



BIO-FERTILIZERS, BIO-PESTICIDES & BIO-PLANT GROWTH REGULATORS

FOR ALL CROPS. FRUITS. VEGETABLES. SPICES. FLOWERS. TREES. GRASS.

www.aamhiexportkar.com



**"The land is truly alive, it breathes, it hears,
it speaks, and it demands respect and care."**

- Mahatma Gandhi



ABOUT US

We specialize in a comprehensive range of innovative, scientifically-backed and on-field tested biological farm inputs. Soil Tattva in Sanskrit means “essence of the soil”. Soil is the soul of agriculture. Our products are alternatives to chemical fertilizers, enriches soil, improves nutritional quality of produce and enhances livelihood of farmers.

OUR MISSION

Improve soil health by reducing dependence on chemical fertilizers which leads to minimizing carbon footprints of agriculture and maximizing nutritious farm output.

OUR VISION

- To create effective biological alternatives to chemical fertilizers.
- To offer sustainable and eco-friendly solutions to farming communities worldwide.
- To enhance farmers' livelihoods through innovative agricultural practices.
- To ensure that food consumed globally is organic and nutritious.
- To reduce agriculture's environmental footprint through responsible practices using innovative farm inputs.



OUR CORE VALUES



**Sustainable
farm practices**

**Community
relationship**

**Alternatives
to chemical
fertilizers**

**Prioritize Health
& well-being of
consumers**

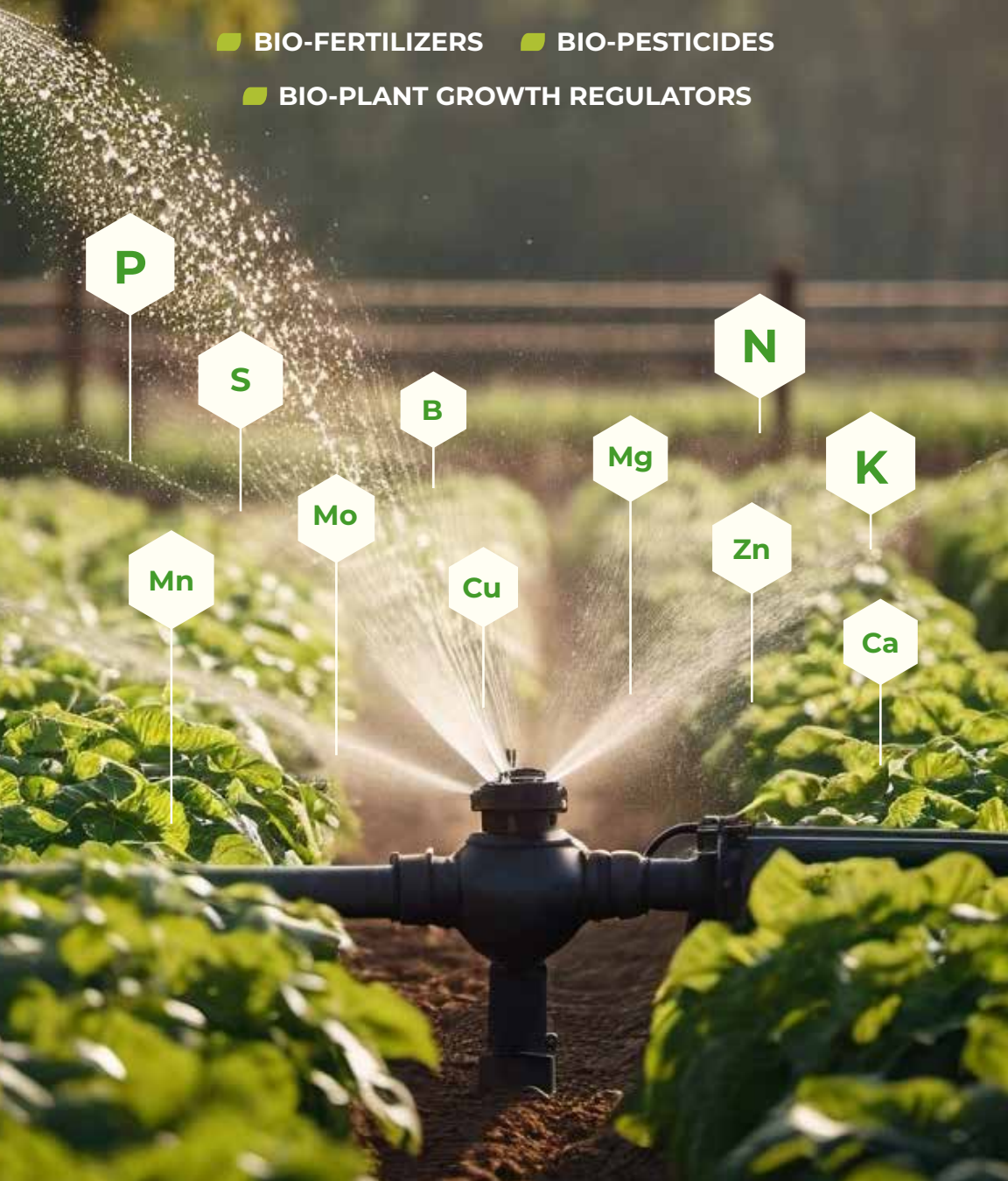
**Build resilient
farming system**

**Contribute to
food security**

OUR RANGE OF

■ BIO-FERTILIZERS ■ BIO-PESTICIDES

■ BIO-PLANT GROWTH REGULATORS



P

S

B

N

K

Mg

Zn

Ca

Cu

Mo

Mn

BIO-FERTILIZERS				
No.	Product	Format		
		Sachet	Powder	Liquid
1	Acetobacter	✓	✓	✓
2	Azospirillum brasilense		✓	✓
3	Azotobacter	✓	✓	✓
4	Azotobacter + Azospirillum	✓		
5	Azotobacter, Bacillus & beneficial bacteria	✓		
6	Bone meal		✓	
7	Consortia (PSB+KMB+ZSB)	✓	✓	✓
8	Fish powder		✓	
9	Live Earthworms	Live worms		
10	Phosphorous Solubilizing Bacteria	✓	✓	✓
11	Potash Mobilizing Bacteria	✓	✓	✓
12	Rhizobium	✓	✓	✓
13	Silicon	✓		
14	Sulphur Solubilizing Bacteria	✓		
15	Vermicompost		✓	
16	Vermiwash			✓
17	Zinc Solubilizing Bacteria	✓	✓	✓

BIO-PESTICIDES		
No.	Product	Format
1	Bacillus subtilis	Sachet Powder Liquid
2	Bacillus Thuringiensis	Sachet
3	Beuveria bassiana	Sachet Powder Liquid
4	Chitosan Acetate	Powder Liquid
5	Chitosan HCL	Powder Liquid
6	Karanj Oil	Oil Cake
7	Metarhizium anisopliae	Sachet Powder
8	Neem+ Karanj+ Mahua+ Pungam	Oil Cake
9	Neem Oil	Oil Cake
10	Paecilomyces lilacinus	Powder Liquid
11	PBT Consortium (pseudomonas, basillus, trichoderma)	Liquid
12	Pseudomonas fluorescens	Sachet Powder Liquid
13	Pseudomonas fluorescens & Bacillus subtilis	Sachet
14	Vesicular Arbuscular Mycorrhizae (VAM)	6000, 3000, 1500 IP Powder
15	Verticillium chlamydosporium	Sachet Powder Liquid
16	Trichoderma harzianum	Sachet
17	Trichoderma viride	Sachet Powder Liquid

BIO-PLANT GROWTH REGULATORS

No.	Product	Format		
		Granules	Powder	Liquid
1	Amino Acid		80%	✓
2	Humic Acid	60%	98%	12%
3	Humic + Fulvic Acid		✓	✓
4	Humic+ Fulvic + Amino Compound		✓	✓
5	Seaweed Extract		✓	✓

OTHERS

No.	Product	Format
1	Cocopeat	Block of 650gm & 5Kg
2	Hydrogel	Liquid
3	Quick Boost	Powder
4	Wetting Agent	Liquid

SOIL TATTVA BIO SACHET

Sachet format is our innovative “low dose technology” product, backed by extensive R&D and on-field testing across various geographies and climatic conditions. Bio-Sachet delivers the right quality and quantity of beneficial microbes to the crops with the lowest input cost.



Each water-soluble, biodegradable, and inert Soil Tattva Bio sachet contains beneficial bacteria in a dormant stage. It delivers a wide range of biofertilizers and biopesticide bacteria.

One sachet is sufficient for one acre or 0.40 hectares of land.

SOIL TATTVA WATER SOLUBLE SACHET

METHOD OF APPLICATION

- Dissolve Soil Tattva Bio Sachet in 1-3 litres of clean water. It gets dissolved in less than 10 minutes.
- Let this water remain still for 30 minutes to activate bacteria.
- Transfer this water in 200 liters of water as per the application and you have a solution with active bacteria.



- **Bio sachet over dose has no side effects**
- **Available variant - 5gm / 10gm/ 100gm Sachet**
- **Certificates available - COA / MSDS REPORT / TEST REPORTS**

Note - Apply regularly in 15-day intervals for better results, increased fertility, and developed soil structure.

COMPARISON BETWEEN OTHER POWDER & LIQUID WITH SOIL TATTVA BIO SACHET

	Conventional		Soil Tattva
	Powder	Liquid	Bio Sachet
CFU Count	5x10 ⁷ /gm	1x10 ⁸ /ml	1x10 ¹² /gm
Shelf Life	6 Months	12 Months	16-24 Months
Formulation	5 crore (Cells/gm)	10 crore (Cells/ml)	1 lakh crore (Cells/gm)
Serving Count	3.5 Kg	2-3 Ltr	1 Bio Sachet
Cost	Very High	Very High	Lowest
Quantity Needed	Very High	High	1 Bio Sachet
Field Results	Slow	Slow	Fast
Carrier material	98-99 gm/Kg	98-99 ml/L	4.5 gm
Ease of different applications	No	No	Very Easy
Effect in different temperatures	No	No	Yes
Storage Cost	High	Very High	Lowest
Handling Cost	High	Very High	Lowest
Transportation Cost	High	Very High	Lowest

BENEFITS

**Higher
CFU Count**

**Good Water
Solubility**

**Higher
Shelf Life**

**Low Storage
Cost**

**Easy to
Transport**

**Easy to
Handle**

**Reduced Air
Pollution**

**Reduced
Water
Pollution**

**Reduces
Input Cost**

**Improves
Farm Output**

100% ORGANIC

RANGE OF BIO-FERTILIZERS

SOIL TATTVA BIO N.P.K.

Consortium of Nitrogen, Phosphorus, and Potash bio-fertilizers.



- Increases crop yield by 20-30%
- Saves input cost by 25-30%
- Replaces requirement of chemical fertilizers by 25%
- Stimulates plant growth
- Biologically activates the soil
- Protects against drought and some soil-borne diseases.
- Restores natural soil fertility

SOIL TATTVA BIO POTASH

Potassium Mobilizing Bacteria

- Reduces the need for chemical fertilisers up to 60%
- Aids in balanced growth and development of crops
- Improves quality of output
- Increases resistance of crops to hot and dry conditions



SOIL TATTVA BIO PHOS

Phosphate Solubilizing Bacteria



- Transforms insoluble P forms into soluble P forms and make them available to growing plants.
- Helps in crop growth
- Increases farm yield and productivity.

SOIL TATTVA BIO ZINC

Zinc Solubilizing Bacteria

- Increases crop yield and the quality of the produce
- Improves the physiological activities of plants increasing yield
- Improves roots and plant growth



SOIL TATTVA BIO NITRO

Azotobacter



- Promotes root proliferation and increases crop yield by 30 %
- Reduces the requirement of N fertilizer for the crop
- Helps plants acquire water and nutrients efficiently
- Produces growth-promoting substances (PGPR)
- Produces antibiotics, suppressing a variety of root pathogens

SOIL TATTVA BIO ACETO

Acetobacter

- Boosts nitrogen fixation
- Produces growth compounds like Gibberellins, Biotin, and Nicotinic acid improving the plant's vigour and growth



SOIL TATTVA BIO RHIZO

Rhizobium



- Rhizobium is vital source of Nitrogen to agricultural soils, including those in arid regions
- Increases soil productivity and fertility
- Improves plant health, root growth, and enhanced stress tolerance of crop
- Effective and widely used bio-fertilizer

SOIL TATTVA BIO SULPHAR

Sulphur-solubilizing bacteria

- Helps in the chlorophyll formation
- Improves plant's winter hardiness & enhances nutrition to all crops
- Effective antifungal properties



SOIL TATTVA BIO SILBAC

Silicon



- Strengthens cell walls, making plants more resistant to pests, diseases, and environmental stresses
- Improves crop yields and quality of produce
- Contributes to sustainable agriculture by reducing nutrient leaching and runoff, minimizing environmental impact

SOIL TATTVA BIO SEED CARE

Azotobacter, Bacillus species and beneficial bacteria

- Protects germinating seeds and seedlings against soil and seedborne infections
- Enhances seed germination, early and uniform start and growth
- Improves germination percentage
- Increases the biomass and improves the final yield



RANGE OF BIO-INSECTICIDES

SOIL TATTVA BIO NIMATOCARE

Verticillium chlamyosporium



- Natural and eco-friendly Bio-Nematicide
- Preserves beneficial microbes and maintains ecological balance
- Promotes sustainable agriculture and healthier crop growth

SOIL TATTVA BIO BACILV

Bacillus subtilis

- Controls disease-causing pathogens which cause root rot, root wilt, seedling rot, early blight leaf spot, and mildew disease in crops
- Enhances plant disease resistance



SOIL TATTVA BIO SUDON

Pseudomonas fluorescence



- Protects crops from several plant pathogens
- Induces resistance in crops
- Promotes plant growth by PGR activity

SOIL TATTVA BIO BACTO CARE

Combination of Pseudomonas fluorescence and Bacillus subtilis

- Promotes plant growth by producing phytohormones.
- Suppresses soil-borne pathogens with antibiotics & antifungal compounds.
- Triggers plant defenses for disease resistance.
- Solubilizes nutrients for plant availability.
- Forms biofilms on plant roots to enhance nutrient uptake and protect from pathogens.



SOIL TATTVA BIO TRICHO

Trichoderma Viride



- Reduces need for chemical fungicide
- Cost-effective and environment friendly.
- Contains growth-promoting substances for seed sprouting and plant growth
- Increases plant resistance to environmental stress
- Improves yield
- Safe, sustainable, and harmless bio-fungicide

SOIL TATTVA BIO HARZIA

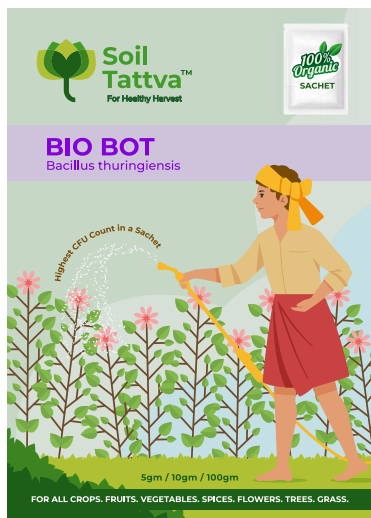
Trichoderma harzianum

- Controls pathogenic fungi effectively through parasitism, antibiotic and lytic enzyme production and substrate competition
- Controls nematodes and facilitates mobilization of phosphates and other micro-nutrients
- Increases abiotic stress
- Safe, sustainable, and harmless bio-fungicide



SOIL TATTVA BIO BOT

Bacillus thuringiensis



- Most successful microbial insecticide
- Useful alternative to synthetic chemical pesticide
- A key source of genes for transgenic expression to provide pest resistance in plants
- Can be used for a wide variety of plants, crops, vegetables, fruits, grass and spices increasing crop productivity
- Does not cause harm to the beneficial parasites

SOIL TATTVA BIO META

Metarhizium anisopliae

- Pet-friendly, infant-friendly, and eco-friendly.
- Helps maintain ecological balance and protects economically important crops.
- Reduces pests, leading to improved plant health and crop productivity.
- Causes no harm to beneficial parasites and useful predators.
- Excellent for managing thrips and can be applied at the harvest stage.



SOIL TATTVA BIO BASILINA

Beauveria bassiana



- Effective against wide variety of pests
- Safe for the environment, non-toxic to humans and animals
- Provides longer-term pest control
- Minimal harm to beneficial microbes

SOIL TATTVA BIO VERTILEC

Verticillium lecanii

- Biological insecticide based on a selective strain of naturally occurring fungus *Verticillium lecanii*
- Effective against sucking insects like aphids, thrips and white flies
- Works by infecting and killing pest insects
- Does not harm beneficial insects or the environment



SOIL TATTVA CHITOSAN HCL & ACETATE LIQUID

Pure Chitosan 10% w/w

The Most Consistent Chitosan



- Demonstrated benefits in agriculture for more than 3 decades backed by abundant scientific literature.
- More than 20 years of research in collaboration with **German (Muenster), French (Lyon)** and Indian (Hyderabad and Pantnagar) Universities.
- Research programs **funded by E.U. and Indo-German cooperation**

Consistent Oligomeric to polymeric Ratio

Ensure consistent application
quantity for optimal results

Consistent degree of Acetylation

Ensure predictable results
batch after batch

Consistent concentration

Well suited for
agricultural applications

Consistent concentration

A 3-year shelf-life, with
sustained efficacy & usability.

Consistent quality

Ensure reliable end product

Consistent viscosity

Ensure stable results
in agriculture

Chitosan HCL and Acetate

- Boosts plant immunity
- Possess antimicrobial action
- Stimulates the natural defence mechanism of plants
- Improves biotic and abiotic stress resistance of plants
- Can be used for various applications – seed coating, & root drenching, foliar spray
- Effective for a wide variety of plants, crops, tubers, flowering & fruiting plants, spices & grass
- Reduces the need for chemical fungicides & pesticides by 30%*
- Betters crop yield with lower carbon footprints

*When Chitosan is used from the early stages of plant growth to build up the plant's immune system. 30% is a conservative value that depends upon factors such as fungal load and environmental conditions.



Exporters of premium quality indigenous produce
From Bharat With Love

Aamhi Exportkar strives to deliver premium quality products which promote organic farming and sustainable living, crafted in India, incorporating eco-conscious practices.

“Aamhi Exportkar” translates to “We, the Exporters” in Marathi. We offer not only enhanced lifestyle experiences but also celebrates the rich and diverse cultural tapestry of India.



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