

commitment to research...
mankind &
a g r i c u l t u r e

Product Catalogue

ABOUT THE COMPANY

Welcome to Sahyadri Biotech



Sahyadri, the name originates from the great Sahyadri mountain range that covers an area of 160,000 km² in a stretch of 1,600 km parallel to the western coast of the Indian peninsula from Gujarat to Tamil Nadu.

Sahyadri also mentions the fertile deccan plateau, the habitat for millions of farming community for their farming activities.

The driving force for the startup was to encourage and motivate farmers for modern agriculture with scientific views and techniques keeping ancestral roots.

The organization has its foundation roots in October 2006 with a very few scientific apparatuses for basic experiments in a single 10X10 feet room. Since then, the experiments for various product formulae were conducted with series of success and failures. As the aim of our startup was very clear, the products formulated were tested on various crops and locations for their efficacy in terms of benefits in yield and quality of farm produce.

Alongside we conducted various farmer meeting and training programs on farms to educate farmers about importance and need of scientific soil and water testing for optimum use of Agri inputs and other resources keeping soil healthy and fertile.



Vision

“We see soil much more than just a physical medium.... a living, organic unit which forms the basis of crop production.” Preparing ourselves to become a major player in the agro input industry with specific vision in manufacturing organic / botanical origin products for healthy and eternal growth of farms, farmers as well as consumers point of view.



Mission



” We should remember, soil is one of our greatest treasures, it should be cultivated, not just used!” We at Sahyadri Biotech always think soil health, fertility and its conservation on top priority. Our main mission is to make cultivable farms with natural resources and deliver top quality products for their sustainable fertility along with health and deliverable farm produce for the wellbeing of farmers.

Research & Development & Innovation...

We have established a state of the art well equipped R&D laboratory for futuristic product development in sustainable agriculture.

The technology we have developed & continuously developing is able to repair, restore the state of the soil as a growing medium and bring it back to life again. By using our products, an environment friendly, yet economical and safe production can be achieved and as a result, higher yields and more content values from nutrition standpoint



Testing Laboratory

Sahyadri Biotech has its own well equipped and spacious analytical laboratory for inhouse as well as for walk in farmers. We offer testing services for soil, water, Plant tissue as well as various organic and inorganic fertilizers samples.



Products

Sahyadri Biotech, the 9001:2015 certified company has products includes organic manures & fertilizers, Micro Nutrient fertilizers- Straight and Mixed nutrient's, Essential element fertilizers, Biofertilizers, PGPR's, Natural origin storage stability enhancers, Biocides, Soil conditioners and Spray Adjuvants in its bucket list. Botanically derived insects and disease controlling agents are in pipeline....

<ul style="list-style-type: none"> • Organic Manures & Fertilizers <ol style="list-style-type: none"> 1. BioME 2. Vajeer [BioME Gr] • Straight Micronutrient Fertilizer <ol style="list-style-type: none"> 1. Agri solution /Epsom 2. Prosfer-Fe 3. Prosfer- Zn 4. Prosfer- Borax 5. Gromin • Micronutrient Mixture Fertilizers <ol style="list-style-type: none"> 1. Bond 2. Blend [Gr. I 3. Append 4. Excent 5. Blend [Gr. II] 6. Raxaan 7. Braize 8. Altair [Cotton Special] 9. Altair [Tur-Chana-Soya Special] • Straight chelated Micronutrient Fertilizer <ol style="list-style-type: none"> 1. Fertion 2. Zinton 3. • Beneficial Element Fertilizer <ol style="list-style-type: none"> 1. Biocare 2. GeoSil ultra 3. GeoSil Gr • Specialty Micronutrient Fertilizer <ol style="list-style-type: none"> 1. Pollina 2. Calci-11 • Bio Fertilizers <ol style="list-style-type: none"> 1. Neoprime 2. VamPro 3. Bhudhan a) Bhu-Sanjivani [Azotobacter] b) Bhu-Sanjivani [PSB] c) Bhu-Sanjivani [KMB] d) Bhu-Sanjivani [ZSB] 	<ul style="list-style-type: none"> • Organic PGPR's <ol style="list-style-type: none"> 1. ZX100 gel 2. Prolix 3. Altair F&V 4. Bloomer 5. Magic pearls 6. Conag 7. Dulcee 8. Ryzom- vegetal 9. Ryzome- ammend 10. Humaxx 11. Activator 12. leader 13. Bahar 14. Gro-10 15. Protomin 16. Proteinex 17. Altair onion special 18. Ryzom 19. Synergy 20. Ecotone • Organic Soil Conditioners <ol style="list-style-type: none"> 1. Actor • Spray Adjuvants <ol style="list-style-type: none"> 1. Triple Action 3 in 1 2. Wet-Set 3. • Botanical immunomodulators & Crop Protectants <ol style="list-style-type: none"> 1. All clean 2. Averte7 3. Bitter Guard • Natural disinfectant biocides <ol style="list-style-type: none"> 1. Nano Cleanser • Non-edible De-Oiled cake fertilizers <ol style="list-style-type: none"> 1. Neem power \ • Crop storage / shelf-life enhancers <ol style="list-style-type: none"> 1. Defendor
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An essential value-added product produced by co-compositing various organic matter with microbial biofertilizers inoculum. A variety of organic materials are processed by controlled and scientific Bio-composting method for breaking up complex organic material into the pure composted manure useful in organic agriculture to restore the health & fertility of agriculture land for better productivity.

Benefits

- ✳ BioME is a biologically prepared, fully matured and Mobilized Organic manure with optimum available carbon and ideal C:N ratio for balanced nutrition
- ✳ It improves soil structure, physical, chemical and biological properties of soil with enhanced water holding capacity and microbial activity.
- ✳ BioME additionally added with beneficial microbes, which proliferates and accelerates the nutrient movement from soil to crops.
- ✳ BioME optimizes soil pH, porosity and helps in correcting salinity with optimum usage.
- ✳ BioME can easily be applied as basal or top dressing separately or along with chemical fertilizers.
- ✳ BioME improves Fertilizers use efficiency & helps in reducing chemical fertilizers usage for healthy and fertile mother soil.

Dosage

- ✳ 0.5 to 0.7 MT BioME per acre for Fruits & Annual crops as top dressing
- ✳ 1.0 to 1.5 MT BioME per acre for Onion, Turmeric, Ginger and other field crops

Compatibility – Compatible with commonly used Agri inputs and fertilizers

Available Packing : 50Kg

BioME

Bio-enriched Organic Manure



AGRI SOLUTION

Magnesium Sulphate

Magnesium is an essential element in the chlorophyll molecule and helps in improving the photosynthetic activities in all type of crops. Being a 100% water soluble form, it is best option to correct Mg deficiencies through foliar & Soil application.

Benefits

- ✳ It is a free flowing, crystalline salt dissolves speedily and completely in water.
- ✳ It contains two important essential Secondary Micronutrients (Mg and S) in a balanced ratio
- ✳ It helps to keep plant leaves green by maintaining chlorophyll levels & thus helps in complete growth
- ✳ It can be mixed and applied along with all other water-soluble fertilizers except calcium fertilizers
- ✳ It has efficient source of soluble Magnesium and Sulphur essential for high-tech production systems

Dosage

- ✳ Foliar application - 3 to 5 gm per Liter of clean water
- ✳ Soil Application – 3 to 5 kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

1 Kg, 25 Kg



Prosfer Fe

Ferrous Sulphate

Prosfer Fe is a soluble and rapidly absorbed iron micronutrient fertilizer in sulfated form. Prosfer Fe has 19% iron content which makes it available to the crops during the growing season and corrects iron deficiency in crops due to various causes.

Benefits

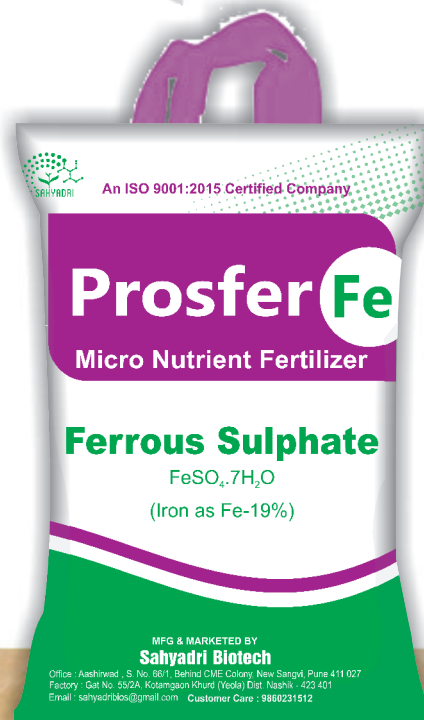
- ✱ It corrects iron deficiency mainly found in calcareous and saline soils.
- ✱ It provides iron in available form that makes leaves green and prevents chlorosis
- ✱ Overall healthy crops growth is obtained due to enhanced photosynthesis & other metabolic activities
- ✱ The crops blossoms with flowers and fruits helping to increase the yield.

Dosage

Soil Application – 10 to 15 Kg with fertilizers or 2 – 3 Kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing 5 Kg, 10 Kg



Prosfer Zn

Zinc Sulphate

Zinc is one of the essential micronutrients and an important constituent of several enzymes and proteins. It is a soluble and rapidly absorbed zinc micronutrient fertilizer in sulfated form. Though needed in small quantities, it is crucial to plant development, as it plays a significant part in a wide range of processes.

Benefits

- ✱ Regulates various metabolic activities like photosynthesis and nitrogen metabolism
- ✱ Involved in production of growth regulating plant hormones viz. Auxins, IAA etc.
- ✱ Zinc regulates flowering and fruit development in critical growth stages of plants
- ✱ Zinc is very essential for both plants & human being's growth & development.

Dosage

- ✱ Soil Application – 10 to 15 Kg with fertilizers or 2 – 3 Kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing - 5 Kg, 10 Kg



Prosfer B Borax

Borax is a micronutrient fertilizer & plays a vital role in all the stages of a plant's Growth & Development. Boron is an element of the cell membrane and is indispensable for cell division. Boron activates pollen germination, Flowering, and fruiting resulting in better seed and fruit set with higher yield.

Benefits

- ✿ Boron is an essential element for all plants and vital to maximizing crop quality and yield.
- ✿ Improves germination, and metabolic processes in plants.
- ✿ Stimulate Flowering, fruiting and seeds setting.
- ✿ Improves size, shape, color and keeping quality in fruits & vegetables

Dosage

- ✿ Soil Application – 3 to 5 Kg with fertilizers or 0.5 – 1 Kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing : 2 Kg, 5 Kg



Gromin Di-sodium Octa Borate Tetra Hydrate

Boron is an essential nutrient required for plants growth and must remain available for plant uptake during the growth period. Boron plays an important role in sugar transport, cell wall development, carbohydrates metabolism, root growth and pollination

Benefits

- ✿ It is a free-flowing essential micronutrient fine powder dissolves rapidly in water.
- ✿ Maintains membrane integrity, cell wall development, permeability and cell division as well as elongation.
- ✿ Helps to induce more flowers, prevents dropping & fruit cracking.
- ✿ Facilitates short & long-distance transport of plant sugars.
- ✿ It is free from harmful elements & corrects Boron deficiencies of crops.

Dosage

- ✿ Foliar application - 1 to 1.5 gm per Liter of clean water
- ✿ Soil Application – 0.5 to 1.0 kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing - 250 gm, 500 gm, 1 Kg



Bond is a unique product of its kind formulated with novel and environmentally safe 100% organic chelating agents and adjuvants for purposeful use in agriculture. The blended organic acids complex the nutrients so that they could release and assimilate effectively in the crop plants. The product also contains inbuilt acidifiers so as to optimize the soil pH and nutrient mobilization efficiently.

Bond

The Drip Master

Benefits

- ✱ Bond is specifically formulated product suitable for drip fertigation for instant recovery of nutrient deficiencies occurred in crops
- ✱ Improves soil structure, corrects pH and translocate nutrients effectively to fulfil nutrient deficiencies
- ✱ The completely chelated micronutrients get assimilated and metabolized by plants for overall growth and productivity
- ✱ Its use accelerates the uptake of primary and secondary nutrients with the help of specific cation exchange phenomenon
- ✱ The usage of Bond improves overall plant growth, tillering, blossom duration, flowering and fruit set useful in higher yield and better quality of crops produce

Dosage

- ✱ Soil Application – 2.5 kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing : 1 Kg, 2.5 Kg, 5 Kg



Blend I

Soil Application micro nutrients

Blend is a micronutrient mixture fertilizer developed for soil application along with NPK fertilizers as a basal dose. It is formulated as per grade-I notified by Maharashtra state. It is specifically blended with silicon base for better results & easy application.

Benefits

- ✱ Blend is specifically formulated with silica silicon for better results & easy application
- ✱ Improves soil structure, corrects pH and translocate nutrients effectively to fulfil nutrient deficiencies
- ✱ Blend fulfills the nutrient balance & uptake of primary and secondary nutrients effectively
- ✱ Blend improves overall plant growth, tillering, flowering and fruit set useful in higher yield and better quality of crops produce

Dosage

- ✱ Soil Application – 10 to 20 kg per acre with convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing - 10 Kg



A novel silicon-based product formulated with organic chelating agents and adjuvants for complete and slow-release use in agriculture. The organic acids complex easily releases the nutrients and assimilates effectively in the crop plants. The product also contains inbuilt acidifiers so as to optimize the soil pH and nutrient mobilization efficiently.

Benefits

- * Append is a product suitable for drip fertigation for instant correction of nutrient deficiencies occurred in crops
- * It improves soil structure, pH and translocate nutrients effectively to fulfil nutrient deficiencies
- * The completely chelated essential micronutrients get absorbed and metabolized by plants for better growth and productivity
- * Its usage improves overall plant growth, tillering, blossom duration, flowering and fruit set useful in higher yield and better quality of crops produce

Dosage

- * Soil Application – 2.5 kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing- 2.5 Kg, 5 Kg

Append
Drip Mix



Excent

Micronutrient mixture Fertilizer

A specially formulated completely chelated water-soluble product as per Grade No. II notified by Govt. of Maharashtra with the state-of-the-art technology for delivering micronutrients with maximum assimilability, bioavailability, tolerability & safety.

Benefits

- * Excent provides organic nitrogen along with micronutrients in chelated form for easy and quick assimilation & utilization by the crops
- * Increases chlorophylls and boosts the metabolism generating phytohormones for healthy and productive crops
- * Excent brings all round healthy growth of plants by easy and quick absorption of micro nutrients due to their chelated form along with Organic Nitrogen from Amino Acids
- * Excent is useful to maximize growth & yield by correcting micronutrient deficiencies in crops like cotton, sugarcane, cereals, pulses, vegetables, fruit crops, floriculture etc

Dosage

- * Foliar Application – 1 to 1.5 gm per liter of clean water or dissolve 250 gms in 200 Liters of clean water & spray on the foliage.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

25 gm, 50 gm, 100 gm, 250 gm, 500 gm and 1Kg



Blend

The complete blend of essential micronutrients

Blend is specially formulated product as the state-of-the-art technology for delivering micronutrients with maximum bioavailability, tolerability & safety in all crops.

Benefits

- ✿ Blend is a scientifically formulated product with organic chelating agents as easy to release technology for better assimilation & metabolism in crop plants.
- ✿ Blend helps to correct pH level in spray solutions making them more effective
- ✿ Blend helps in correcting micronutrient deficiencies in crops & makes them healthy & productive with enhanced disease resistance for better crop & produce
- ✿ Blend is a high-performance product for foliar as well as fertigation purpose.

Dosage

- ✿ Foliar Application – 2.5 to 3 ml of Blend per liter of clean water
- ✿ Soil Application – 2.0 to 2.5 liters of Blend per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing 250ml, 500ml, 1000ml, 5000ml



Raxaan

Chelated Micronutrient Mixture fertilizer for initial plant development

A completely chelated & balanced nutrient mixture of Zinc and Boron with natural Leo- rotatory amino acids for fast and complete uptake and assimilation by the plant cells on foliar application. It also contains essential trace nutrients along with hormone precursors and active enzymes.

Benefits

- ✿ Regulates generation of plant hormones, strengthens overall growth & metabolism in crops.
- ✿ Makes Pollens & Pollen tubes healthy, blooms up flowering & enhances fertility rate.
- ✿ Enhances sugar levels, size & protects fruits from cracking, shape distortion thereby improves shelf life of the produce.
- ✿ Helps plants to overcome adverse effects & shocks of weedicides & insecticides in plant metabolism.

Dosage

- ✿ Foliar Application – 2 to 3 ml per liter of clean water
- ✿ Soil Application – 1.0 to 2.0 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

100ml, 250ml, 500ml, 1000ml, 5000ml



Braize is a unique & novel product of its kind thoroughly researched and formulated with sustainable nutrient release technology, which ensures prime quality nutrient supplement in critical span of crops. Braize is enriched with essential nutrients as per the grade designed by state for foliar application in alkaline soil. Being formulated with innovative and natural blends of complexing agents, the nutrients availability, assimilability and increased metabolism are the main traits of this product.

Benefits-

- ✿ The complete bioavailability of Braize ensures the quick assimilation & translocation of nutrients that induces vegetative, reproductive growth with enhanced photosynthetic activities by manifold
- ✿ Its innovative complexed micronutrients plays key & vital role in physiological and biochemical processes of the plants
- ✿ Improves blossom duration & reduces premature falling of flowers buds and fruits ensuring reduced productivity losses
- ✿ Braize helps to produce supreme quality of fibres, oilseeds, vegetables and fruits with best harvest and shelf life.

Dosage

- ✿ Foliar Application – 2.5 to 3 ml per liter of clean water
- ✿ Soil Application – 1 to 2 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing 250 ml, 500 ml, 1000 ml



Braize XL

The ultimate plant nutrition



ALTAIR

Soya-Tur-Chana Special

Altair is a unique and novel product of its kind specially formulated & enriched with essential nutrients as per Grade-X notified by Govt. of Maharashtra for foliar application in alkaline soil for pulses crop. Altair is an innovative blends of complexing agents from natural sources as adjuvants for better delivery of nutrients.

Benefits

- ✿ Altair provides quickly assimilable chelated nutrients alongwith organic carbon & Nitrogen from natural organic and Amino acids for all round healthy & productive growth of pulces crops
- ✿ Its usage increases secondary branches with more nodes, induces flowering buds & fertilization
- ✿ Altair corrects nutrient deficiencies, accelerates uptake of soil nutrients and boosts the vital activities like photosynthesis, respiration and energy metabolism by providing readymade & assimilable source of nutrition
- ✿ Altair improves overall plant metabolism, improves blossom duration, reduces premature falling of flowers & supress biotic-abiotic stress therby disease resistance
- ✿ Altair helps to produce supreme quality of harvest, grain size, colour & shine.

Dosage

- ✿ Foliar Application – 2.5 to 3 ml per liter of clean water

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing - 250ml, 500ml, 1000ml and 5000ml



ALTAIR Cotton Special

Altair is a unique product specially enriched with essential nutrients as per Grade-XI notified by Govt. of Maharashtra for foliar application in alkaline soil for cotton crop. Its innovative blends of complexing agents as adjuvants deliver nutrients with maximum bio-availability and complete assimilation.

Benefits

- Altair corrects nutrient deficiencies, accelerates uptake of soil nutrients and boosts the vital activities like photosynthesis, respiration and energy metabolism by providing ready made & assimilable source of nutrition
- Altair induces vegetative and reproductive growth by activating enzymes, metabolic processes and thereby phytohormone synthesis.
- Altair improves overall plant metabolism, blossom duration & reduces premature falling of flowers and cotton balls
- Altair helps to produce supreme quality of fibres & overall marketable yeild of cotton

Dosage

- Foliar Application – 2.5 to 3 ml per liter of clean water

Compatibility –

Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

250ml, 500ml, 1000ml and 5000ml



Ferton

Ferrous EDTA 12%

Ferton is an ideal and most promising straight chelated nutrient fertilizer with guaranteed content of Ferrous 12% in the form of Fe-EDTA chelate. Ferton is readily and speedily assimilated by plants by means of roots as well as foliage on its application. Ferton Helps in chlorophyll formation and plays a crucial role in oxido-reduction reactions. It is used as a quick nutrient source to overcome Iron deficiency in plants, as well as source of Iron for those crops which require it for their normal growth and higher yields.

Benefits

- Ferton Stimulates and regulates enzyme reactions for growth and development of crops, as iron activates several enzymes involved in physico chemical reactions.
- As part of chlorophyll, triggers its formation making healthy greenish leaves.
- Ferton application corrects iron deficiency, overcomes chlorosis, and thereby boosts overall growth and yield in all crops
- Ferton reduces diseases occurrence due to deficiency of iron.

Dosage

- Foliar Application – 1 to 1.5 gm per liter of clean water
- Soil Application – 500 to 1000 gms per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

100 gm, 250 gm and 500 gm



Zinton is an ideal and most promising straight chelated nutrient fertilizer with guaranteed content of zinc 12% in the form of Zn-EDTA chelate. Zinton is readily and speedily assimilated by plants by means of roots as well as foliage on its application. It is used as a quick nutrient source to overcome Zinc deficiency in plants.

Benefits

- ✿ Zinton is quickly & easily absorbed, assimilated and translocated within the plants.
- ✿ Zinton increases phosphorous uptake and its content of the shoots in plants
- ✿ Zinton ensures optimal utilization of Zinc for better growth and sustainable higher productivity in all crops
- ✿ It ensures that the plant gets the maximum amount of needed Zinc with in the shortest possible time
- ✿ It increases the plants resistance to diseases and roots growth rate, reduces the intensity of chlorosis, flower and fruit drop

Dosage

- ✿ Foliar Application – 1 to 1.5 gm per liter of clean water
- ✿ Soil Application – 500 to 1000 gms per acre with Drip or any other convenient method for proper and even application.

Compatibility –

Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

100 gm, 250 gm and 500 gm



BioCare

Sulphur 90% WDG Fertilizer



Biocare contains 90% Sulphur formulated in Water dispersible granule (WDG) which has a 2–4 micron particle size of Sulphur. The wdg form allows quick dispersion in water and soil giving faster and more efficient Sulphur uptake. Being faster and efficient dispersion, it is effective at very low application dose as compared to traditional Sulphur fertilizer.

Benefits

- ✿ Reduces soil pH, improves nutrients uptake, soil health & productivity
- ✿ Enhances root nodulation in legumes and thereby nitrogen-fixation
- ✿ Activates enzymes & synthesis of Proteins, Oils and Vitamins through biochemical reactions
- ✿ Helps in minimizing lodging of crops and increases overall crop yield with superior quality end marketable produce.

Dosage

Soil Application –

- ✿ 3 to 6 kg per acre with or without fertilizers as soil broadcasting mixture
- ✿ 3 kg per acre at a time via drip irrigation

Compatibility – Compatible with commonly used Agri inputs and fertilizers

Available Packing

1Kg, 3Kg



GeoSil ultra

Ortho Silicic Acid-2%

GeoSil ultra contains beneficial element Silicon, which Improves resistance to water stress and helps plants to fight temperature stress up to 41°C. It also increases reproductive rate in plants. Silicon in plants helps to increase the tolerance to zinc deficiency.

Benefits

- GeoSil ultra provides resistance to nutrient and climatic stress.
- Spray of GeoSil ultra reduces fungus infestation by preventing hyphae from penetrating leaf surface.
- It helps plants to resist toxicity from high levels of Phosphorus, Manganese, Aluminum, Sodium and leaching of nitrogen & potassium
- Application of It prevents insects damage by sucking insects like thrips, aphids by creating a protective layer over leaf

Dosage

- Foliar Application – 1 to 2 ml per liter of clean water

Compatibility –

Compatible with commonly used Agri inputs, Pesticides & PGPR's



Available Packing - 100ml, 250ml, 500ml, 1000ml

GeoSil

Natural Diatomite Silicene

Silicon in Geosil is a 100% natural and pure form of diatomite silicon-based soil enricher, conditioner that supplies plant-available silica from silicic acid that is readily available to plants. Silicate is a nutrient that has been rated useful for plant nutrition by various international research institutes.

Benefits

- Geosil is a rich source of plant-available silicon in natural and pure form effectively balances soil porosity, water holding capacity as well as soil fertility.
- Geosil enhances the process of ionic exchange to provide essential minerals, resulting in vigorous and healthy crop growth.
- Reduces phosphorus availability and leaching of nitrogen and phosphorus.
- Silicon in Geosil increases the plant's inherent strength by strengthening the cell wall and protects the plant from physical and biological stresses such as sap-sucking insects.
- It is an essential component of various enzyme systems for energy production, protein synthesis and growth regulation, thereby increasing overall crop yield and quality.

Dosage

- Foliar Application** – 1 to 1.5 gm powdered GeoSil per liter of clean water
- Soil Application** – 2 to 3 Kg powdered GeoSil per acre with Drip or any other convenient method for proper and even application.

10 to 20 Kg Granular GeoSil per acre with fertilizers by broadcasting method

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's still jar test is recommended before mixing.

Available Packing - 250 gm, 500 gm, 1000 gm in powdered form
10 Kg, 25 Kg in Granular Form



Pollina Zinc oxide suspension concentrate

Pollina, a highly concentrated Zinc formulation delivering essential nutrient with 39.5% Zinc on weight basis. Its unique low application rate & high concentration of essential nutrient content makes it unique for its stability and rapid uptake by leaves on foliar application. Its superior surfactants help to ensure rapid & even mixing in spray tank and better dispersion coverage on foliage. The zinc content rapidly assimilated in the plant on spraying which stimulates various enzymes & triggers pathways for healthy growth of plants.

Benefits

- ✱ Pollina is very unique & beneficial due to its higher nutrient concentration and lower application rate.
- ✱ Its actives rapidly get absorbed in plant cells hence lowest assimilation time.
- ✱ Its rapid dispersion property makes fullest usage of active content within shortest period.
- ✱ Corrects zinc deficiencies promptly & prevents it to occur further.
- ✱ Optimum intake of zinc helps in promoting quality & quantity of the farm produce.

Dosage

Foliar Application – 1 to 1.5 ml per liter of clean water

Available Packaging

100ml, 250ml, 500ml, 1000ml

Compatibility –

Compatible with commonly used Agri inputs, Pesticides & PGPR's

Pollina
Zinc oxide suspension concentrate



CALCI-11 Natural Diatomite Silicone

Calcium is an integral backbone nutrient essential for building cell walls and their rigidity. Its deficiencies result in distorted growth and deformation of root tips, young leaves, and shoot tips. Weaker cells are more susceptible to biotic attacks. Calcium is also involved in enzymatic reactions and in the coordination of inter-cellular processes. Calcium nutrition controls the blossom end rot of pepper and tomato which are associated with calcium deficiency.

Benefits

- ✱ Calci-11 makes the cell wall rigid & strong which increases resistance to pests & disease.
- ✱ It balances calcium levels in the soil which increases oxygen levels, stronger root growth, better drainage, and more beneficial soil bacteria.
- ✱ Calci-11 calcium is the main transporter of nutrients to the plant, Increases flowering & fruit setting
- ✱ Calci-11 applied during flowering stage stimulates internal chemical pathways which promote fruit set resulting in increased fruit yields.
- ✱ Calci-11 Liquid Calcium can be applied to all fruit and vegetable crops to improve fruit firmness, shine, shelf life and storage

Dosage

- ✱ Foliar Application – 1 to 1.5 ml per liter of clean water
- ✱ Soil application - 250-300ml per acre through the drip irrigation systems.

Available Packaging

100ml, 250ml, 500ml, 1000ml

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's



Neoprime, a water suspendable / soluble powdered formulation with fivefold active inoculum consisting of beneficial species of endomycorrhizal fungi- the Bio-fertilizer. The concentrated, Neo prime containing mycorrhizal propagules, which colonize roots and extend into the surrounding soil forming an essential link between plants and soil resources symbiotically facilitating enhanced absorption of soil nutrients at its best. Increasing the rooting area allows improved access to water and nutrients, promoting plant quality and crop performance.

Benefits

- ✳ It interacts with local beneficial soil microbes to improve soil structure, fertility and enhance plant growth with mutual symbiotic action.
- ✳ It helps in rehabilitation of inferior land soil & make them fertile with improved nutrient status.
- ✳ It increases tolerant levels of crops against various biological, environmental and nutrient deficiency related stresses.
- ✳ It enhances macro & micronutrient absorption Viz. N, P, K and immobile micronutrient cations specifically Zn, Cu, Mg, B, S & Mo.
- ✳ Its organic nature fulfills needs of carbon source for rhizospheric biota, which flourishes at their best yielding better soil structure, pH, nutrient status and overall fertile soil for quantity and quality of farm produce.

Dosage

- ✳ Soil Application – 100 gm per acre in with Drip or any other convenient method for proper and even application.

Compatibility: compatible with most of the commonly used agri inputs, still avoid usage with chemical fertilizers, pesticides, fungicides etc.

Available Packaging - 100 gm, 250 gm

Neoprime

Micorhizal Bio Fertilizer



Vam pro

Micorhizal Bio Fertilizer GR

The vesicular Arbuscular Mycorrhizal Fungi (AMF) with the endo mycorrhizal spores grown and coated on granular media formulation. Vam Pro upon application to crops in root zone, the mycorrhizal spores germinate in and around the root surface & grow with roots by establishing symbiotic association with its growing mycelia. Being in a symbiotic relationship it doesn't harm the crops but facilitates enhanced absorption and uptake of soil nutrients at its best. The mycelial network formed around rhizosphere increases the surface area of roots and thereby essential nutrients.

Benefits

- ✳ Vam Pro interacts with local beneficial soil microbes to improve soil structure, fertility & enhance plant growth in degraded, saline & acidic soils along with combating water stress.
- ✳ Vam Pro helps in rehabilitation of inferior land soil & make them fertile with improved nutrient status
- ✳ Vam Pro enhances macro & micro nutrients absorption viz. phosphorus, nitrogen and immobile micronutrients cations specifically zinc, copper, magnesium, boron, Sulphur & molybdenum.
- ✳ It provides better resistance during dry periods and overcome water and environmental stresses by enhanced water holding capacity.

Dosage

- ✳ Soil Application : 4 to 6 Kg per acre with organic or biofertilizers broadcasted properly for even application.

Compatibility: compatible with most of the commonly used agri inputs, still avoid usage with chemical fertilizers, pesticides, fungicides etc.

Available Packing : 4 Kg.





BhuDhan, the literal meaning is wealth of soil, that is active flora, fauna and single celled cyanobacteria are the real wealth for fertile soil. BhuDhan is such a combination of very efficient strains of required microbes and their carbon food in available form for the growth and flourishing in the soil for making available fixed and unavailable nutrients to the crops.

A. Bhu Sanjivani (Azotobacter)- They play an integral part as a biofertilizer, nutrient indicator and play an important role in the nitrogen cycle in nature, binding atmospheric nitrogen which is inaccessible to plants, and releasing it in the form of ammonium ions into the soil known as nitrogen fixation.

B. Bhu Sanjivani (Phosphate Solubilizing Bacteria)- PSB are capable of solubilizing inorganic phosphorus from insoluble compounds. P-solubilization ability of rhizosphere microorganisms is considered to be one of the most important traits associated with plant phosphate nutrition.

Bhu Sanjivani (Potash Mobilizing Bacteria)- The bacteria that mobilizes potash from the elementary or mixture of potassium, which can be easily absorbed by the plants. KMB plays a vital role in the formation of monoacids and proteins from ammonium ions, which are later absorbed by root from the soil.

Bhu Sanjivani (Zinc Solubilizing Bacteria)- The highly concentrated biofertilizer with high concentration of Zinc solubilizing bacteria, its organic acid secretion converts fixed Zinc into soluble form for uptake by the plants. Zinc-solubilizing rhizobacteria converts insoluble zinc to an accessible form and increase Zn bioavailability in soil, which help mitigate Zn deficiency in crops

Grow 10 – It is scientifically derived natural Bio-organic stimulant with unique blends of protein hydrolysates, seaweed extract and humic as well as fulvic acid complexes. It acts during both vegetative and reproductive growth stages of the plants. Its key role is quick providing organic carbon to growing micro-organisms for their flourishing.

Altair (Fruits & vegetable)- A unique & novel product with vitamins, alginates, carboxylates, enzyme & hormone precursors along with stress relievers. It's very useful in promoting specifically female flowering, fruit setting and overall establishment of crops for better yield.

Dosage

Soil application – 1 to 2 combo kits per acre through the drip irrigation systems.

Compatibility – Compatible with commonly used PGPR's, still recommended to use separately

Available Packing - 1350 ml.



Zx100 Gel is a synergistic combination of all required sources of organic matter with built in nutrients, amino acids and hormone precursors for making soil fertile and productive.

The actives serve as a chelating agent for useful nutrients making them available and helps their translocation throughout.

Benefits-

- ✳ The added organic gel improves soil organic carbon, texture, pH, porosity and soil aeration that improves soil microflora and potential to deliver best crops.
- ✳ It is very important product on transplantation & initial growth stages of crops
- ✳ The gel relieves biotic and abiotic stresses on crops and help them grow better with increased fruits and overall farm produce.

Dosage

- ✳ Foliar Application – 1 to 2 gm per liter of clean water
- ✳ Soil Application – 800 to 1500 gm per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing -200 gm, 400 gm, 800 gm, 1500 gm.

ZX100 Gel
The Carbon Rich plant Food



Prolix

Fe-EDDHA (Fe 6%)

Prolix is a high-efficiency organic chelated iron that has super penetration and solubility in water. The specifically EDDHA chelated Iron complex for the prevention and correction of "Iron Chlorosis" in all crops and soil types viz. acid or alkaline / calcareous soils. It is Water soluble Fe-EDDHA (Fe 6%)

Benefits

- ✳ It is easily absorbed by plants, quickly provides crop nutrition, solves the symptoms of iron deficiency and regenerates quickly.
- ✳ Prolix is effective and highly stable in soils with wide range of pH and has a long-lasting effect
- ✳ Prolix is superior to other forms of Iron fertilizer used in soil
- ✳ Prolix promotes synergistic macro and micronutrients uptake in plants
- ✳ Prolix can be used both as a protective and curatively against iron deficiency symptoms

Dosage

- ✳ Soil Application – 0.5 to 1 Kg with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's still jar test is recommended before mixing.

Available Packing - 250 gm, 500 gm, 1 Kg



A unique & novel product with vitamins, alginates, carboxylates, enzyme & hormone precursors along with stress relivers. It's very useful in promoting specifically female flowering, fruit setting and overall establishment of crops for better yield.

Benefits

- * It activates enzymes and thereby metabolic processes and phytohormone synthesis with its ready to use bio-molecules
- * Induce healthy vegetative, reproductive branches, floral bud initiation, blooming duration, fertilization and fruit setting
- * Maintains hormone ratio and reduces premature flower & fruits dropping
- * Stimulates biosynthesis of phenolics, bitter alkaloids and antioxidants to resist diseases and environmental stresses

Dosage

- * Foliar Application – 1 to 1.5 ml per liter of clean water

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

100 ml, 250 ml, 500 ml

Altair
Fruits & Vegetable



Bloomer

Natural Plantonic
For All Crops



A unique combination of peptide linked protein components with precursors of various plant hormone and enzymes. Bloomer is very useful in promoting specifically female flowering, fruit setting and overall establishment of crops for better yield.

Benefits

- * Promote lateral branching, lateral buds & thereby numerous flowerings in crops
- * Enhances cell division, elongation and expansion which increase the leaf surface area & physiochemical metabolism in plants
- * Maintains hormone ratio and reduces premature flower & fruits dropping
- * Increase average yield and marketable quality of all vegetables & fruits

Dosage

- * Foliar Application – 10 ml per 60 to 80 liters of clean water Available
 - * Packaging 10 ml, 30 ml, 50 ml
- Compatibility** – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

10 ml, 30 ml, 50 ml



Magic pearls

The Nextgen Nutrition

A unique combination of levorotatory amino acids, the peptide linked protein components with precursors of various plant hormone and enzymes. Magic pearls give energy to plants which helps enhanced uptake & assimilation of essential plant nutrients. Magic pearls elicits plant growth and development responses, setting blossoms and stimulating fruit richness by stimulating cell division & productive metabolism

Benefits

- ✿ Induces faster & vigorous development of root mass, Promotes light-induced formation of chlorophyll and rate of photosynthesis
- ✿ Enhances cell division, elongation and expansion which increase the leaf surface area & physiochemical metabolism in plants
- ✿ Promote lateral branching, lateral buds & thereby numerous flowerings in crops
- ✿ Overcomes the stress on plant, enhances growth & improves overall health of plants

Dosage

- ✿ Foliar Application – 1.5 to 2 ml per liter of clean water
- ✿ Soil Application – 1.5 to 2.0 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's still jar test is recommended before mixing.

Available Packing - 100ml, 250ml, 500ml, 1000ml



Conag

Natural & organic supplement for crops

Conag, the innovative and balanced crop supplement with bioavailable organic amino acids, peptides and their derivatives for enhanced and efficient plants growth. It's a high potential & novel product useful in improving plants metabolism, productivity and defense system against environmental and biotic stresses occurred during the crop period.

Benefits

- ✿ Conag has high concentration of short chain amino acids that promotes growth, vitality and crop performance
- ✿ Promotes root growth and vigorous development of the buds, induces greater flowering, promotes the pollination and fruit set for better yield
- ✿ Enhances penetration of nutrients and stress resistance by activating plant's defense enzymes for increased tolerance to abiotic stress
- ✿ Conag is an organic product does not leave residues, can be used at any stage of the crop growth

Dosage

- ✿ Foliar Application – 2.5 to 3 ml per liter of clean water
- ✿ Soil Application – 1 to 2 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

250 ml, 500 ml, 1000 ml



Dulcee
The Seaweed
Liquid Concentrate

Dulcee, the concentrated liquid extract of *Ascophyllum nodosum* in the form of complete store of essential nutrients, peptides, vitamins, enzymes, hormones, polysaccharides along with growth promoting substances from natural origin. It's formulated with state-of-the-art technology for maximum deliverables to crops which accelerates metabolism and strengthens immunity to fight against environmental stresses.

Benefits-

- ✱ Polysaccharides like Alginic acids and its derivatives efficiently chelates the cationic nutrients & fastens trans cellular movements of nutrients, vitamins and enzymes
- ✱ It helps in combating transplantation shocks in vegetable crops and corrects nutritional deficiency by its specific chelating action
- ✱ Promotes tillering, vegetative & flowering buds for better yield
- ✱ Induces cell division, elongation and overall metabolism of plants making them healthier and productive.

Dosage

- ✱ Foliar Application – 2.5 to 3 ml per liter of clean water
- ✱ Soil Application – 1 to 2 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing - 250 ml, 500 ml, 1000 ml



Ryzom vegetal
Green Seaweed Gel Concentrate



Ryzom is the new generation product developed for plant growth and quality productivity by promoting greater root mass, lateral root growth, shoots, buds and photosynthesis. Improved root development triggers overall growth and efficiency of vascular tissues

Benefits

- ✱ Ryzom encourage the growth and development of primary & lateral roots resulting in a significant increase in overall root mass and surface area.
- ✱ It provides a healthy root system, stronger stems and foliar growth ensuring crops to be more tolerant to drought, biotic and abiotic environmental stresses
- ✱ Ryzom shows promising results in crops like Ginger, Turmeric, Onion, Potato, Sugarcane, Paddy & all types of fruits and vegetables crops.

Dosage

- ✱ Soil application – 1.5 to 2 liters per acre through the drip irrigation systems.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing
250 ml, 500 ml, 1000 ml.



Ryzom ammend

Seaweed Gel Concentrate

Ryzom is the product developed mainly for reproductive growth and yield enhancement with triggered efficiency of vascular tissues in transportation nutrients, sugar molecules, amino acids and hormones.

Benefits

- ✿ Ryzom encourage the complete development of crops resulting in a significant yield increment per acre
The healthy root system, stronger stems and foliar growth ensures crops to be more productive
- ✿ Ryzom shows promising results in crops like Ginger, Turmeric, Onion, Potato, Sugarcane, Paddy & all types of fruits and vegetables crops.

Dosage

- ✿ Soil application – 1.5 to 2 liters per acre through the drip irrigation systems.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

250 ml, 500 ml, 1000 ml.



Humaxx

Liquid humic acid for foliar and soil application

Humaxx is a liquid organic plant growth stimulant and soil conditioner based on active humic acid (potassium humate). It is a bioactive growth stimulant, especially for sandy and heavy clay soils and has a stimulating effect on plant growth in the soil and especially on stronger root development. This improves the absorption of nutrients.

Benefits

- ✿ Immediately improves plant nutrient absorption and fertilizer efficiency of soils
- ✿ Increases the stress tolerance of plants against drought, salt, cold and heat
- ✿ Stimulates vigorous root growth and increases the cation exchange capacity of soils
- ✿ Acts as a natural chelator for micronutrients in soils and increases their availability to plants
- ✿ Increases the germination of seeds, radical development and transplantation success

Dosage

- ✿ Foliar Application – 1.5 to 2 ml per liter of clean water
- ✿ Soil Application – 2 to 3 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

250 ml, 500 ml, 1000 ml, 5000 ml



ACTIVATOR

humic & fulvic acid complexes

100% water soluble product with biologically active trace elements as humic & fulvic acid complexes. Its key components form metal ion complexes (Chelates) and enhances the availability of nutrients that are proficient in entering plant cells. It reduces nutrient loss and improves soil structure and root system in all crops.

Benefits

- ✳ Improves soil structure, acts as a natural soil conditioner and corrects nutrient deficiencies by complexing essential nutrients
- ✳ Promotes Cation Exchange, increases nutrient assimilation and enhances soil productivity with its rich organic carbon content
- ✳ Improves soils workability, water holding capacity, ion exchange ability and salt tolerance feature
- ✳ Accelerates initiation and development of tertiary roots, nutrient uptake by forming metal chelates and their bioavailability.
- ✳ Improves blossom duration, flowering and fruit set thereby higher yield and better quality of crops produce

Dosage

- ✳ Foliar Application – 0.5 to 1 gm per liter of clean water
- ✳ Soil Application – 500 to 1000 gm per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

100 gm, 250 gm, 500 gm, 1 Kg



Leader

The Growth Starter

Leader is an excellent storehouse of organic substances resourced from natural sources. It contains enormous organic matter useful for initial growing period for all plants and transplanted vegetable seedlings. Being a storehouse of various organic substances, it provides and increases organic carbon in the root zone, especially in sandy, clayey soils which are low in organic matter.

Benefits

- ✳ Leader increases the organic matter Levels in soils, improves the soils structure, porosity and water holding capacity of light soil.
- ✳ Leader improves nutrient retention by chelation and enhances their uptake.
- ✳ Being a rich source of organic carbon, it helps to adhere and proliferates beneficial microflora which helps plant to assimilate and uptake of complex nutrient molecules.
- ✳ Leader usage helps in sweetening the fruits, improves uniform size, colour and increases the keeping quality of farm produce.

Dosage

- ✳ Foliar Application – 1 to 1.5 gm per liter of clean water
- ✳ Soil Application – 1 to 2 Kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

100 gm, 250 gm, 500 gm, 1 kg.



Bahar

Organic crop Vigor
& yield enhancer

Bahar contains 100% naturally enriched organic biostimulants with unique complexing agents. Bahar components easily penetrates the plant cells and translocated to targeted tissues for basic functioning like photosynthesis, respiration and hormone synthesis.

Benefits

- ✿ Bahar triggers nutrient uptake and their assimilation causes overall plant growth, flowering and marketable produce in all field crops.
- ✿ Bahar stimulates & proliferates soil microflora, cation exchange ability and overall productivity of treated soil
- ✿ It is a best stimulant helps in more branches, flowering and fruit set in vegetables and fruit crops
- ✿ It fastens the germination speed and root mass levels to healthy crops.

Dosage

- ✿ Foliar Application – 5 gm per 15 liters of clean water
- ✿ Soil Application – 50 to 100 gm per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

5 gm, 10 gm, 25 gm, 50 gm & 100 gm



Gro 10

Balanced & Efficient Bio
organic Stimulator



Gro10 is scientifically derived natural Bio-organic stimulant with unique blends of protein hydrolysates, seaweed extract and humic as well as fulvic acid complexes. being a novel combination, it acts during both vegetative and reproductive growth stages of the plants. Its key role is quick results & improving the inherent resistance power in crops.

Benefits

- ✿ Gro10 application makes the plant cells stronger, stimulates cell division, increases chlorophyll content, number of flowers and fruits.
- ✿ It can be used both as foliar and soil application thus restores natural balance, enhances crop quality and yield.
- ✿ Gro10 alters the soil properties such as pH, texture, porosity and water holding capacity of light soils.
- ✿ Gro10 helps in correcting transplantation shocks and re-establishment of plantlets.

Dosage

- ✿ Foliar Application – 2 to 3 ml per liter of clean water
- ✿ Soil Application – 2 to 3 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended

Available Packing

250 ml, 500 ml, 1000 ml



Protomin

Organic crop Vigor & yield enhancer

Protomin is a rich source of the molecules that form the structural units of proteins and contain naturally occurring amino acids. Amino acid mixtures are readily absorbed, transported, and utilized as a source of nitrogen and carbon for plants. It saves the energy expended by the plant to reduce organic matter, synthetic nitrates and ammonia into amino acids and functions as a bio-stimulant for the plants.

Benefits

- ✿ Amino Acid Mixtures help in the chelating and complexing of nutrients. Stimulates nutrient uptake; chlorophyll content energy balance of plants
- ✿ All essential amino acids gets absorbed & Increases yield and biomass production.
- ✿ Boosts the crop's resistance to drought, salinity, and other stressful conditions affecting yield.

Dosage

- ✿ Foliar Application – 1 to 1.5 gm per liter of clean water
- ✿ Soil Application – 250 to 500 gms per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

100 gm, 250 gm and 500 gm



Proteinex

Organic Stimulator & Crop Energizer

Proteinex, being a natural origin and produced with modern techniques of hydrolysis, is an excellent source of essential amino acids as glycine, proline, hydroxyproline & micro-molecule bioactives which triggers photosynthesis, metabolism and hydro balance in crops.

Benefits

- ✿ Proteinex is a novel organic stimulator for protein supplement in its most available form extracted from natural origin.
- ✿ It contains physiologically available short chain & long chain peptides with free levorotatory amino acids for optimal assimilation in plants.
- ✿ It is most suitable source of proteins which contribute to synthesize essential hormones & their precursors through enzymatic activation for healthy and reproductive growth in all crops.
- ✿ It works as immune modulator and thereby enhances disease and draught resistance, alleviates environmental and physiological stresses.

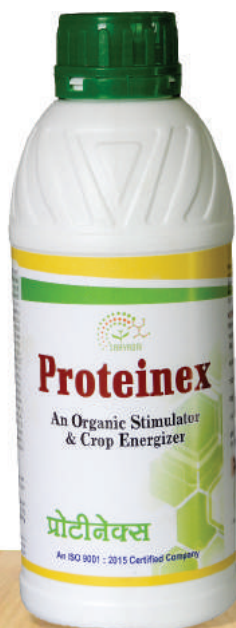
Dosage

- ✿ Foliar Application – 2 to 3 ml per liter of clean water
- ✿ Soil Application – 1 to 2 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

250 ml, 500 ml, 1000 ml



Altair Onion Special

Altair is a fruitful achievement of extensive Research & Development in the field of crops science. It enhances cellular metabolism & produces essential biochemicals required for healthy & productive growth of crops

Benefits

- ✦ Altair increases the rate of metabolism by efficient absorption of water, nutrients and alleviates transplanting shocks.
- ✦ It fastens the root proliferation & there by nutrient uptake efficiency, rate of photosynthesis & greenness of leaves
- ✦ Altair builds strong stalk, uniform maturity & bulb size with marketable quality of onions
- ✦ Altair produces onions with thick, shining & rigid covering thereby increasing the shelf life in storage & transportation.

Dosage

- ✦ Foliar Application – 2.5 to 3 ml per liter of clean water
- ✦ Soil Application – 1 to 2 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

250 ml, 500 ml, 1000 ml



Ryzom Liquid Seaweed Concentrate



Ryzom is the next generation product keenly and neatly developed with strong scientific cold processing technique. Plant growth enhancing properties have been scientifically proven to increase crop productivity by promoting greater root mass, lateral root growth, shoots and bud development. Ryzom ensures activation and proliferation of essential micro fauna causing mineralization of fixed nutrients and make them available to roots.

Benefits

- ✦ Ryzom provides a healthy root system, stronger stems and foliar growth ensuring crops to be more tolerant to drought, biotic and abiotic environmental stresses
- ✦ Ryzom alters the soil properties such as pH, texture, porosity and water holding capacity of light soils.
- ✦ Ryzom helps in correcting transplantation shocks and re-establishment of plantlets.
- ✦ Ryzom shows promising results in crops like Ginger, Turmeric, Onion, Potato, Sugarcane, Paddy, all types of fruits and vegetables crops.

Dosage

- ✦ Soil application – 2.5 to 5 liters per acre through the drip irrigation systems.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

1 Lit., 2.5 Lit., 5.0 Lit.



Synergy

Nutritional powerhouse
for all crops

Synergy is the liquid extract concentrate of the fastest growing seaweed named *Ascophyllum nodosum*. It is the complete powerhouse of essential nutrients, vitamins, enzymes as well as growth promoting substances, hormones, polysaccharides like alginates and various chelating agents from natural origin.

Benefits-

- ✳ Rich source of polysaccharides viz. Alginic acid, very efficiently chelates the cationic nutrients and enhances their uptake
- ✳ Useful in improving soil pH, texture, organic carbon and water holding capacity of light soil.
- ✳ Promotes growth and proliferation of beneficial microbes, which enables free movement of minerals and nutrients into the root system.
- ✳ Increases trans cellular transportation of nutrients, vitamins and enzymes
- ✳ Encourage the growth and development of primary, secondary and tertiary roots resulting in a significant increase in root mass and surface area.

Dosage

- ✳ Foliar Application – 2 to 3 ml per liter of clean water
- ✳ Soil Application – 1 to 2 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's

Available Packing

250 ml, 500 ml, 1000 ml



Ecotone

Liquid Sulfur Nutrition

Sulphur is an essential plant nutrient required by all crops for optimum production and holds 4th place in fertilizer management after NPK. It is a research based modified formulation with bioavailable sulphur which is essential in structural and enzymatic components in plants.

Benefits

- ✳ Ecotone is an important plant nutrient composition essential for nitrogen metabolism
- ✳ Ecotone plays key role in Enzymatic metabolism & production of biomolecules.
- ✳ It prevents and controls fungal moulds, leaf spots, rust and spider mites on crops
- ✳ Ecotone specifically very important in oil seed crops along with fruits, vegetables, cotton, Turmeric, Ginger and other cash crops.
- ✳ Ecotone is effective, non-toxic & safe to use for healthy, productive and bumper yields in all crops.

Dosage

- ✳ Foliar Application – 2 to 3 ml per liter of clean water
- ✳ Soil Application – 2 to 3 liters per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended

Available Packing

250 ml, 500 ml, 1000 ml, 5000 ml



Actor

Bio-Soil Enriching Granules

Actos is a unique biologically derived organic granular formulation for use in soil application giving ideal soil medium for plant growth and enhanced productivity. The base granules are coated & fortified with organic substances viz. humates, fulvates, sea weed extract, amino acids and anti-root rot herbal substances as rich carbon sources to upgrade soil fertility and farm produce at higher levels.

Benefits

- Being a natural and organic soil enricher, it improves the soil structure, helps in breaking up compact soil, improves water holding capacity and increases organic carbon in rhizosphere
- Actor helps in mobilizing essential nutrients from soil by chelation action & improves the nutritional status of plants
- Increased organic carbon enhances proliferation of desirable microflora which increases uptake of insoluble nutrients
- Optimum usage of actor increases yield and quality of produce in all crops
- Actor is non-toxic, safe and can be used with all types of fertilizers & other soil conditioners.

Dosage

Soil Application – 8 to 16 Kg per acre with fertilizers by broadcasting method

- Compatibility** – Compatible with commonly used Agri inputs, Pesticides & PGPR's.

Available Packing

8 kg, 25 Kg



Triple Action 3 in 1

Spray adjuvant concentrate
for all crops

Triple Action 3 in 1 is technically formulated Nonionic surfactant adjuvant engineered to spread the active ingredient throughout the canopy and to improve pesticide efficiency by increasing penetration, coverage and overall effectiveness of almost any product.

Benefits

- Triple Action 3 in 1 is a Nonionic adjuvant surfactant made from quality nonionic surfactant blends.
- It helps in uniform sticking, spreading & penetrating the spraying mixture on foliage.
- Being a non-ionic, remains stable in water & enhance the uptake & thereby performance of agrochemicals.
- It can be used in soil drench to spread the fertigation inside soil pores effectively.

Dosage

- Foliar Application – 0.5 to 0.7 ml per liter of clean water
- Soil Application – 1 to 1.5 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

100 ml, 250 ml, 500 ml, 1000 ml.



Wet Set

Silicon Based
Agricultural Spray Adjuvant

The new generation Silicone based non-ionic agricultural spray adjuvant specifically designed for optimal usage of fungicides, insecticides, herbicides, PGPRs and fertilizers to enhance their performance and effectiveness. It breaks the surface tension of spray drops and works as a sticker, spreader and penetrator of all sprays which ultimately increases coverage, thus reduces cost and improves profitability.

Benefits

- ✦ Increases spray coverage by reducing surface tension of spray solutions to the maximum
- ✦ Helps in overcoming adverse environmental conditions viz. rains, wind & volatilization
- ✦ Spreads quickly carrying spray actives into the inaccessible sites inhabited by pest and to those parts of the crop canopy prone for infection by diseases.
- ✦ Useful with wide range of agrochemical formulations and nutrition products.
- ✦ Reduces spray volume and numbers due to its efficient infiltration activity
- ✦ Being a very efficient in action it helps in saving cost, time and crop wastage

Dosage

- ✦ Foliar Application – 5 to 7 ml per 15 liters of clean water
- ✦ Soil Application – 250 to 500 ml per acre with Drip or any other convenient method for proper and even application to soften the soil

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended

Available Packing 50 ml, 100 ml, 250 ml



All clean

Botanical plant food &
Immunomodulator

Thoroughly researched plant derived product for strengthening immune system and plant disease resistance in crops. Effectively prevents and manages environmental and physiological stresses caused by various biological agents on all crops.

Benefits

- ✦ Botanical product with long term action on crop immunity against biotic & abiotic stresses.
- ✦ Being organic in nature does not leave any residue on fruits and vegetables.
- ✦ Effectively controls sucking pests and helps plants grow faster
- ✦ Crops grow healthy with best quality & quantity of produce.

Dosage

- ✦ Foliar Application – 1 to 2 ml per liter of clean water
- ✦ Soil Application – 0.5 to 1 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing

100 ml, 250 ml, 500 ml, 1000 ml



averte 7

An Essential Oil Based
Herbo-mineral Compo

averte7 is a proprietary blend of herbal essential oils & minerals formulated for the purpose of grower's ease to produce bumper and healthy yield of the crops. Its active play multiple mode of actions for optimal and healthy growth of crops for long period. Being a natural in origine averte7 is very quick in action and lasts for long time with its benefit to crops. It is all the way environment friendly option in crop cultivation. An easy-to-use formulation combined with powerful efficacy adds up to healthier, more vibrant plants and a more successful harvest.

Benefits

Botanical ingredients with multiple modes of action delivers highest levels of crop immunity against biotic, abiotic disturbances

Oil constituents add value to growing stages of plants making them grow better with a greater number of flowers and fruits.

Herbo-mineral compo makes plants harder and resistant against environmental and biotic stresses.

All in all, crops grow at their best with quality & quantity of produce.

Dosage

Foliar Application – 1 to 2 ml per liter of clean water

Soil Application – 0.5 to 1 liter per acre with Drip or any other convenient method for proper and even application.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing 100 ml, 250 ml, 500 ml, 1000 ml



Bitter Guard

The Botanical Shield for
Healthy crops

Bitter Guard is a natural origine product extracted and formulated with ethno-botanical sources with age old technology for protecting crop plants. It protects crops from various types of biological and environmental stresses by developing resistance mechanism in plants.

Benefits

- It provides a protective shield thereby overcomes the external enemies disturbing the natural life cycle of the crops.
- Bitter guard makes the plants bitter systematically, which prevents sucking pests to feed on and the crops get protected
- Bitter Guard helps in strengthening the inbuilt immunity of plants and grow better with enhanced flowers and fruits increasing the overall crop yield.

Dosage

- Foliar Application – 1 to 1.5 ml per liter of clean water
- Soil Application – 0.5 to 0.75 liter per acre with Drip or any other convenient method for proper and even application.

Caution: Do not use the product during plucking / Harvest and with fertilizer spray mixtures.

Compatibility – Compatible with commonly used Agri inputs, Pesticides & PGPR's, still jar test is recommended before use

Available Packing - 100 ml, 250 ml, 500 ml, 1000 ml



Nano Cleanser

*An Eco-friendly, Rapid Action,
High Efficacy & Multipurpose
Biocide*

Nano Cleanser is an eco-friendly disinfectant that can be used universally to provide high efficacy in killing of pathogenic microorganisms in all possible media of air, water, surface, and soil. It proves to be a powerful antibacterial, fungicide, virucide, amebicide, algacide and nematocide. The product in its synergic action is more powerful than its base of hydrogen peroxide alone.

Benefits

Field sanitation -

- ✿ Powdery mildew, downy mildew, botrytis blight, anthracnose, bacterial leaf spots and cankers, pests like nematodes, and mites are well heard amongst farmers, and usage of Nano Cleanser for a complete field sanitation eradicates the same.
- ✿ Fumigating the soil with Nano Cleanser requires no flushing with water, no polythene covering for days, saving time, money, water, labour. Moreover, the bed is ready for plantation in four to six hours.
- ✿ Curative treatment with Nano Cleanser includes drip, drench, spraying methods, frequency of application and dosage depending upon the severity of the infection.
- ✿ Post harvest wash with Nano Cleanser eliminates the toxic pesticidal residues which prompt customer rejection.
- ✿ Field water sanitation, unclogging of drip lines and venturi meters, biofilm elimination all are catered with the use of this product.
- ✿ 100% Residue Free product.
- ✿ Eco-friendly and biodegradable.

Dosage

- ✿ Foliar Application – 2 to 3 gm per liter of clean water
- ✿ Soil Application – 2 to 3 Kg per acre with Drip or any other convenient method for proper and even application.

Compatibility – The product is suggested to use separately for better results

Available Packing - 500 gm, 1 Kg, 25 Kg



शेतकऱ्यांचा विश्वासू जोडीदार

डिफेंडर

कांदा साठवणूकीसाठी मी ही वापरतो...
तुम्हीही वापरा आणि निश्चित व्हा...

व्हा...

पाटलांची निवडच भारी
कांद्याचे संरक्षण

डिफेंडर च
करी.



प्रमाण
५ किलो डिफेंडर
५० ते ६० किंटल
कांद्यांसाठी धुराळणी
पद्धतीने वापरावे.

वैशिष्ट्ये :

- संपूर्णतः नैसर्गिक घटकांनी परिपूर्ण उत्पादन
- स्लो अँड सस्टेनेबल रिलीज टेक्नॉलॉजिने (SSRT) निर्मित एकमेव उत्पादन
- SSRT तंत्रज्ञानामुळे जास्तीत जास्त कालावधीसाठी साठवण संरक्षण देते.
- किडी आणि काजळी सदृश्य बुरशीजन्य अपायकारक घटकांचा अटकाव करते.
- कंदकुज किंवा सडी सारखे नुकसान जागेवरच नियंत्रीत करते.
- साठवण काळात कांद्यांची प्रत, रंग आणि गुणवत्ता टिकवण ठेवते.





Sahyadri Biotech

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