac/day)

POTASSIUM NITRATE (NOP)



Packing: 1kg, 25kg

N:P:K 13:00:45 is a water soluble Potassium nitrate fertilizer which is totally water soluble free flowing fine crystalline form, has low salt index fertilizer. It contains high quality macro and essential nutrients and chloride free ingredients. Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. N and K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. Increase plant resistance against pest and diseases and abiotic stress, It is useful for fruit quality, bumper fruit weight, fruit colour, shining etc. It is useful for excellent fruit setting & fruit development. It has low N/K ratio therefore suitable for all crops and all growing stages in crop cycle. It is useful specially for healthy vegetative growth of young seedlings and growth plants. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Note** : Do not mix with fertilizers containing Calcium and Magnesium salts.
Application : Foliar spray, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
Crop Recommendation: Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
Dosage : foliar spray 5-10 g per lit;
Fertigation : 30-60 kg per ac (1 kg/day/acre)

POTASSIUM SULPHATE (SOP)



Packing: 1kg, 25kg

Fully water soluble fertilizer Potassium Sulphate (K_2SO_4) also known as Sulphate of Potash (SOP) is a 100% water soluble source of Potassium (K) and Sulphur (S). It is a free flowing fine crystalline powder virtually free of Chloride. Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. Increase plant resistance against pest and diseases and abiotic stress, It is useful for fruit quality, bumper fruit weight, fruit colour, shining etc recommended during final development stage of the plants. It is useful specially for healthy vegetative growth of young seedlings and growth plants. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Note** : Do not mix with fertilizers containing Calcium and Magnesium salts.
Application : Foliar spray, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
Crop Recommendation: Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
Dosage : foliar spray 5-10 g per lit;
Fertigation : 30-60 kg per ac (1kg/day/acre)

MONOPOTASSIUM PHOSPHATE (MKP)



Packing: 1kg, 25kg

N:P:K 00:52:34 is a water soluble Mono Potassium Phosphate also called MKP fertilizer which is totally water soluble free flowing fine crystalline form, has low EC and salt index fertilizer. Concentrated source of Phosphorus and Potassium and chloride free ingredients Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. P and K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. Increase plant resistance against pest and diseases and abiotic stress, It is useful for fruit quality, bumper fruit weight, fruit colour, shining etc. It is useful for excellent fruit setting & fruit development. Suitable for pre-bloom as well as post-bloom applications. It is best suited for excellent flowering and fruit setting / fruit development. Popularly used for proper ripening and attractive colour formation of rind in fruit It is useful specially for healthy vegetative growth of young seedlings and growth plants The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Application** : Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
- Crop Recommendation** : Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
- Dosage** : foliar spray 5-10 g per lit;
- Fertigation** : 30-60 kg per ac (1 kg/day/acre)
- Note** : Do not mix with fertilizers containing Calcium and Magnesium salts.

Calcium is one of the most critical secondary nutrients that are vital for the growth and strength of the plants body. Calcium enhances uptake of NO_3^- -N and therefore is interrelated with Nitrogen metabolism. Calcium is essential for cell elongation and division thus plays important role in the growth of terminal buds of shoot and apical tips of roots. Strong cell walls shield your crops, ensuring healthier growth and longer shelf life.

- Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen.
- Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized.
- Ca and N is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage.
- Increase plant resistance against pest and diseases and abiotic stress, prevents cracking, rotting in fruit/vegetables.
- The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc.
- All horticultural crops will give awesome results with greenoSol.
- Labour expenses will be minimized when compared with conventional fertilizer application.

- Note** : Do not mix with other water soluble fertilizers
- Application** : Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
- Crop Recommendation** : Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
- Dosage** : foliar spray 5-10 g per lit; Fertigation: 30-60 kg per ac (1kg/day/acre)

Crystalline, fully water soluble potash & Magnesium fertilizers are specially developed for fertigation and foliar application. It contains high quality of macro and essential nutrients and chloride free ingredients Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. K and Mg is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. It promotes crop growth by stimulating new root development, reduces flower drop, increases fruit setting and increases yield and quality of the produce. It has a neutral pH, and does not contribute to soil acidity or alkalinity. Increases resistance against pest, diseases and abiotic stress. It is useful for fruit quality, bumper fruit weight, fruit colour, shining etc. Recommended during final development stage of the plant. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Application** : Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
- Crop Recommendation** : Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
- Dosage** : Foliar spray 5-10 g per lit;
- Fertigation** : 30-60 kg per ac (1 kg/day/acre)
- Note** : Do not mix with fertilizers containing Calcium

CALCIUM NITRATE



Packing: 1kg 25kg

POTASSIUM SCHEONITE



Packing: 1kg, 25kg

MAGNESIUM SULPHATE



Packing: 1kg,25kg

Magnesium is the central atom in the chlorophyll molecule. It also serves as a structural component in ribosomes. Many critical physiological and biochemical processes in plants are influenced by Mg. Mg. activates the formation of polypeptide chains from amino acids. It also plays an important role for the formation of carbohydrates, fats and vitamins etc. It regulates the uptake of other nutrients and the base economy of plants.

Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. Mg and S is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. The nutrients are textured and cohesively balanced. Hence, this will give better result and excellent yield in all crops horticultural crops. All pesticides and fungicides can be mixed when applying Greenosol. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Application** : Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
- Crop Recommendation** : Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
- Dosage** : Foliar spray 5-10 g per lit;
- Fertigation** : 30-60 kg per ac (1kg/day/acre) **Note:** Do not mix with other water soluble fertilizers

CALCIUM NITRATE WITH BORON (CNB)



Packing: 1kg,25kg

Boronated Calcium Nitrate is a water soluble fertilizer which is totally water soluble in crystalline form. It contains high quality macro and essential nutrients and chloride free ingredients. This can be applied to the crop by fertigation or through foliar spraying.

Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. B, Ca and N is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. The nutrients are textured and cohesively balanced. Hence, this will give better result and excellent yield in all crops horticultural crops. All pesticides and fungicides can be mixed when applying Greenosol. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

- Application** : Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units
- Crop Recommendation** : Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops
- Dosage** : Foliar spray 5-10 g per lit;
- Fertigation** : 30-60 kg per ac (1kg/day/acre)
- Note** : Do not mix with other water soluble fertilizers

FOSFAR



Packing: 1kg 5kg 35kg

Benefits

- Fosfar consist of 100% plant nutrients and free of insoluble matter
- Fosfar is highly concentrated phosphoric fertilizer helps in roots and flower development
- Fosfar is a multi function agent, used for plant nutrition, pH adjustment and cleansing irrigation equipment
- Fosfar is free of chloride and sodium suitable for Nutrigation of plantation, fruit, greenhouse field crops.

Dosage : For drip 1 to 2kg per ac per round

GREENOSOL

GROUP

SERVING
ECO
Agriculture



NPK 19:19:19



Packing: 1kg, 25kg

Crystalline, fully water soluble NPK fertilizers are specially developed for fertigation and foliar application. It contains high quality of macro and essential nutrients and chloride free ingredients

Benefits

- Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen.
- Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized.
- Since N, P and K are specially structured and designed, this will give an excellent growth in all the stages of crop namely stage, vegetative stage, reproductive stage and ripening stage.
- It is acidic in nature & hence helps in removing salt deposition in the drippers of the system
- It is useful specially for healthy vegetative growth of young seedlings and growth plants
- The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc.
- All horticultural crops will give awesome results with greenoSol.
- Labour expenses will be minimized when compared with conventional fertilizer application.

Note

: Do not mix with fertilizers containing Calcium and Magnesium salts.

Application

: Foliar spray, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units

Crop Recommendation

: Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops

Dosage

: foliar spray 5-10 g per lit; Fertigation: 30-60 kg per ac (1kg/ac/day)

NPK 13:40:13



Packing: 1kg, 25kg

Crystalline, fully water soluble NPK fertilizers are specially developed for fertigation and foliar application. It contains high quality of macro and essential nutrients and chloride free ingredients

Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through this application, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. N, P and K is specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. It promotes crop growth by stimulating new root development, reduces flower drop, increases fruit setting and increases yield and quality of the produce. Useful at early flowering, early fruit formation, and fruit development stages, where the requirement of crops for P is more along with less of N and K. The nutrients are textured and cohesively balanced. Hence, gives better results and excellent yield in all crops like fruits, flowers, vegetables, cereals, pulses, cotton, sugarcane, tea, coffee, pepper etc. All horticultural crops will give awesome results with greenoSol. Labour expenses will be minimized when compared with conventional fertilizer application.

Application

: Foliar sprays, drip irrigation, hydroponics, low throw sprinklers, center pivots and spray Units

Crop Recommendation

: Tomato, Sugar beet, Onion, Potato, Groundnut, Legumes, Fruits, Flower horticultural, plantation crops and commercial crops

Dosage

: foliar spray 5-10 g per lit;

Fertigation

: 30-60 kg per ac (1kg/day/acre)

Note

: Do not mix with fertilizers containing Calcium and Magnesium salts.

NPK 20:20:20



Packing: 1kg, 25kg

Crystalline, fully water soluble NPK fertilizers are specially developed for fertigation and foliar application. It contains high quality of macro and essential nutrients and chloride free ingre

COMPOSITION : NPK 20:20:20

Benefits: NPK 20:20:20 is a fully water soluble Nitrogen, Phosphorus & Potassium fertilizer. It is a free flowing, fine crystalline powder which dissolves quickly in water without any residues. NPK 20:20:20 is suitable to apply through all fertigation systems, drip system, Low throw sprinklers, centre pivots and spray units.

Recommended Crops: Cotton, Groundnut, Wheat, Maize, Rice, Soyabean, Pulses, cucumber, Capsicum, Onion, Garlic, Potato, Chillies, Tomato, Brinjal, Cabbage, Cauliflower, Peas, Sugarcane, Grapes, Mango, Citrus, Apple, Banana, Pomegranate, Vegetable, Papaya, Strawberry, Tea, Coffee, Cardamom, Pepper, Nursery.

Dosage

: Forfoliar spray, 3-6gmperliter.

Fertigation

: 30-60 kg per ac (1kg/day/acre)

Use sufficient water to cover the foliage and spray until the plant is totally wet. For better results spraying is recommended either in the morning or in the evening hours during non-windy days. When temperature is low.

Note

: Do not mix with fertilizers containing Calcium and Magnesium salts.



SERVING
ECO
Agriculture

Organosol

Efficient fertilizers and fertilizer application methods have become the main answer to the ever growing demand for farm produce. Crop yield and economy of cultivation are influenced by several factors; efficient uptake of nutrients from soil and as result higher nutrient use efficiency being one of the most important among them. 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 resources. Fertigation and foliar nutrition enable highly efficient use of nutrients. For Intensive High Yield & Quality Crop Production through “FOLIAR SPRAY & FERTIGATION” is the best answer.

Being readily soluble in water, Water soluble fertilizers (WSF) achieve this by releasing essential plant nutrients at the root zone & foliage in well balanced proportion from where they are readily absorbed and used elsewhere in the plant system.

Greenosol 100% Water Soluble Fertilizers will surely increase yield & quality of produce.

ORGOFOS (PROM)



- It is an organic fertilizer used as an alternative to diammonium phosphate and single super phosphate
- It is produced by co-composting with high grade rock phosphate
- Addition of PSB & PSF enhance the effect
- It improves the water holding capacity of soil and improves overall productivity.
- It improves the natural properties of soil by boosting the growth of soil fauna and flora
- It provides residual nutrients for next crop
- Effective even on hard & heavy black soil.

Dosage: 150- 200 kg per ac. 500g to 1kg per plant

Packing: 50kg

BEVISOL P (NEEM CAKE POWDER)



- It is very effective on growth, yield and quality of agricultural crops.
- There is significant improvement in soil health.
- The organic carbon contents increased with increase in dose of Neem Cake manure.
- Soil moisture content is increased during crop growth period
- Plant growth parameters viz. terminal shoot growth, plant girth, height and spread were significantly effected by Neem Cake.
- It increases fruit pressure and titratable acidity
- It controls Nematodes and parasitic fungi
- It also controls insect pests
- It increases the earthworm population
- It induces the nitrification process and the chlorophyll contents gets increased

Dosage : Mixing with soil 200 400kg per ac

Packing: 40kg

NEEMPEL (NEEM PELLETS)



- It is very effective on growth, yield and quality of agricultural crops.
- There is significant improvement in soil health.
- The organic carbon contents increased with increase in dose of Neem Cake manure.
- Soil moisture content is increased during crop growth period
- Plant growth parameters viz. terminal shoot growth, plant girth, height and spread were significantly effected by Neem Cake.
- It increases fruit pressure and titratable acidity
- It controls Nematodes and parasitic fungi
- It also controls insect pests
- It increases the earthworm population
- It induces the nitrification process and the chlorophyll contents gets increased

Dosage : Mixing with soil 200 400kg per ac 50 to 100g per plant

Packing: 25kg

HUMISTAR



Packing: 5lit, 1lit,500ml

Benefits :

- Increased the water holding capacity
- Improved drought tolerance
- Alkaline & acidic soils neutralization
- Maximized the ion exchange capacity
- Maximize the nutrient uptake
- Accelerated seed germination
- Increased the root growth
- Increased cell wall thickness thus extending shelf life

Content : Humic acid 20%

Dosage : 2-3ml per lit of spray solution
5-10ml per lit of water for drenching

NIWON



Packing: 20lit,5lit,1lit

- Enhance germination & rooting
- Stimulates vegetative growth & flower bud development
- Accelerates pollen germination & tube growth, thus improving flower fertilization & fruit set
- Alleviates detrimental effect of stress
- Improves nutrition & health of crop
- Enhance the immunity of plant
- Increases beneficial bio organisms in soil

Content : SNPPGR-0.1%

Dosage : 2-4ml per liter of spray solution
For drenching 5ml per lit solution
For Drip 1-2 lit per ac

BOROPLIC



Packing: 20lit, 5lit, 1lit

- Improves the soil structure
- Supply boron to plants
- Improve nutrient uptake by the root system
- Promote root development
- Improves flower setting
- Improves pollination
- Improves fruit quality

Content : Boron - 3 %
Fulvic acid - 3 %

Dosage : 2 to 5ml per lit solution
For Drip 5 to 10 lit per ac

ASTRASIL



Packing: 5lit, 1lit, 500ml, 250ml

- Is a high standard Silicon base concentrated multipurpose wetting & spreading agent
- Reduces the surface tension of water
- Improves the coverage of the spray on plant surfaces
- Sticks well on plant surface & prevent wash off due to rains
- Keeps clean lubricates pump & sprayer nozzle
- Prevents clogging of nozzles
- Enhance leaf cuticle permeability, increasing rate of penetration of all formulations through leaf especially in dry weathers

Content : Silica based wetting agent

Dosage : 0.3 to 0.5 ml per lit of spray solution

COPHOS



Packing: 20lit,5lit,1lit 1kg

It has given good result on grapes, pomegranate, citrus, Tomato, Potato, Turmeric, Ginger, Onion, Cotton, Soyabean & Vegetables of Fungal diseases

Content:
Copper 6% Phosphoric acid: 30%

Dosage :
1-2 ml per liter of spray solution

ASTRA-75



Packing: 20lit, 5lit, 1lit, 500ml

- Is a high standard non ionic multipurpose wetting & spreading agent
- Reduces the surface tension of water
- Improves the coverage of the spray on plant surfaces
- Sticks well on plant surface & prevent wash off due to rains
- Keeps clean lubricates pump & sprayer nozzle
- Prevents clogging of nozzles
- Enhance leaf cuticle permeability, increasing rate of penetration of all formulations through leaf especially in dry weathers

Content : Non silica wetting agent

Dosage : 0.5 to 1 ml per lit of spray solution

BAGAVA



Packing: 500gm

Benefits :

- Bhagava improves the shining & colour of fruits
- Bhagava improves the keeping quality of fruits
- Bhagava improves the crop stability and viability
- Bhagava improves the plant health and fine roots activity

Content : A.Acid - 20%,PDHOP -40%, B.ACID- 30%, Shrey Co-Factor - 10%

Dosage : 2gm-3gm per lit. of water

CAB POWER



Packing: 1lit

- CaB POWER reduces flower drop in many plantation, horticulture and agricultural crops.
- CaB POWER increases bud initiation, flower setting, pod development or regular usage
- CaB POWER helps to balance Boron and Calcium ratio in the plant.
- CaB POWER avoids fruit cracking and dropping in many plantation and horticultural crops.
- CaB POWER reduces internal damage to the storage tissues.
- CaB POWER helps to reduce localized ethylene production within the plant and increases calcium level.
- CaB POWER regular usage builds disease resistance in fruits by developing better cell wall

Dosage : All plantation and field crops: Spray @ 1 ml per lit of water.

TRIPLE



Packing: 100ml

Benefits :

- Provide greater plant stress tolerance, flowering, fruit growth, Fruit size and quality of the crops.
- Improves physiological and biochemical process of crop growth and development
- Promote cell elongation, cell division, seed germination and photosynthesis and selected enzymes.

Content: Homobrassinolide 0.04 % w/w min.

Emulsifier & Adjuvants : 4.00% w/w max.

Solvent : Q.S

Dosage: Mix 0.5 ml in 1 liter of water and spray on crops.

HYDROSORB



Packing: 1kg

- Water Retainers for Soils and Substrates:
- It is a water retainer when incorporated into a soil or a substrate, it absorbs and retains large quantities of water and nutrients.
- It is a superabsorbent anionic polyacrylamide polymer. It is a crosslinked copolymers of acrylamide and potassium acrylate that is water insoluble.
- It has the property of absorbing up to four hundred times of its weight in distilled water and it becomes gel.
- It is a superabsorbent anionic polyacrylamide polymer. It is a crosslinked copolymers of acrylamide and potassium acrylate that is water insoluble..
- It has the property of absorbing up to four hundred times of its weight in distilled water and it becomes gel.

Dosage : All plantation crops & Field Crops : 1 kg per acre per round

SILI MOLY



Packing: 1lit, 500ml

- Silimoly supplies bio-available Silicon & Molybdenum.
- Silimoly increases crop immunity against pests & diseases.
- Silimoly strengthens plants against fungi, extreme climatic conditions and prevents insect infestation.
- Silimoly is compatible with all kind of foliar grade fertilizer, pesticides & fungicides
- Silimoly has to be thoroughly sprayed on lower and upper portion of leaves.
- Silimoly helps for absorption of Macro & Micro-Nutrients.
- Silimoly acts as plant growth regulator & as a source of tonic.

Crops Suitability: Coffee, Black Pepper, Tea, Cardamom, Arecanut, Ginger, Turmeric, Grapes & Pomegranate

Content : Si (2.6%), Mo (0.8%) with polyethylene glycol as stabilizer.

Dosage : All plantation crops: Spray @ 1 ml per lit of water.

SLP-85



Packing: 35kg

- Shrey SLP-85 is a multi-function agent, used for plant nutrition, pH adjustment and cleansing irrigation equipment.
- Shrey SLP-85 Highly-concentrated phosphoric fertilizer helps in roots and flower development
- Shrey SLP-85 Consists of 100% plant nutrients and free of insoluble matter.
- Shrey SLP-85 is suitable for Nutrigation of greenhouse crops, open field crops, fruit trees and plantation crops.

Dosage : Use 250 gm SLP-85 in 200 lit. of water 6 to 6.5 pH of the Solution.

NEW HUMIGESIC



Packing: 20lit, 5lit, 1lit.

Benefits

- It contains all the balanced hormones such as Humic acid, Fulvic acid, Sea weed extract, Cytokinin and Auxins with co-factors.
- It can be used for increasing root proliferation, flower induction and crop setting.
- It helps for homogeneous and uniform development of all seedlings and stimulates the root system.
- It improves the Rhizosphere efficiency and the vegetative productive balance.

Dosage : foliar spray & drip fertigation: Spray NHG @ 2 ml per lit and drip fertigation 2 lit per acre.

RUTOSAN



Packing: 1kg, 500g

Benefits

- Rutosan accelerated seed germination, helps in plant root development flower development and crop setting.
- Rutosan is a 100% water soluble, amenable to fertigation
- Rutosan increases the water holding capacity of soil
- Rutosan is extend the shelf life of the produce
- Rutosan is improved the drought tolerance of crops
- Rutosan is increases ion exchange capacity of soil
- Rutosan neutralizes alkaline & acid soils
- Rutosan maximize the nutrient uptake
- Rutosan is suitable for all Plantation crops, Green house crops, Horticulture crops. and open field crops,

Content : Humic-60%-65%, Fulvic -10%-12%, K₂O-8%-10%

Dosage : 1 to 2kg per acre per round for drip irrigation, 2 to 4gm per litre of water for foliar spray.
5 to 10gm per litre of water for drench

NUTRIGOLD PEARL



Packing : 4kg jar

Benefits

- Increases Water holding capacity of the soil & health to develop the drought resistance.
- Increases the number of roots & white root formation of the crop.
- Increase the soil microbial activity of soil.
- Increases the Internodal length of the sugar cane.
- Increases Soil aggregation & infiltration rate.
- Increases the yield and quality of produce

Content:

HumicAcid	-	15%
Amino Acid	-	15%
Fulvic Acid	-	2%
K ₂ O	-	2%
Water Soluble	-	85%

Dosage : 4 kg per acre

BEVISOL



Packing: 20lit, 5lit, 1lit, 500ml

- It has high quality cold pressed Neem Oil.
- It can be used in Organic farming
- Non Toxic Bio-degradable and ecofriendly
- Insect repellent
- Stop Sucking and eating of leaves by insects
- Reduces the laying & hatching of eggs by insects
- Compatible & harmless

Dosage : 3 to 5 ml per liter of water

PUTREFIER



Packing: 20lit, 5lit, 1lit 1kg

- Lowers risk of pollution problems
- Fast composting
- Weed seed destruction, Pathogen destruction, Convert Organic
- Waste into Organic manure
- It works as Biofertilizer, Biocontrol and as well as Soil Health Reviver.
- It helps to generate earthworm population in the soil
- It improves the biological and physical properties of soil

Usage:

Take 2kg Jaggery and mix in 200lit of water in plastic/cement drum. To this add 1 lit of putrefier mix the solution daily by wooden stick two times and keep the drum close. The solution will be ready in 5-7 days. Sprinkle this solution (20-30lit) over each layer of bio waste in compost pit or in-situ composting of crop residue to convert organic manure. Maintain 60% Moisture during entire period of composting. Turn the compost material every 7 day interval. The compost gets ready to use after 30 days.

METRANI



Packing: 20lit, 5lit, 1lit 1kg

Metrani is a biological insecticide based on a selected strain of naturally-occurring entomopathogenic soil fungus *Metarhiziumanisopliae*. The Entomopathogenic property of *Metarhiziumanisopliae* was first discovered in 1879 by Elie Metchnikoff in experimental tests to control the wheat grain beetle, *Anisopliaaustriaca*. It is also known as the green muscardine fungus owing to the green colour of the sporulating colonies produced by it. It was formerly known as *Entomophthoraanisopliae*. The fungus produces an appressorium (a swelling on the end of the germ tube) which marks the start of invasion of insect. The fungus produces a lateral extension of hyphae inside insect body which proliferate and start feeding on insect's internal contents. After consuming internal contents (haemolymph) the fungus breaks out of insect's cuticle and starts sporulating making the insect appear fuzzy. The hyphae through enzyme action proliferate in insect body and cause mortality through a combination of chemical, mechanical, water loss and nutrient loss effects.

Mycelia produce secondary metabolites and destruxin- a mycotoxin cyclodepsipeptide, that helps the fungus overcome the host defences. After its death the host is seen to be enveloped by a mat of green conidia. Metrani being a BioTermiticide has a Horizontal Transfer Effect and start multiplying horizontally due to availability of moisture and target pests in soil.

Target Pests : Termites , Root Grubs , Locusts , Root weevils , Ants , Beetles and Caterpillar pests

Method of Application : Soil Application: Mix Metrani 5ml/ L of water and decant the supernatant liquid and apply through drip irrigation, flood irrigation, spraying on soil, drenching the root zone. Metrani can also be mixed with organic fertilizers, vermicompost / neem cake and applied to root zone.

Termtarium application: Destroy the termtarium and drench the termtarium area with liberal quantity of water with Metrani Suggested dilution is 5 ml/L of water.

Foliar spray: Mix Metrani @ 2.5 lit in 1000 L of water and spray to control termites in Groundnut. Mix Metrani @ 5 ml / L of water and spray for control of Lepidopetrous pests / Caterpillar pests and locusts. The spray volume depends upon the crop canopy. Cfu/ml 1×10^9

Compatibility: Metrani is compatible with BioPesticides and not with Chemical Fungicides.



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Shrey Agritech

Plot No: 152, (P) Survey No.: 90, Tarihal Industrial Estate
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