Bio Organic Limited

Bio Organic

HEALTH FIRST







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Prouct Catalogue

- BIO PESTICIDES
- IPM PRODUCTS
- AGRI NETS AND GREEN HOUSE MATERIALS
- FARM HAND HELD TOOLS
- SOIL AMENDMENT AND GROWING MEDIA

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BIO INSECTICIDES

Product name	Active Ingredient (AI)	Target Pests	Application Rate (1000L/Ha)	PCPB / MPS NO.	IRAC CODE	WHO CLASS
BIOBAT 0.5 WP ECO CERT	Bacillus thuringiensis var. kurstaki 0.5%	Caterpillars	1Kg	2557	11A	U
BIOMYSIS MEAN 1.15 WP ECO CERT	Metarhizium anisopliae 1.15%	Thrips, Caterpillars and Mealy bugs.	2 - 2.5Kg	4596 / 2207	49	U
BIOAZA 10000 PPM	Azadirachtin 1%	Aphids, whiteflies, stinkbugs, leafminers, spidermites, FCM, gall midge and cutmorms.	1.5 - 2L/ 800 lts of water	0049	0049	III
BIONEEM 300 PPM EC	Azadirachtin 0.3%	Aphids, thrips, whiteflies, leafminers and cucumber beetles.	2 - 2.5ltrs	2355-P(I) / 4694	18	III
BIOVERT 1.15% WP ECO CERT	Verticillum Lecanil 1.15% 1 X 108 Cfu/gm	Aphids, thrips and spidermites.	2 - 2.5Kg	2790	UNF	III
KELENE 479.8 SL	Fatty Acid of potassium salt 479.8g/L	Thrips, Aphids, Whiteflies, Spidermites, Mealybugs, Scale insects	5L	2859	UNF	III
MYRIAD 5 SC	Matrine 0.5%	Thrips, Aphids and Whiteflies	0.125 - 0.250lts	1767 / 4694	18	III

BIO FUNGICIDES

Product name	Active Ingredient (AI)	Target Diseases	Application Rate (1000L/Ha)	PCPB / MPS NO.	FRAC CODE	WHO CLASS
BIOFUR 80WDG	Sulfur 80%	Powdery mildew andSpider mites	1.5 - 2Kg	2313-p(I) / 4693	M2	III
BIOTRICHO 1.0% WP ECO CERT	Trichoderma viride TNAU-TV1 (2×106 CFU/g (min))	Fusa rium wilt, Damping-off, Root rot and blight	2 - 2.5Kg	2783	Bm02	IV
COPTER 50 WDG	Copper hydroxide 538 g/kg (equivalent to 35% metallic copper)	Black spots and botrytis	1.5 - 2Kg	4273 / 1646	M01	III
PROPHYT 50 SL	Potassium phosphite 50%	Downy mildew	1.5 - 2Ltrs as Spray and 3 - 4L as Drench	2690	P07	III

FERTILIZERS, FOLIARS, ADJUVANTS AND OTHERS

Brand Name	Description	App. Rate	MPS NO.
3S	3S is a liquid boron fertilizer that supports reproductive development, fruit set, cell-wall formation, and sugar transport. A built-in wetting agent improves coverage, penetration, and uptake for uniform results.	0.3 - 0.4 lts / Ha	
BION	It is citric acid extract fortified with Zinc and Manganese which helps in enzymatic and photosynthetic of the plants & builds defence mechanism of plants.	1 - 2lts/ Ha	
BIORISE GR	Contains beneficial mycorrhizal fungi which captures the plant root forming a network of fungal fibre which captures important nutrients from the soil for the host plant. **It has been approved by KEPHIS.**	3 - 5kgs / Ha	4696
BIORISE SL ECO CERTIFIED		0.1 - 0.2ltrs/ Ha	4695
BIO-SAN SR 50	Contains Activated Hydrogen Peroxide (H_2O_2) that improves crop health by releasing oxygen, enhancing root. respiration, nutrient uptake, and leaving no harmful residues.	1 - 3ml/ L	
BCALSUL	Is a high-analysis liquid suspension made from micronised natural gypsum designed for rapid soil conditioning and improved nutrient response.	1 - 3L/ Ha	
BHULIME	Is a high-quality liquid suspension of micronised lime designed for rapid correction of calcium deficiencies in crops. Its advanced formulation ensures fast absorption, improved nutrient efficiency, and enhanced crop performance	1 – 2L / 200 – 400L	
CORRECT pH	Is a liquid ferterlizer with an analysis of {N:0 P_2O_5: 25 K_2O: 3}, formulated primarily to supply a high level of readily available Phosphorus. Phosphorus supports energy transfer (ATP), root initiation, early growth and improved flowering and fruit. The product also provides small amounts of Nitrogen and Poassium that assist overall plant metabolism.	0.5lt / Ha	
DEFENDER	Is a natural organic product, capable of increasing the defense capacity of the plant. Its composition, designed based on natural organic compounds of vegetable origin and selected micro - nutrients, stimulates a complete distribution throughout the whole plant and an immediate response from the plants's self-defense systems against external agents.	Foliar: 1 - 3L/Ha Drench: 5 - 6L/Ha	
EXTENDER	Is an adjuvant that enhances the efficacy of phytosanitary treatments. It is non - Ionic, biodegradable, derived from pine resin and can be used in organic agriculture.	0.3 - 1L/ Ha	

BIO FERTILIZERS

Brand Name	Description	App. Rate	MPS NO.
FOLIA K	A liquid fertilizer for foliar and fertigation applications, with high level of Potassium (30%). It works on Neutral pH.	2L as Spray	1148
GOODLUCK	Is a hormonal product designed for an optimal supply of Cytokinins, and Fulvic Acids. It's use is highly recommended during the vegetative growth period until the beginning of flowering.	Foliar:0.2 - 0.3L and Drench: 1Ltr	4559
ROOTXTRA	NPK (3-5-6) solution enriched with micronutrients (zn) and amino acids. It contains a formulation different organic acids that contribute to roots, increasing the useful absorption surface for crops.	5 - 6Ltrs / Ha	
SILICA FERT	Is a fortifier of plant tissues for foliar and soil use whose purpose is to increase the tolerance of the crop against pathogens, increasing the life of the fruit and increasing the resistance of the plant and the fruit to the physical damages caused by friction, manipulation, etc.	Foliar: 1 - 3L/Ha Drench: 3 - 5L/Ha	
SOLFERT	SOLFERT is a 6% EDDHA iron chelate fertilizer with high ortho-ortho content, designed to prevent and correct iron chlorosis in fruits, vegetables, citrus, vines, and ornamentals. It remains effective in soils with pH levels ranging from 3.5 to 12. Applied through irrigation water or directly to soil, followed by immediate irrigation.	Young tree: 5 - 15g Adult tree: 60 - 125g	
TOPBOSS	Contains Potassium Bicarbonate which stabilizes soil pH levels and strengthens plant tissue. It enables plant cells to prolong their natural resistance to pathogens.	1.5 - 2 kg/ha	

SOIL AMENDMENTS AND GROWING MEDIA



Mother Earth

It is a neem based organic amendment for soil to be used in Organic farming and otherwise. It is a source of nutrients, micro-nutrients and alsoincreases the water holding capacity of the soil. 300 - 500kg / ha as soil application. It has been approved by **KEPHIS** for organic maĵer contents soil amendment use.



Cocopeat

Cocopeat Fibres makes an excellent growing medium for hydroponics, soil mixes and container plant growing. It is a 100% organic product and is available with different fibre and chips ratio.

The following types are available:

I. Propagation Grade. ii. Growing Grade. iii. Buffered Cocopeat.

AGRI NETS AND GREEN HOUSE MATERIALS



Bird Nets

Bird netting protects crops and plants against bird invasion and ensures a healthy environment, free of bird infestations. The nets are strong, durable and weather resistant while allowing for enough airflow and light to ensure good crops.

Available in

1.4m X 100m, 1.5m X 100m and 6m X 100m.



Bud Nets

For perfect flower bud development, it's elongation preventing ruffling of petals due to abrasion, wind and handling. Fits well into any type of flower bud and forms ideal packing material till the final customer.

Available in

15mm, 25mm, 30mm, 40mm, 50mm, 70mm and other desired sizes.

AGRI NETS AND GREEN HOUSE MATERIALS



Green House Ropes

Available in different thickness from 6, 8 and 10 mm, These are UV stabilized with high mechanical strength.



Anti Hail Net

Bio Organic Anti hail net is ideal, most effective to prevent the countless damages caused by hail.

Available in
1.5mtrs x 100mtrs but can be customized according to customer specification.



Harvesting Nets

These are durable, UV treated for wrapping harvested flowers. It is very smooth and made from virgin materials, Which minimize the damages to the flowers.

Available in rolls and need based customization are also done.



Shade Nets

Different percentages and colours depending on the customers requirement. Good for Horticulture, Floriculture , Tea Clonning Nurseries, Off -season vegetable growing and Vegetable seedling Nurseries. Silver Shade nets for thrips management is also available.

Available in different shading percentage: i.e 20 - 90% shading factor.



Mulch Film

Different microns depending on the customers requirement. They are used for moisture conservation, maintenance of Soil integrity, weed control and Salinity Control. ***Availability*** in black-black, black - silver, black - white and other colours as per customer specifications.

Available in different thickness: 20 - 100 micron thickness.



Crop Support Ropes / Baling Twines

Support climbing crops, are light in weight, easy to install, flexible, UV stabilized and durable with good strength, resistance to acids and alkalies.

Available in different thickness and colour.

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AGRI NETS AND GREEN HOUSE MATERIALS



Green House Tapes

Green House tapes are self adhesive and uv treated for repair.

Available in 3'' & 4'' by 25 and 50 metres.



Crop Support Net

(Carnation and Summer Flower Nets)

Ideal for support of growing crops in the field.

Available in : In both woven and plastic.

I. 12.5cm x 12.5cm x 1m x 100meters.
ii. 12.5cm x 12.5cm x 1.25m x 100meters.
iii. 12.5cm x 10cm x 1.2m x 100meters
iv. 15cm x 15cm x 1.05m x 100meters.
v. 20cm x 20cm x 1.2m x 100meters.
vi. 20cm x 1m x 1.2m x 1meter.

Other sizes available against prior order



Insect Nets

Bio Organic Insect nets are made of high – density UV protected polyethylene that creates a protective barrier against harmful pests while maintaining ideal conditions for plant growth in greenhouses.

Available in different mesh size. *i.e 30, 40 & 50 Mesh*



Skirting Fibres / Side Curtains

Are of high mechanical strength, easily installed, UV stabilised with precise light fusion.

Available in: 1.5m & 6m width or as per customer requirements



Thermal Nets

These are Aluminum thermal net of high - Quality Metalised Knitted Screen, Highly Reflective Quality, UV resistance and are Uniformly knitted.

Available in: 4m x 50m also available as per the customer requirements.

FARM HAND HELD TOOLS



Secateurs/ Prunning Shears

Made of Brass, both durable and rust resistant.

Different types available are:

1. Cut & Hold.
2. Prunners / Secateurs
3. Super - prunners.
4. Rose Thorn Remover.
5. Fruit Prunner Saw

FARM HAND HELD TOOLS, SPRAYERS & IPM PRODUCTS



Grafting Knife

For accurate grafting and budding, knife has a comfortable grip and is made of steel and brass.

1. Grafting Knife.
2. Patching Knife/ Budding Knife.
3. Mushroom Knife.



Sprayers

High quality, light weight, strong molded tanks with adjustable nylon belts, available in different colours and tank capacities, Ideal for all spraying and fumigation requirements.

Knapsacks

Battery charged and ***Manual sprayers*** available in 5L, 8L, 16 L, 18L & 20 L.

Hand Sprayers

Pressure and Trigger types available in 0.5, 1, 1.5 & 2L.



Catch Master Rolls
(Blue, Yellow & Black)

Catch Master Rolls are glued on both sides ideal for use along the field perimeters, inside green house etc for mass trapping. Catch master Rolls have a durability of about 90 - 150 days depending on Pest level of manifestation and dust.

Target Pests

Catch Master Blue Rolls - Thrips

Catch Master Yellow Rolls - Whiteflies, Thrips and Moths.

Catch Master Black Rolls - Tuta absoluta

Availability & Installation

a) 30cm x 100m, 5 - 6 Rolls / Ha.

b) 15cm x 30m, 8 - 10 Rolls / Ha.



Catch Master Cards
(Blue & Yellow)

Catch Master Cards are glued on both sides and are punched at the top for easy installation hence increasing the contact surface area.

Target Pests

Catch Master Blue Cards - Thrips.

Catch Master Yellow Cards - Whiteflies, Thrips and Moths.

Availability & Installation:

1. A4 (22 x 33 cm) sized (perforated and Tearable into 3 pieces of standard sizes) use 300 - 350 cards / Hectare.
2. 150 x 250 mm use 600 - 700 cards / Hectare.
3. 100 x 250 cm use 750 - 900 Cards/ Hectare.

INSECT TRAPS



Delta Traps & White Sticky liners

Delta traps are ideal for use with pheromone lures to monitor populations of moths. ***Bio Organic Delta Trap*** is made of strong corrugated plastic with a UV resistant coating, making it resistant to rain and degradation by sunlight.

Delta traps available in different colours.



K Glue

Bio Organic K - Glue Is a Polyisobutylene and a mixture of non - harzadous, natural and synthetic resins. Is used as a method of controlling rats or flying insects also it does not contain any hamful substance to human bodies. It is Strong adhesiveness and durable.

PCPB No.: 2799