



Merging Towards Eco-Friendly Environment

SERAMPORE BIOVISION AGRO PVT. LTD.

29A, Weston Street, Kolkata - 700012, West Bengal

Factory : Krishnapur-Chandanpur, Debanandapur, Hooghly - 712123

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Neemacin®

BOTANICAL PESTICIDES

Approved by ECOCERT INPUTS

Organic Certified As Per NPOP
(10,000 PPM & 1,500 PPM)

COMBATS AGRICULTURE PESTS AND REDUCES TOXIC CHEMICALS USE IN PLANTATION CROPS LIKE TEA COFFEE ETC AND AGRICULTURAL PRODUCE. REDUCE TOXICITY I.E. "MRL" PRODUCTS

Neem (Azadirachtin Indica) is a source of environment-friendly botanical-pesticides. The unique feature of neem products is that it does not directly kill the pests, but alter the life-processing behavior in such a manner that the insect can no longer feed, breed or undergo metamorphosis.

Neemacin works on pests as an antifeedant, repellant, and insect growth regulator, At the same time, it does not affect the life cycle of beneficial insects. Neemacin is also biodegradable, and non-mutagenic, leaving no toxic residue and thereby keeping the environment clean and safe.

Neemacin is available in five different concentrations of Azadirachtin namely.

A) Neemacin 300 PPM (Aza – 0.03%) B)Neemacin 1500 PPM (Azadirachtin – 0.15%) C) Neemacin 3000 PPM (Aza – 0.3%) D) Neemacin 10000 PPM (Aza - 1%) E) Neemacin 50000 PPM (Aza – 5%) in 100 ml to 5 Ltrs containers.

Neemacin is a trialled product conducted by I.C.A.R.



Dosage : 2 ml. / Ltr.
(for all strengths)

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Biostic

STICKER CUM SPREADER

Spreading & Wetting Mixture on Silicon Base

Bio-Stic is an ideal nonionic sticker & spreader. It acts as a wetting agent also. It is compatible with conventional fungicides, Pesticides, and micronutrient mixture. Only minute addition of **'BIO-STIC'** along with application chemicals may help to stick around the foliage and eliminate loss of materials due to rapid dropping. **BIO-STIC** helps application materials to spread instantly and to a broader space resulting in lesser usage of chemicals.



Dosage : Bio-Stic is recommended in minute quantity 5 ml. /15 Liters or 70 ml. in 200 Lts. Water.

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NITRO-POWER

(FOLIAR NUTRIENT COMPOUND)

The nutrient deficiency of plants can be restricted by the application of NITRO-POWER as a foliar spray. NITRO-POWER provides nutrients to plants from the 4-leaf stage. It provides nutrition during fruit, flower & stem development.

COMPOSITION :

Total Nitrogen (N)	12 % w/w
Soluble Potash (K2O)	3% w/w
Calcium (Ca)	3% w/w
Phenolic Base	Q.S.



DOSAGE : **2 Ml/Ltr. Or 400 Ml in Drum of 200 Ltrs.**

1 Spray should be done in 4-5 Leaf stage and repeat application after 21 days of interval.

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BOROCAL

(LIQUID CALCIUM BORON)

LIQUID CALCIUM BORON

A nutrient fertilizer supplement for foliar & soil application

- **BORO-CAL** is a Liquid fertilizer supplement for foliar and soil application. It is completely absorbed by the leaf surface or root system because of the Natural Complex Properties of this Phenolic Acid chelating complex.
- Replenish Calcium and boron deficiency easily.
- It builds healthy & vigorous roots.
- Helps to suppress Ethylene developments.
- Helps plants to neutralize organic acids.
- It increases Photosynthesis and stops flower dropping.



GUARANTEED ANALYSIS : Calcium (Ca) 6%, Boron (B) 2%

RECOMMENDED FOR CROPS : Vegetable like Beans, Carrots, Tomato, Potato, Onions etc. Plantation crops like Tea, Coffee, Sugarcane, Cotton etc. Field crops like Paddy, Wheat, Maize etc. Ornamentals & Aquatic plants.

RECOMMENDED DOSE : 2 ml / Liter Or 400 ml / 200 Liter

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PHENOZINC

(LIQUID PHENOLIC ZINC)

THE IDEAL LIQUID ZINC CONCENTRATE IN NATURAL POLYPHENOL BASE FOR FOLIAR APPLICATION

Zinc enhances the heat and frost resistance of plants by stabilizing to some extent their respiration during sharp contrast in temperatures. Zinc shows wide spread deficiency in many crops especially grown in high rainfall and acid soils which include Tea and Forestry. Under such conditions, the deficiency of zinc can only be overcome by extended application in the form of foliar spray. Phenozinc corrects the zinc deficiency which inhibits the conversion of inorganic phosphates into organic forms.



GUARANTEED ANALYSIS : ZINC 10% Adjuvants in Phenolic Base Q.S.

RECOMMENDED FOR CROPS : Vegetable like Beans, Carrots, Tomato, Potato, Onions etc. Plantation crops like Tea, Coffee, Sugarcane, Cotton etc. Field crops like Paddy, Wheat, Maize etc. Ornamentals & Aquatic plants.

RECOMMENDED DOSE : 1 ml / Liter Or 200 ml / 200 Liter

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POLYGROW

MICRONUTRIENT

High Efficient Phenolic Chelate Mixture With Special Emphasis On Nutrition For Foliar Spray For Quality & Yield

ZINC activates various growth-promoting substances and functions largely as a metal activator of enzymes.

BORON influences cell development, functions in pectin synthesis, and facilitates the movement of sugars by forming a permeable boron–sugar complex.

MOLYBDENUM is essential for nitrogen metabolism and for the enzymes that fix and reduce nitrogen in the plant.

COMPOSITION OF POLYGROW :

- **Zinc (Zn) : 5.0% w/w**
- **Molybdenum (Mo) : 0.25% w/w**
- **Boron (B) : 0.5% w/w**
- **Phenolic Base : Q.S.**
- **Sold in a phenolic chelated medium with supportive nutrients in a Bio-Phenolic base that caters to natural NPK for the routine demands of plants.**

Dosage : 2 ml / Ltr. Or 400 ml / 200 Ltr.

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PHENO MAG

LIQUID MAGNESIUM

THE IDEAL LIQUID MAG CONCENTRATE IN NATURAL POLY PHENOL BASE FOR FOLIAR APPLICATION PHENOMAG

Magnesium is an essential micronutrient necessary for normal plant growth.



BENEFIT :

- Increase chlorophyll and rate of photosynthesis.
- Download sugar compound in root zone and as a result increase uptake of soil-applied nutrients.
- Helps resist drought/water logging through regulation of the osmosis process.
- Accelerate plant cell division & promote growth.
- Phenomag is based on a phenolic compound resulting in longer retention in leaf surface in workable condition.

COMPOSITION : Mag 8% & Sulphur 10% Adjuvants in Phenolic Base Q.S.

Dosage : 1 ml / Ltr. Or 200 ml / 200 Ltr.

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SOLBORON-L

LIQUID BORON

SOLBORON-L IS AN ESSENTIAL SINGLE MICRONUTRIENT FOR PLANTS.

10% LIQUID BORON IN CHELATED FORM



BENEFIT :

- SOLBORON-L downloads the sugar from the leaf to the fruits/produces. It prevents the cracking of fruits/produce. It increases the shine of fruits/produces. It increases the cell division.

DIRECTION FOR USE :

For best results, spray in the morning or late afternoon. The addition of nitrogen solution may aid leaf absorption.

Dosage : 1 ml / Ltr. Or 200 ml / 200 Ltr.

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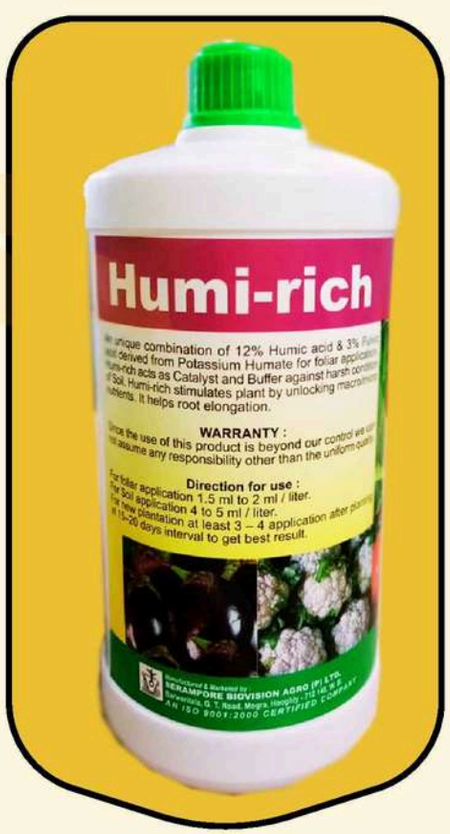
HUMI-RICH

HUMIC & FULVIC ACIDS

A unique combination of 12% Humic acid derived from potassium humate & 3% Fulvic acid for foliar application to the crop, particularly young plantation. Humi Rich can be applied directly to foliage, and soil application can be done with a little higher dose for better moisture holding capacity of the soil & increasing microbial activity in the soil.

BENEFIT :

- Accelerate plant cell division & promote growth.
- Increase root respiration & formation of white roots rapidly.
- Increase rate of photosynthesis.
- Efficient transfer of fertilizers nutrients and micronutrients because of the higher chelation & cation exchange properties of active humic acid.
- Highly water-soluble at pH above 2.
- Better absorption by plants through foliar application.



COMPOSITION : Humic Acid 12% & Fulvic Acid 3%
Adjuvants in Phenolic Base Q.S.

Dosage : 2 ml / Ltr. Or 400 ml / 200 Ltr.

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NUTRI MAZIK

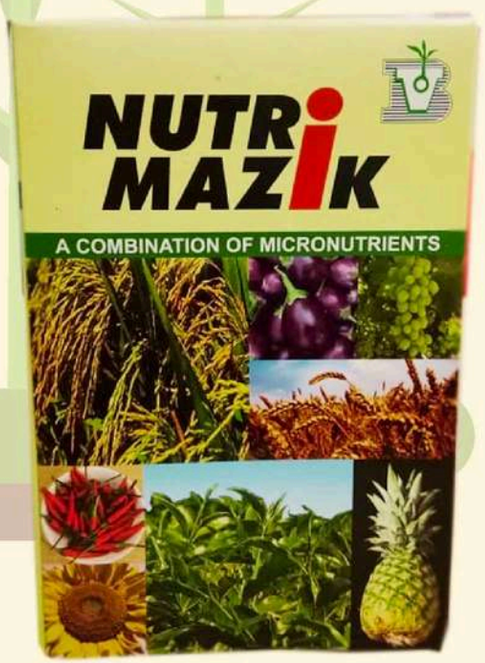
A COMBINATION OF MICRONUTRIENTS

A unique combination of Micronutrient Mixture in Powder Form of Selective Ingredients meant for foliar Spray.

Use of NUTRI MAZIK in Tea, Paddy, Potato, Mango, Wheat, Chillies, Brinjal, Cauliflower, Cabbage, Jhinga, Betelvine, Pineapples, Litchies and other crops.

BENEFIT :

COMPOSITION IS GRADE - II MICRONUTRIENT AS PRESCRIBED BY THE DEPARTMENT OF AGRICULTURE GOVT. OF WEST BENGAL :



B	:	1.0%
Zn	:	5.3%
Mo	:	0.1%
Cu	:	2.4%
Mn	:	5.0%

RECOMMENDED DOSE: 2 Gm. / Ltr. of Water

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ZINC, MAG, BORON IN SALT FORM

SOIL APPLICATION

Boron (B 10.5%) exists primarily in soil solutions as the BO3-3 anion – the form commonly taken up by plants. One of the most important micronutrients affecting membrane stability, B supports the structural and functional integrity of plant cell membranes. Boron-deficiency symptoms first appear at the growing points, and certain soil types are more prone to boron deficiencies.

Magnesium Sulfate (9.6%) helps seeds germinate, makes plants grow bushier, produces more flowers, increases chlorophyll production, and deters pests, such as slugs and voles. It also provides vital nutrients to supplement regular fertilizer.

Zinc (Zn 21%) is taken up by plants as the divalent Zn+2 cation. It was one of the first micronutrients recognized as essential for plants and the one most commonly limiting yields. Although Zn is required only in small amounts, high yields are impossible without it.







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MICRO POWER

Growth Promoter

Micropower is an organic plant growth regulator. This is an extract of pure Seaweed named Ascophyllum nodosum. It contains 60 naturally occurring major & micro Nutrients, Carbohydrates, Amino acids and growth hormones. It is 100% vegetarian origin and nothing has been blended from outside. It is eco-friendly and not harmful to animals also. No side effect has been observed till now.

Use of Micro Power to all crops gives good result. Plantation crops like Tea, Coffee, Black Peepers, fruit crops like Grapes, Pomegranate, Mango, Pineapple, Vegetable like Cabbage, Cauliflower, Broccoli, Brinjal, Potato, Tomato etc. Cereals like Paddy, Wheat, Pulses, Groundnut etc. gives tremendous response in all aspects on foliar spray.



Micropower enhances the quality of produce & compatible with almost all insecticides.

RECOMMENDED DOSE: 2 ml / Liter Or 400 ml / 200 Liter

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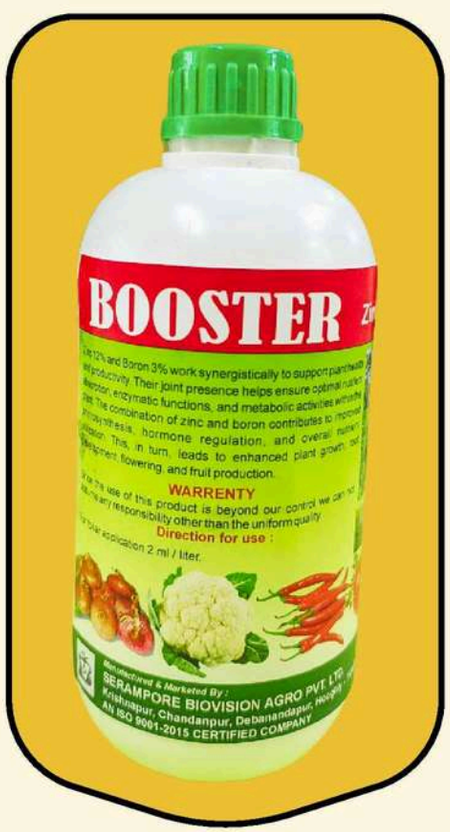
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BOOSTER

ZINC & BORON COMBINED MICRONUTRIENT

Zinc 12% and Boron 5% work synergistically to support plant health and productivity. Their joint presence helps ensure optimal nutrient absorption, enzymatic functions, and metabolic activities within the plant. The combination of zinc and boron contributes to improved photosynthesis, hormone regulation, and overall nutrient utilization. This, in turn, leads to enhanced plant growth, root development, flowering, and fruit production.



Booster can be used in following crops like Tea, Coffee, Paddy, Wheat and other vegetables like potato, Cabbage, Capsicum, Carrot etc.

Active Ingredient - Zinc 12% & Boron 5%

RECOMMENDED DOSE: 2 ml / Liter Or 400 ml / 200 Liter

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NEEMURE GOLD

NEEM CAKE ORGANIC MANURE

Neem cake organic manure is the by product obtained in the process of Neem oil extraction from Neem fruits/Seeds. Neem cake as organic manure is traditionally used in India as manure for soil application.



Neemure organic manure contains organic nutrients like Nitrogen, Phosphorous, Potassium, Calcium, magnesium etc., including Sulphur and bitter Limonoids. This organic manure is a proven soil conditioner in blends with other manures like, urea, Farmyard manure etc., for its benefits of organic nutrients, pest repellent properties and its control on soil bound nematodes.

RECOMMENDED DOSE: **4 Kg. per Bigha**
12 Kg. Per Acre

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NEEM SHAKTI

PURE NEEM CAKE

Neem Cake is an organic by product of Neem Seed Oil production. Neem Cake is used as a natural fertiliser. We supply Neem Cake which is extensively used in organic farming and agriculture. It is rich in nitrogen, phosphorus, sulphur, calcium and is widely required for the growth of high yield of crops. The neem cake powder increases the nutrient content and fertility, when mixed with soil.

Chemical Composition of Neem Cake Powder :

Nitrogen: 3.56%
Phosphorous: 0.83%
Potassium: 1.67%
Calcium: 0.99%
Magnesium: 0.75%



Uses : **It is very good organic soil conditioner retains Nitrogen In Soil, widely used in various vegetables plants and crops.**

RECOMMENDED DOSE: 20 Kg. per Acre

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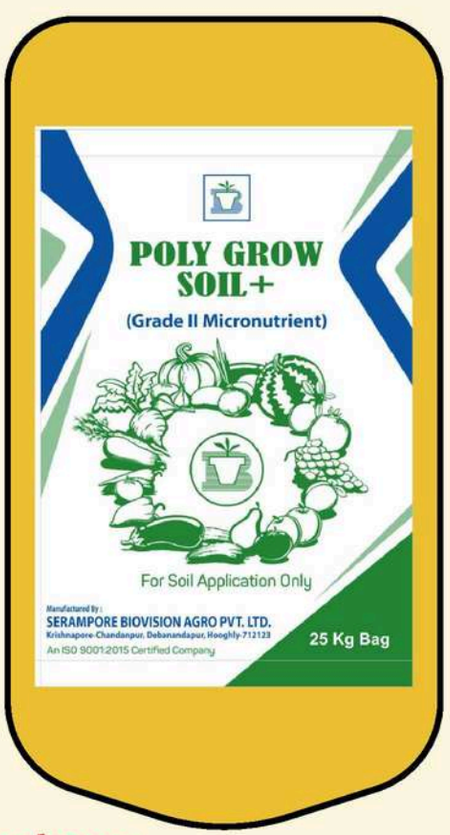
POLYGROW SOIL+

Grade II Micronutrient in Granules Form

Grade II Micronutrient Soil Application is an effective strategy for correcting multiple micronutrient deficiencies in the soils of West Bengal. Balanced use of micronutrients enhances crop productivity, improves produce quality, and supports sustainable soil health. Adoption of Grade II Micronutrient Mixtures based on soil testing and integrated nutrient management practices is recommended to achieve long-term agricultural sustainability in the state.

Chemical Composition of Polygrow Soil+ :

Zinc (Zn) : 3.60% W/W
Copper (Cu) : 0.80% W/W
Boron (B) : 0.70% W/W
Vermicomposed Base



Benefits of Polygrow Soil+ :

- Corrects deficiencies of zinc, copper and boron in the soil; dose based on soil testing.
- Improved grain quality and nutritional value.
- Better root growth and nutrient absorption.
- Enhanced flowering and fruit setting.
- Reduced physiological disorders caused by micronutrient deficiencies.
- Improved fertilizer use efficiency of NPK fertilizers.
- Long-term improvement in soil fertility and crop sustainability.

RECOMMENDED DOSE: 15 Kg. per Hectare

PACK SIZE : 25 KG BAG

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About Company

SERAMPORE BIOVISION AGRO PRIVATE LIMITED was constituted in the year 1994 by a group of qualified Technical people with an eye to produce Eco friendly Agro products including Neem Based BIOPESTICIDE AND Neem Manure. The company has the registered office at OMER MANSION, Room No: 7C, 3rd Floor, 29A, Weston street, Kolkata: 700012. The factory is at Krishnapore, Chandanpore, Debanandapore, P.S. Chinsurah, Hooghly and is in operation from April, 2012, we have our old factory at Mogra.

THE DIRECTORS: The company at present has three Working Director namely DIBYENDU GHOSH, CHANDAN BAGCHI, SUMIT GHOSH all of them being having Technical Back ground and enough of experience. Other than Directors a few eminent Soil Scientists and Agriculture Technologists are involved in our operations.

LICENCES AND AFFILIATIONS: M/s. Serampore Biovision Agro Private Limited could secure a number of Licences and registrations.

a) Central Insecticide Board has given registrations Bio pesticides i.e AZADIRACHTIN (Neem based) formulation 300 ppm, 1500 ppm, 3000 ppm, 10000 ppm min., 50000 ppm

b) Manufacturing and marketing Licences of Micronutrients and Manure from Director of Agriculture, Govt. of West Bengal.

c) Manufacturing Licences of Neem Based Pesticide from Dept. Of Plant Protection and Quality Control under Directorate of Agriculture, Govt. of West Bengal.

d) Registered with NSIC and MSME & NPOP

e) Secured coveted BIS Licences Mark of Neem Pesticides 300ppm, 1500ppm, 3000ppm & 10000ppm probably only in SSI sector in Eastern India.

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Vision And Mission

Vision

To promote organic farming globally by using the rich heritage of neem. Marching towards an eco-friendly society through bio-organic farming.

Mission

To provide natural neem-based insecticides to farmers worldwide that contain Azadirachtin as the active ingredient, by making quality products that are allowed for organic use, economical and low in toxicity. Always upgrading the quality of the products since inception.

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