



Manufacturing facility at MIDC Wardha



Manufacturing facility at MIDC Borgaon, (M.P.)



Nagarjuna Mfg. facility at MIDC Wardha



Manufacturing facility at Rotha, Wardha

Providing quality inputs
to the

Agri
Indus-Tree



for a sustainable future...



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Ph. No : 0712 2727722 email - info@skragrotech.com
www.skragrotech.com, www.skrgroup.co.in

An ISO 9001 : 2015 ; 14001 : 2015, 18001 : 2007 Company



“ It all started in the year 1981, a small yet humble beginning with the manufacture of micronutrients, one of the most vital agricultural input in tune with the green revolution. The group formerly known as Microplex, then expanded its strength vertically and horizontally to realize the potential of internal synergies. Now, the group is restructured bringing together all its companies under the flagship of SKR.

Today, the SKR group manufactures a comprehensive range of agricultural inputs from sowing to harvesting, equipments, motor pumps and have developed new products based on innovative technology. Technology has been at the core of the group's endeavors and offerings. The organization has to its advantage, state of art manufacturing facilities at 4 different locations, cotton ginning and pressing units and also have recently entered in the infrastructure industry.

Having started as a family owned enterprise, the company has evolved into a professionally run global venture. The organization is powered by a dedicated workforce of 200 employees and is destined to make its presence felt on a global platform. ”

JAIVICO™ PHOSPHATE SOLUBILIZING BACTERIA (PSB) CFU count : 1 x 10⁸ per ml (min)

कोशिका संख्या : १ x १०^८ जीवित जिवानु प्रति मि.ली. (न्यु.)

PSB culture contains millions of Soil Phosphate Solubilising Micro-Organism per gram. These Soil Phosphate Solubilising Bacteria stay near the roots & make the phosphorus available to plants from soil as well as fertilizers & increase the production significantly. Phosphorus solubilizing activity is determined by the ability of microbes to release metabolites such as organic acid (lactic acid, malic acid, gluconic acid, fumaric acid, succinic and acetic acid). Phosphorus solubilizing ability of PSB has direct correlation with pH of the medium.

DOSAGE :

Seed Treatment : Mix 8-10 ml. of Jaivico PSB with sufficient quantity of water and jaggery to make a slurry and treat 1.0 Kg of seeds. Shade dry the seeds for half an hour before sowing.

Soil Treatment : Mix 800-1000 ml of Jaivico PSB with 35-40 kgs of Farm Yard Manure (FYM). In the absence of FYM, soil of the field can also be used. Broadcast in 1 acre of land before last ploughing or after first irrigation.

Seedlings Treatment : Mix 100 ml of Jaivico PSB in 10 lit. of water and dip the seedlings root for 20 – 30 minutes before transplanting the seedling.

TARGET CROPS : It can be used for crops like Cereals (Wheat, Paddy, Maize, Barley), Pulses (Soybean, Green gram, Chickpea, Black gram, Pigeon pea), Oil seeds (Sunflower, Ground Nut, Mustard, Coconut, Safflower), Fibrous (Cotton, Jute), Vegetables, Fruit and Plantation crops

Packing: 1 liter, 500ml, 250ml



JAIVICO™ RHIZOBIUM CFU count : 1 x 10⁸ per ml (min)

कोशिका संख्या : १ x १०^८ जीवित जिवानु प्रति मि.ली. (न्यु.)

These micro-organisms live in association with the roots of leguminous plants in the form of root nodules, fix the atmospheric Nitrogen in the roots & make it available to plants. It encourages early and better seed germination, increases root and shoot growth, reduces dosage requirement of nitrogenous fertilizers and increases grain yield.

DOSAGE :

Seed Treatment: Mix 8-10 ml. of Jaivico Rhizobium with sufficient quantity of water and jaggery to make a slurry and treat 1.0 Kg of seeds. Shade dry the seeds for half an hour before sowing.

Soil Application: Mix 800 - 1000 ml of Jaivico Rhizobium with 35-40 kg of Farm Yard Manure (FYM) thoroughly, broadcast this mixture in 1 acre of land before last ploughing or after first irrigation.

TARGET CROPS: It can be used for all Leguminous crops – Chickpea, Groundnut, Soybean, Beans, Lucern, Blackgram, Greengram, Cowpea, Pigeon pea, Lentils, fodder legumes etc.

Packing: 1 liter, 500ml, 250ml



JAIVICO™ (VAM Biofertilizer) 3,00,000 IP

जैविको (वॅम बायो फर्टीलायझर) ३,००,००० आय पी

Jaivico VAM Bio-Fertilizer is a unique mixture of mycorrhizal culture blended with optimum quantity of growing substrate consisting of Humic Acid, Naturally derived phyto compounds and Amino Acid in a fine Powder formulation designed for overall root and plant growth.

Crops Recommended :

Tomato, Brinjal, chilli, Capsicum, Onion, Potato, Cucumber, Peas, Melons, Gherkins, Cotton, Groundnut, Sugarcans, Soybean, Banana, Grapes, Citrus, Pomegranate, Tobacco and other crops.

Application Method : Broadcasting.

Dosage : 4 kg/ acre

Benefits : Better root establishment and stress tolerance. Increase the nutrient uptake and water absorption. Higher and better quality yield.

General direction for use:

The contents of the packet are sufficient enough to be broadcasted on the specified crops as denoted on the packet. Use before the expiry date and do not expose to direct sunlight or heat. Bio-Fertilizer is not a chemical fertilizer hence do not mix inoculated seeds with agrochemicals. Store in Cool, Dry Place away from Direct Sunlight & Heat.

Packing: 4 kg Bucket



JAIVICO™ POTASH MOBILIZER (KMB) CFU count : 1×10^8 per ml (min)

कोशिका संख्या : 9×10^6 जीवित जिवानु प्रति मि.ली. (न्यु.)

Potash Mobilizing Bacteria plays a vital role in the formation of amino acids and proteins from ammonium ions, which are absorbed by roots, from the soil. It is also responsible for the transfer of carbohydrates, proteins, etc. from the level to the roots. It also plays a vital role in the uptakes of other elements particularly nitrogen, phosphorus and calcium, Potash Mobilizing Bacteria regulates the permeability of the cellular membrane.

TARGET CROPS : Cereals like Paddy, Wheat, Millet, Vegetables namely Cabbage, Cauliflower, Pea, Bean, Brinjal, Chilly, Onion, Potato, Leafy vegetables, Tomato, Flowering plants and Fruit crops; Grapes, Citrus.

Packing: 1 liter, 500ml, 250ml



JAIVICO™ ZINC SOLUBILIZER (ZSB) CFU count : 1×10^8 per ml (min)

कोशिका संख्या : 9×10^6 जीवित जिवानु प्रति मि.ली. (न्यु.)

Zinc plays major role in carbohydrate metabolism, both in photosynthesis and in the conversion of sugars to starch, protein metabolism, auxin - growth regulator, metabolism, pollen formation, the maintenance of the integrity of cell wall and the resistance to infection by certain pathogens. Zinc solubilizing bacteria produces organic acids and converting the insoluble zinc sulphide, Zinc oxide and Zinc carbonate into available Zn^{+2} through lowering the soil Ph and breaking down the complexity and increase the crop yield and soil health.

TARGET CROPS : Sugarcane, Oil Seed, Corn, Rice, Wheat, Cotton, Citrus, Paddy, Pulses, Pomegranate, Ginger, Sorghum and most Orchard crops.

Packing: 1 liter, 500ml, 250ml



JAIVICO™ AZOSPIRILLUM CFU count : 1×10^8 per ml (min)

कोशिका संख्या : 9×10^6 जीवित जिवानु प्रति मि.ली. (न्यु.)

Azospirillum is an associated aerophilic micro-organism which fixes the atmospheric nitrogen and makes it available to the plants. These comma shaped bacterial cells containing large amount of lipid granules inside its cells enters the cortical cells of the root and fix atmospheric nitrogen considerably and also produce plant growth promoting substances that increases plant growth and yield. Azospirillum colonization is mainly on the root surface, enhance mineral and water uptake. They also conserve water in field.

TARGET CROPS : It can be used for crops like Cereals (Wheat, Paddy, Maize, and Barley etc.), Cotton, Sugarcane, Rice, Millets (Jowar, Bajra, etc.), Mono cot vegetables (Onion, Garlic), and Fruit plants (Pineapple)

Packing: 1 liter, 500ml, 250ml



JAIVICO™ AZOTOBACTOR CFU count : 1×10^8 per ml (min)

कोशिका संख्या : 9×10^6 जीवित जिवानु प्रति मि.ली. (न्यु.)

This microorganism fixes the atmospheric nitrogen and makes it available to plants in a symbiotic manner. It encourages better seed germination, improve disease resistance, improve soil health and soil fertility. These cells on reaching the soil gets activated and produces fresh batch of active cells. They are known to secrete various growth promoting substances like IAA, Gibberellic acid, cytokinins and vitamins which promote seed germination thus giving vigor to plant to get luxuriant growth.

TARGET CROPS : It can be used in crops like Wheat, Paddy, Maize, Cotton, Potato, Sunflower, Mustard, Maize, Millets, Vegetables, Grapes, Banana, Pomegranate, Oranges, Tea, Coffee, Cereals, Oilseeds.

Packing: 1 liter, 500ml, 250ml



COMMON DOSAGE FOR ALL THE ABOVE PRODUCTS

Seed Treatment : Mix 8-10 ml. with sufficient quantity of water and jaggery to make a slurry and treat 1.0 Kg of seeds. Shade dry the seeds for half an hour before sowing.

Seedlings Treatment : Mix 8 - 10 ml in 1 lit water. Seedlings are to be dipped in this solution for 30 minutes before transplanting.

Soil Application : Mix 800 - 1000 ml/acre with 35 - 40 kgs of Farm Yard Manure, after thoroughly blending. Broadcast in 1 acre of land before last ploughing or after first irrigation

Drip Irrigation : Mix 800 ml - 1.0 lit/acre in 100 lit. of water and irrigate the field through drip irrigation.

CROP-TRICO™ *Trichoderma viride* 1.00% WP (Biological Fungicide)

ट्रायकोडर्मा विरिडे १.०० प्रति. घुलनशील पाउडर (1 x 10⁸ सी एफ यू / ग्रा न्यू.) जैविक फफूंदनाशक

The soil consists of many harmful fungi that not only spreads various diseases but also diminishes the fertility of the soil. CROP TRICO is a biological fungicide based on *Trichoderma viride*/*Trichoderma harzianum*. This inhibits various harmful fungal pathogens and protects the plants from a wide range of fungal diseases.

DOSAGE:

SEED TREATMENT: mix 4-5 gm of CROP TRICO culture in required quantity of water and gently apply to the seeds. Shade dry before sowing.

SOIL TREATMENT: Mix 25-50 gm of CROP TRICO culture in 25 kg of organic/farmyard manure and keep aside for 2 days and then broadcast in the field.

NURSERY: 250 gm of CROP TRICO culture and spray it over area of 400 sq.meters.

FOLIAR SPRAY: Mix 2 kg CROP TRICO culture in 200-250 liters of water and spray over one acre crop area.

HORTICULTURE CROPS: For mango, Citrus, grapes, papaya, banana, amla etc. Big Trees: @ 20-30 gm per tree ; Small Plants:@ 5-10 gm per plant.

CROP	FUNGUS	CROP	FUNGUS
Cotton (Wilt)	Fusarium vasinfectum	Sugarcane (Red rot)	Colletotrichum falcatum
Groundnut (Tikka disease)	Cercospora personata	Wheat (Black stem rust)	Puccinia graminis tritici
Jowar (Downy mildew)	Sclerospora sorghii	Citrus (Brown spot)	Alternaria alternata
Potato (Early Blight)	Alternaria solani	Citrus (Damping off)	Pythium spp.
Potato (Late blight)	Phytophthora infestans	Citrus (Wilt)	Fusarium spp.
Paddy (Leaf spot)	Helminthosporium oryzae		

PACKING: 500 gm, 1 kg



CROP-SAFE™ *Pseudomonas fluorescens* 1.15% WP (Biological Fungicide)

पस्युडोमोनास फ्लोरेसेन्स १.१५ प्रति. घुलनशील पाउडर (1 x 10⁸ सी एफ यू / ग्रा न्यू.) जैविक फफूंदनाशक

The soil consists of many harmful fungi that not only spreads various diseases but also diminishes the fertility of the soil. CROP-SAFE is a biological fungicide based on *Pseudomonas fluorescens*. This inhibits various harmful fungal pathogens and protects the plants from a wide range of fungal diseases.

BENEFITS:

- Increases the permeability of Aluminium and Silicon
- Helps to increase the number of tillars and fruit branches.
- Increases the solubility of phosphorous that helps the other elements to generate more energy and carbon.
- Increases the percentage of nitrogen fixing nodes on legume crops.
- It secretes antibiotic substances that help in the control of diseases and pests.
- Aids in uniform and fast germination and secretes hormones that are vital for healthy plant growth.

DOSAGE:

SEED TREATMENT: Mix 4-5 gm of CROP-SAFE culture in required quantity of water and gently apply to the seeds. Shade dry before sowing.

SOIL TREATMENT: Mix 25-50 gm of CROP-SAFE culture in 25 kg of organic/farmyard manure and keep aside for 2 days and then broadcast in the field.

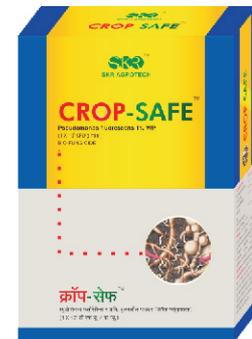
NURSERY: 250 gm of CROP-SAFE culture and spray it over area of 400 sq.meters.

FOLIAR SPRAY: Mix 2 kg CROP-SAFE culture in 200-250 liters of water and spray over one acre crop area.

HORTICULTURE CROPS: For mango, Citrus, grapes, papaya, banana, amla etc. Big Trees: @ 20-30 gm per tree ; Small Plants:@ 5-10 gm per plant.

CROP	FUNGUS
Sugarcane, paddy	Sheath blight
Sugarcane, paddy	Leaf spot
Paddy	False smut
Cotton, toor, chana, tomato	Root rot, Wilt and Leafspot
brinjal, chilli, cabbage, paddy	
Potato, Turmeric, Cabbage	Mildew
Ginger, Turmeric, Carrot, Tomato	Root rot

PACKING: 500 gm, 1 kg



CROP CILIUM™ Verticillium lecanii 1.15% WP (Biological Insecticide)

वर्टिसीलियम लकानी १.१५ प्रति. घुलनशील पाउडर (1 x 10⁸ सी एफ यू / ग्रा न्यू.) **जैविक कीटनाशक**

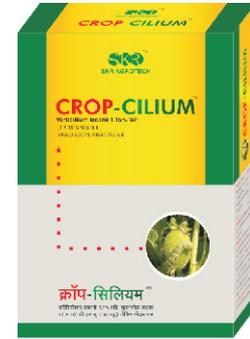
CROP CILIUM a biological insecticide, is an effective IPM tool for the control of various sucking pests on a wide range of crops. Being Eco-friendly it is beneficial to the friendly insects and preserves the bio- diversity and helps to maintain and multiply friendly pests that that serve as a natural enemy for the harmful ones.

MODE OF ACTION: The spores of **CROP CILIUM** when in contact with the cuticle penetrates into the target pest. The spores multiply in the body of the target pests and secretes substances that makes the pest inactive, inhibits its feeding capacity and finally they succumb to this biological action.

DOSAGE: Mix 5-7 gm **CROP CILIUM** in 1 liter of water and spray on the crops. In case of persistence of the pest apply after an interval of 7 days. For Soil application mix 1 kg CROPFIT with 50 kg FYM to broadcast over an area of 1 acre. Do not mix it with other chemical pesticides/insecticides/fungicides.

TARGET PEST	CROP	TARGET PEST	CROP
White fly, termites, thrips,	Cotton	Groundnut	White fly, jassids
Aphids, Jassids		Grapes/Pomegranate	Mealy bug
Fruit Borer	Paddy	Oil Seeds	Aphids
Brinjal, Okra	Termites	Greenhouse Crops	Aphids
Sugarcane	White fly, Aphids		

PACKING: 500 gm, 1 kg



CROP BE-BA™ Beauveria bassiana 1.15% WP (Biological Insecticide)

बवेरिया बैसियाना १.१५ प्रति. घुलनशील पाउडर (1 x 10⁸ सी एफ यू / ग्रा न्यू.) **जैविक कीटनाशक**

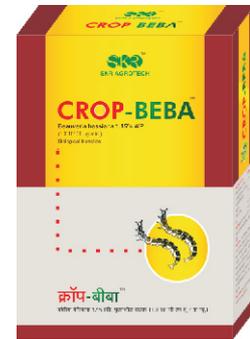
CROP-BE-BA a biological insecticide, is an effective IPM tool for the control of bollworm, cutworm, spodoptera, pod borers, shoot borers etc. It provides natural control over the target pest and is safe for the environment and friendly insects.

MODE OF ACTION: The spores of **CROP-BE-BA** when in contact with the cuticle penetrates into the target pest. The spores multiply in the body of the target pests and secretes substances that makes the pest inactive, inhibits its feeding capacity and finally they succumb to this biological action.

DOSAGE: Mix 5-7 gm **CROP-BE-BA** in 1 liter of water and spray on the crops. In case of persistence of the pest apply after an interval of 7 days. Do not mix it with other chemical pesticides/insecticides/fungicides.

TARGET PEST	CROP	TARGET PEST	CROP
Spodoptera	Soyabean	DBM	Cauliflower
Bollworm/Cutworm	Cotton	Borer	Corn
Pod Borer	Brinjal, okra, toor, green gram, black gram, bengal gram	Berry Borer	Coffee
		Stem Borer	Paddy, Sugarcane

PACKING: 500 gm, 1 kg



CROP NEEM™ Neem Seed Kernel based Insecticide 1500,3000, 10000, 50000 ppm

क्रॉपनीम नीम बीज युद्धा पर आधारित कीटनाशक १५००, ३०००, १००००, ५०००० पी.पी.एम.

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

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

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

PACKING: 250 ml, 500 ml, 1 ltr.



CROP STRONG High Concentrate Energy booster for Plants

क्रॉप स्ट्रॉंग

Crop Strong is a high quality hormone based product which is very useful for the nutrient management of various fruit ,vegetables and other cash crops.

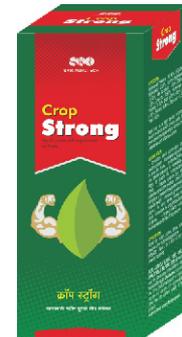
ADVANTAGES:

- Stimulates seed germination and seedling growth. - Causes auxiliary stems to grow and flower. - Promotes fruit set and retards yellowing for vegetables. - Helps to absorb the transplantation shock. - Imparts uniform size and attractive color to the produce. - Useful for increasing the fruit size & weight. - Increases growth of all parts of the plant, stems, leaves and roots. - Increases the drought resistance of plants. - Imparts luster, colour, freshness and shelf life of the produce.

APPLICATION: Useful for cotton, pulses, citrus, chilli, banana, other fruits and vegetables.

DOSAGE: Dilute 4 to 5 ml in 15 litre of water for spraying.

PACKING: 25 ml, 50 ml, 100 ml.



CROP-WIN Seaweed Power for profuse Plant Growth

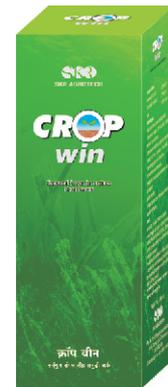
क्रॉपविन समुद्री अर्क से बनाया गया उत्पाद

Advantages:

- Activate Root zone development.
- Improves sugar (brix scale), imparts uniform color & size.
- Increases resistance against diseases.
- Helps in the increase the yield by Promoting optimum utilization of Bio chemical elements.
- Helps in the supply of nutrients during periods of plant growth.
- Helps to increase the water retention capacity of the soil.

Dose: Spraying : 25 ml per 15 liters of water Drenching: 40-45 ml per 15 liters of water

PACKING: 250 ml, 500 ml, 1 ltr.



CROP MINO A Combination of L-Series amino Acids

क्रॉपमिनो विभिन्न एक-सीरीज एमिनो एसिड्स का मिश्रण

CROP MINO is a combination of various L-series Amino acids that are vital for activating plant processes and offer robust plant growth.

ADVANTAGES:

Activates photosynthesis & generates healthy flowers & more buds. Activates fruit formation process & enhances the possibility of forming fruit in every bud. Maintains the sugar percentage in fruits. Ensures more carbohydrate assimilation & optimum utilization. Helps to upgrade the quality of fruits like- colour, lustre, taste & shelf-life. If applied during the initial bud formation stage, it ensures the second bloom with the same intensity. Helps to activate various enzymatic plant processes. - Increases the capacity of plant to uptake more nutrients.

Dose:

Foliar Spray: 1 to 1.5 ml **Crop Mino** in 1 liter of water to spray on crops various stages of Plant growth.

Soil Treatment: 1.0 to 1.50 liter per hectare.

PACKING: 250 ml, 500 ml, 1 ltr.



CROP-BOOST Combo Product for better yield

क्रॉपबूस्ट विभिन्न पौध विकास तत्वों से समायोजन से बनाया गया उत्पाद

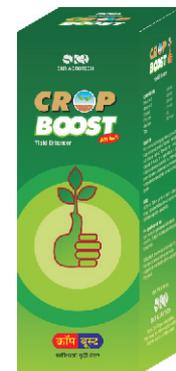
CROP BOOST is a combination of various naturally derived plant growth promoting element like Humic Acid, Amino Acids, Seaweed extract and Fulvic Acid that ensure vigorous plant growth and helps to increase the produce.

BENEFITS: It multiplies cell division, induces flowering and prevents dropping of flowers. It is highly effective in bud initiation and increasing the fruit size. It stimulates plant metabolism, activates root zone formation & catalyses various plant processes that are vital for healthy, balanced and productive plant growth.

CROPS: Cotton, Soyabean, Paddy, Citrus fruits, Banana, Papaya, Grapes, Pomegranate, Tomato, Brinjal, Okra, Turmeric, Ginger, Leafy vegetables, cereals, pulses, oil seeds and greenhouse crops.

DOSE: @ 2.5 ml - 3.00 ml per liter of water to spray on crops, 2-3 times at 20 days interval. It can be mixed with other fungicides & insecticides.

PACKING: 250 ml, 500 ml, 1 ltr & 5 ltr.



CROP-HUME Organic Humic Extract (Rootzone Promoter)

क्रॉपह्यूम अन्नतत्व ग्रहण करने वाली सफेद जड़ों के विकास हेतु ह्यूमिक एसिड १५%

CROP HUME increases the availability of nutrients to the plant, promotes quick and uniform germination & helps to improve the quality and quantity of produce. It accelerates photosynthesis and improves resistance towards diseases. Improves colour, luster, taste of fruits and vegetables. Helps crop to cope up in drought. Improves germination and promotes uniform growth of plants.

Crops: It can be used on all types of crops and soils.

Dose: Foliar spray: 5 ml CROPHUME per liter of water at flowering and growth stages of the crop.

Drip Irrigation: 1 liter per acre. Dipping: 5 ml per liter of water. **Seedling/Root dipping:** 5-10 ml per kg. of seed with sufficient quantity of water. **Seed Treatment:** Mix 5-10 ml CROPHUME in small quantity of water and gently rub over 1 kg of seeds. Shade dry and sow immediately.

Shake well before use. FOR AGRICULTURAL USE ONLY.

PACKING: 250 ml, 500 ml, 1 ltr., 5 ltr.



CROP-HUME + Potassium Humate 98% Technical

क्रॉपह्यूम+ अन्न व सूक्ष्म अन्न द्रव्यांचा भरपूर पुरवठा संजिवके, एन्झाईम व फोटोसिन्थेसिस प्रक्रियेस चालना

HOW TO USE:

Mix 75 to 100gm. Humass with 200 liters of water to spray on crops or through drip irrigation.

MODE OF ACTION:

- Binds the nutrients available in the soil.
- Improves the root zone development.
- It promotes the process of nutrient uptake.
- Helps improve the soil structure and also removes harmful toxins from the soil.
- Improves the water holding capacity of the soil.

PACKING: 250 gm, 500 gm, 1 kg



CROP MAX Growth Promoting Granules For Soil Application

क्रॉप मॅक्स जमिनी द्वारे वापरण्यासाठी पिक वृद्धीकारक

Crop Max is a ideal product for soil application in granular form containing a wide range of growth stimulators and fungal pathogen inhibitors that can be used as a basal dose.

ADVANTAGES:

- Crop Max increases the percentages of white roots.
- Crop Max increases the availability of nutrients to the plant by way of increased absorption from the soil.
- Crop Max initiates profuse root zone making the plant healthy.
- Crop Max initiates the activity of beneficial micro organisms in the soil.
- Crop Max strengthens the internal defence mechanism of the plant.
- Crop Max promotes germination.
- Crop Max increases the water retention capacity of the soil.

DOSE: For all field crops 10 kg per acre and for Oranges 250 gm per plant

PACKING: 10 kg



CROP CHIPKO Sticker and Spreader

क्रॉपचिपको किसी भी घोल को पत्तों पर चिपकानेवाला स्प्रेडर एवं स्टिकर

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

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

APPLICATION & DOSE: Spray solution: 50 ml Crop Chipko for 200 liters of spray solution. In rainy Season: 100 ml for 200 liters solution. Soluble Fertilizers: 500 ml per tank. Drip unit Cleaning: 500 ml before stopping drip.

PACKING: 250 ml, 500 ml, 1 ltr.



Single Nutrients



DHAN MAG™ (Magnesium Sulphate)

Magnesium 9.6% + Sulphur 12%

Benefits: Dhan Mag is highly effective to increase the percentage of chlorophyll in the leaves making them green & healthy resulting in healthy & robust plant growth. It also helps in the translocation of P (Phosphorous) to various parts of the plant

Dose:

Foliar: Cotton- 10-15 gm/lit; Citrus Fruits- 10 gm/lit; Vegetables- 5-10 gm/lit; Banana- 10-15 gm/lit; Oil Seeds & Pulses- 5-10gm/lit; Flower Plants- 5-6 gm/lit; Cereals- 5-8 gm/lit.

First spray 20-25 days after sowing/transplantation. After that 2 applications at an interval of 10-15 days.

Soil Application : For field crops apply 10-15 kg Dhan Mag per acre.

For plantations apply 175 - 200gm per tree per annum.

Packing: 1 kg, 5 kg, 10 kg, 25 kg



DHAN MAN™ (Manganese Sulphate)

Manganesse 30.5% + Sulphur 17%

Benefits: Dhan Man plays an important role in photosynthesis. It respiration, protein synthesis and maintains the hormone level in plants. Increases plant resistance against root rot & fungal diseases.

Crops: Wheat, Potato, peas, onion, fruits, vegetables.

Dose:

Foliar : Dissolve 1.5 - 2.0 gram Dhan Man in per liter of water to spray on crops 30 days after germination. Repeat the sprays at 20 days interval. Three applications are recommended

Soil Application: Apply 15-20 kg Dhan Man per acre.

Packing: 1 kg



DHAN COP™ (Copper Sulphate)

Copper 24% + Sulphur 12%

Benefits : Dhan Cop overcomes copper deficiency in plants and helps in the control of downy & powdery mildew disease.

Crops : Cereals, maize, wheat, peas, cabbage, onion, pepper, tomato, apple, grapes etc.

Preparation of 1% Bordeaux Mixture

Dissolve 1 kg Dhan Cop in 50 liters of water and 1 kg. of Calcium carbonate / any lime source in 50 liters of water in separate containers. Pour this mixture of both the containers into a third container and mix continuously till the solution becomes neutral.

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



DHAN ZINC™ Zinc Sulphate Hepta Hydrate

Zinc 21% + Sulphur 10%

Benefits : Dhan Zinc is crucial in promoting growth hormones and starch formation. It is required by several enzyme systems and auxines. It plays a vital role in protein synthesis and also helps to improve the disease resistance capacity of the crop.

Crops: Paddy, Cotton, Pulses, Cereals, Oil seeds, all types of vegetables, Citrus fruits, Papaya, Banana, Grapes, Pomegranate and Green house crops.

Dose:

Foliar: Dissolve 2-3 gram Dhan Zinc in per liter of water to spray on crops.

Soil Application : Apply 5kg per acre for cereals, pulses, oil seeds, Wheat, Vegetables and 10 kg per acre for Sugarcane. For horticulture crops apply 50-75 gm per plant once in six months.

Packing: 1 kg, 5 kg, 10 kg



DHAN FERRO™ (Ferrous Sulphate)

Ferrous 19% + Sulphur 10.5%

Benefits: Dhan Ferro is important in photosynthesis and is also involved in the carbohydrate break down process. It aids in organic acid metabolism and biological nitrogen fixation hence its application ensures normal growth and better yield.

Crops: Maize, cabbage, sugarcane, groundnut, citrus fruits, apple, grapes, sorghum, soyabean, strawberry etc.

Dose:

Foliar: Dissolve 2.5 gram Dhan Ferro in per liter of water to spray on crops.

Soil Application : Apply 10-15 kg Dhan Ferro per acre.

Packing: 1 kg, 5 kg, 10 kg



DHAN SULF™

Sulphur 90%

BENEFITS: Helps in chlorophyll formation in leaves. Optimizes the Nitrogen utilization efficiency. Increases the shelf life of the fruits/ crops. Increases resistance against fungal diseases. Improves soil pH and in turn increases availability of phosphorous, iron & zinc. Helps in reclamation of alkaline, calcareous & sodic soils. Increases the percentage of oil & proteins in crops. Helps to increase yield.

Dose :

Crops	Dose (kg/acre)
Cereals	:10-15
Cotton, Tomato, Other vegetable crops	:15-20
Oil Seeds & Pulses	:20-25
Onion, Garlic, Banana, Potato	:25-30
Sugarcane, Grapes, Citrus fruits	:30-35

Packing: 5 kg, 10 kg



DHAN BOR™ Boron (as B) 20%

Di-Sodium Octaborate Tetra Hydrate

BENEFITS: Dhan Bor is a concentrated Boron fertilizer that is readily soluble in water. It is a multi-function source of Boron that can be applied directly or mixed with other fertilizers, pesticides etc., as foliar spray or through drip irrigation. It helps to control the flower shedding. Its application increases the sweetness, size, colour and yield of the crop. Boron is a vital element the promotes pollination thereby increasing the percentage of flowers.

Crops: All types of cereals, pulses, oil seeds, vegetable crops, fruit crops and green house crops.

Dose:

Foliar: Dissolve 1.0 gm Dhan Bor in per liter of water to spray on crops. First spray just before flowering and the second spray after an interval of 10-12 days.

Drip Irrigation: 250 gm Dhan Bor is sufficient for 1 acre crop area.

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



Chelated Zinc EDTA (Zinc as Zn 12%)

Dhan Chel Chelated Zinc EDTA (12%) get quickly absorbed in the plants being readily soluble in water. It ensures fast action, better penetration and optimal result on a wide range of crops.

- Benefits :**
- It Helps in the conversion of carbonic acid into carbon and water.
 - Aids the distribution of phosphorous and accelerates protein formation.
 - Optimises the function of hormones that are vital for opening of buds and formation of fruits.
 - Helps to increase the number and size in tuber crops like potato, onion, garlic, sweet potato etc.

Rate of Application : **Foliar:** Dissolve 0.50 to 1.0 gram Dhan-Chel Zinc EDTA per liter for foliar application. Use 500gm to 1 kg per spray per hectare for standing crops.

Drip: Use 1.50 to 2.50 kg per hectare

Recommended Crops: Cotton, paddy, sugarcane, citrus fruits, grapes, pomegranate, banana, all types of vegetables, cereals, pulses and oil seeds.

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



Chelated Ferrous EDTA (Ferrous as Fe 12%)

Dhan Chel Chelated Ferrous EDTA (12%) get quickly absorbed in the plants being readily soluble in water. It ensures fast action, better penetration and optimal result on a wide range of crops.

- Benefits :**
- Being chelated the nutrients are easily soluble and available for plants immediately.
 - Helps in the chlorophyll formation process.
 - Catalyzes the conversion of energy obtained from photosynthesis process into easily soluble nutrients in chemical form.
 - Promotes the activity of Nitrogen fixation bacteria.
 - Helps in physiological plant processes and promotes cell development.
 - Helps in the protein production process.
 - Increases the absorption of Phosphorous by plants.

Rate of Application : **Foliar:** Dissolve 1.0 gram Dhan-Chel Ferrous EDTA per liter for foliar application.

Drip : 300 to 500 gm is sufficient for 1 acre.

Recommended Crops : Cotton, paddy, sugarcane, citrus fruits, grapes, pomegranate, banana, all types of vegetables, cereals, pulses and oil seeds.

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



Mix Micronutrient Fertilizer (Chelated)

Enriched with Amino Acids for Foliar & Drip Application

Dhan-Chel is 100% water soluble mix micronutrient fertilizer in chelated form. The nutrients in Dhan-Chel are readily available for absorption by plants and also help in optimising the usage of other nutrients. It helps and protects the crop from various diseases occurring due to the deficiency of micronutrients. Dhan-Chel helps to increase the production as well as the quality of the produce.

Recommendations for Foliar Application

Crops	Application Rate gm per 15 liters of water
All Fruit Crops	25g - 30g
All Vegetable Crops	15g - 20 g
All Pulses	20g - 25g
Cotton & Soyabean	25g - 30g
Horticulture crops	20g - 25g

Drip Irrigation:
1.0 kg to 1.50 kg Dhan-Chel per acre.

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



Mix Multi Micronutrient Fertilizer for FOLIAR APPLICATION

Manufactured as per norms of various States

Dhan-Plus is a mix multi micronutrient fertilizer containing, zinc, ferrous, copper, manganese, molybdenum and boron that are attributed at micro nutrients essential for balanced plant growth. It is available in liquid as well as powder form.

BENEFITS: Dhan-Plus can be used as foliar application on all crops as per recommendations. It supplies micronutrients in balanced nutrition to plants and takes care of even the hidden hunger which can not be easily seen through symptoms on the crops. It activates various enzyme processes, accelerates photosynthesis generating more chlorophyll to keeps the leaves green and healthy and helps in the optimum utilisation of other major and secondary nutrients to the plant. It increases the yield and the quality of the produce.

DOSAGE AND DIRECTION FOR USE: Foliar: (Liquid Form) Dissolve 500 ml **DHAN-PLUS** in 100 liters of water to spray on leaves. First application 25-30 days after germination and the remaining two at a subsequent interval of 15-20 days each. **Foliar: (Powder Form)** Dissolve 4-5 gram **DHAN-PLUS** in 1 litre of water to spray on leaves. First application 25-30 days after germination and the remaining two at a subsequent interval of 15-20 days each.

Soil Application (Powder Form): 500 gm per acre.

Phytotoxicity: Non-phytotoxic when used as recommended. **Compatibility:** It is compatible with most of the insecticides and fungicides.. (Avoid mixing with chemicals which possess/produces alkaline reaction).

Packing: 1 liter, 5 liter 500 ml, 250 ml and 1 kg, 500 gm, 250 gm,



Mix Multi Micronutrient Fertilizer for SOIL APPLICATION

Manufactured as per norms of various States

Dhan-Plus is a mix multi micronutrient fertilizer containing, zinc, ferrous, copper, manganese, molybdenum and boron that are attributed at micro nutrients essential for balanced plant growth that can be used through soil application. It activates various enzyme processes, accelerates photosynthesis generating more chlorophyll to keeps the leaves green and healthy and helps in the optimum utilisation of other major and secondary nutrients to the plant. It increases the yield and the quality of the produce.

METHOD OF APPLICATION:

Cereals / Pluses/ Oil seeds: 1). Rainfed: 10-15 kg per acre 2). Irrigated: 20-25 kg per acre

Cash Crops: Cotton, Sugarcane, Paddy : 10-15 kg per acre.

Vegetable Crops: 1). Leafy Vegetables: 5-7 kg per acre. 2). Fruit bearing vegetables: 20-25 kg per acre.

Horticultural Crops: 1). Orchards with yearly produce like papaya: 20 kg per acre. 2). Other orchards like grapes, pomegranate, guava, mango, citrus fruits, banana etc.: 30-35 kg per acre

Packing: 10 kg and 5 kg bag



Dhan Micro Amino Acid based Micronutrient Fertilizer Mixture

धन माईक्रो माएमिनो एसिड युक्त सूक्ष्म अन्नतत्व उरवरक मिश्रण

Dhan Micro is manufactured using high technology that contains micro nutrients enriched with Amino Acids which help in vigorous and healthy development of the crop.

Advantages:

- Dhan Micro contains Nitrogen in organic form and supplies essential micronutrients in easily available form to the plants. - It helps in the better respiration function. - Strengthens the plant to fight against stressful natural conditions. - Promotes pollination and helps in fruit set. - Accelerates photosynthesis generating more chlorophyll in the leaves. - Stimulates hormones and activates other elements that are vital for healthy plant growth. - Corrects the deficiency of micronutrients ensuring healthy growth. - Being derived from natural sources it is not harmful to the plant even when used in large quantities.

Dosage: Dissolve 2.0 to 3.0 gram Dhan Micro in per liter of water to spray on crops. 250 to 500 gm Dhan Micro is sufficient for 1 acre crop area. Use 2 to 3 times during critical stages of plant growth.

Compatibility: Compatible with commonly used pesticides and fungicides except alkaline chemicals.

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



MAHASHAKTI Seeder

MAHASHAKTI Seeder is a unique seeding equipment that saves on cost, time and labour. It suits all types of soils and comes with an double benefit of sowing & fertilizer application at the same time. It increases the seed planting efficiency as compared to manual planting by nearly 4 to 5 times.

Advantages:

- Has an adjustment of sowing 1-3 seeds at a single time.
- Has an adjustment to control the fertilizer from 1gm to 30gm per sowing.
- One person can sow between 1 to 1.5 hectare per day (6 hrs.)
- Easy hand operated functions.
- Easy to assemble and use.
- Light in weight hence easy to lift and transport.
- By ensuring sowing at the same fixed depth, ensures prompt and uniform germination.
- It is ideal for Cotton, Soyabean, Maize and Toor.



Dhenu Urja (Organic Manure)

Dhenu Urja is a organic material derived from animal, human and plant residues which contains plant nutrients in complex forms.

Product characteristics:

- Dhenu Urja supplies plant nutrients including micronutrients.
- Dhenu Urja improves soil physical properties like structure, water holding capacity etc.,
- Dhenu Urja increases the availability of nutrients.
- Dhenu Urja improves the microbial activity in the soil.
- Carbon dioxide released during decomposition acts as a CO₂ fertilizer.
- Plant parasitic nematodes and fungi are controlled to some extent by altering the balance of microorganisms in the soil.

Dose:

Cotton: 200- 250 kg per acre along with sowing. **Citrus Fruits:** a) 500 gm per plant at transplantation. b). Medium and Big plants : 3-5 kg per plant near the root zone. ; **Vegetable Crops:** 150-200 kg per acre ; **Cereals, pulses and oil seeds:** 150-200 kg per acre



Dhenu Varun (Vermi Compost)

Dhenu Varun is a Vermicompost organic manure (bio-fertilizer) produced as the vermicast by earth worm feeding on biological waste material; plant residues. This compost is an odorless, clean, organic material containing adequate quantities of N, P,K and several micronutrients essential for plant growth. Vermicompost is a preferred nutrient source for organic farming. It is eco-friendly, non-toxic, consumes low energy input for composting and is a recycled biological product.

Advantages:

- Improves its physical structure Enriches soil with micro-organisms (adding enzymes such as phosphatase and cellulase).
- Microbial activity in worm castings is 10 to 20 times higher than in the soil and organic matter that the worm ingests.
- Improves water holding capacity.
- Enhances germination, plant growth, and crop yield.
- Improves root growth and structure.
- Enriches soil with micro-organisms (adding plant hormones such as auxins and gibberellic acid).

Dose: Cotton: 200kg per acre along with sowing. **Citrus Fruits:** a) 500 gm per plant at transplantation. b). Medium and Big plants : 3-5 kg per plant near the root zone. ; **Vegetable Crops:** 150 kg per acre ; **Cereals, pulses and oil seeds:** 200 kg per acre



Dhenu Uday (City Compost)

Dhenu Uday is a city compost or munciple compost is generally made by decomposing food waste, green waste from gardens, grass and hedge clippings, prunings with small quantity of compost activators which are microorganisms and enzymes to promote efficient composting.

Silent features:

- **Dhenu Uday** is good soil conditioner rather than a potting compost
- Generally one part of organic manure and three parts of **Dhenu Uday** are recommended in potting and soil applications.
- Ideally suited for kitchen garden, flowering and exotic plants in the urban area.

Dose: 1 kg per plant twice or thrice a year. For field crops, vegetables @ 150-200 kg per acre.



Dhenu Urja Plus (PROM) Phosphate Rich Organic Manure

Phosphate plays a vital role in the balanced nutrition of the plants. Most of the Indian soils are low to medium in their available P content and require external application of Phosphorous for good harvest.

Dhenu Urja Plus is a Phosphate Rich Organic Manure (**PROM**) that is readily assimilable by plants. It is equally effective in acidic as well as alkaline soils. Many observations and field tests have proven that PROM performs at par with DAP or MAP with respect to the crop yield. Hence it is a better, cheaper and yet effective option as compared to chemical fertilizers.

Dhenu Urja Plus can be used on a wide range of cash crops, vegetables, cereals, pulses, oil seeds, fruiting and flower plant on a wide range of soils.

Dose: 150-200 kg per acre.

