

Serving farmers, serving mankind



MICRO BAC INDIA
ISO 9001-2008 certified company

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Micro Bac India

Micro Bac India is one of the first of its kind in India excelling in the production of Biofertilizer, Organic Fertilizer and Biopesticide. The main target of this company has always been to extend a helping hand to the farmers across India and in the long run helping to achieve more yields in production of crops across the country. Born in 1981 and registered with the SSI in 1982, Micro Bac India has pioneered in large scale production of a wide range biological fertilizers, organic fertilizer and biological pesticides in Eastern India.

The key to success for this company is its strong research focus with sophisticated state-of-art laboratories manned by experienced personnel team and backed by modern manufacturing facilities. The basic corporate focus is on:

- 1) Uncompromising quality control
- 2) Dedicated marketing support
- 3) Continuing product development.

Through these years Micro Bac India has come over a long way and at present stands the industry leader in the Eastern India in Bio and Organic fertilizer and Bio-Pesticide market. The unit commands markets throughout the Eastern and North-eastern states of India like West Bengal, Assam, Orissa, Jharkhand, Bihar, Manipur and Tripura.

Main Clients:

Departments of Agriculture- Govt. Of west Bengal, Assam, Bihar, Orissa, Jharkhand, Manipur, Tripura.

Department of Horticulture- Govt. of West Bengal.

Dept. of Forestry- Govt. Of west Bengal, Manipur, Tripura, Assam and Odisha.

Dept. of Sericulture- Govt. of Assam.

Forest dev. and Plantation Corporation- Govt. of Tripura, Odisha and Manipur.

Tea dev. Corporation- Govt. of Tripura

Apart from direct orders from the above, the products of Micro Bac India reach a large no. of Farmers, Co-operatives and Agriculturists through the company's distributors.

Bio fertilizer**

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
UPAJ	Non symbiotic Nitrogen fixing bacteria (<i>Azotobacter</i> sp.)	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 3kg/50kg compost/acre.	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 5kg/50kg compost/acre.	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.
FASAL	Phosphate solubilizing bacteria (<i>Pseudomonas striata</i>)	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 3kg/50kg compost/acre.	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Soil application: 5kg/50kg compost/acre.	Soil application: 5kg/50kg compost/acre. Seed treatment: 10g/kg seed	Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.



Upaj
Contains
Azotobacter, which
fixes atmospheric
Nitrogen directly to
soil, also produces
IAA, GA.



Fasal
Pseudomonas
striata solubilizes
insoluble
Phosphates in soil.
Replaces chemical
phosphate fertilizer
by 50%

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
ARBUD	Symbiotic Nitrogen fixing bacteria (<i>Rhizobium</i> sp.)	-	-	-	Soil application: 3kg/50kg compost / acre. Seed treatment: 10g/kg seed (Recommended only for leguminous crops)	-	-	Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.
CHAMAK	Associative symbiotic nitrogen fixing bacteria (<i>Azospirillum</i> sp.)	-	Soil application: 5kg/50kg compost /acre. (Recommended only for Sugarcane, wheat, paddy)	-	-	-	-	Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.
URBARA	Bio N.P.K.	Soil application: 5kg/50kg compost /acre.						Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.
KANISH	Potassium mobilizing bacteria (<i>Frateria aurentia</i>)	Soil application: 5kg/50kg compost /acre.						Carrier based: 100g, 250g, 500g, 1kg Liquid based: 50ml, 100ml, 500ml, 1lt.

**Biofertilizers can replace the use of chemical fertilizer up to 50%. In case of soil application, Biofertilizers can be applied 7 days before or after, not along with, the application of chemical fertilizer. Biofertilizers show good results with Biofungicides and Neem products.



Arbud
Rhizobium sp.
forms nodule
in roots of
leguminous
crops, helps
fixing
Nitrogen.



Chamak
Azospirillum sp.
fixes nitrogen
from air to soil.
Best suitable for
wheat,
sugarcane, paddy
crops.



Urbara
Unique formulation
of Bio N- fixing, P-
solubilizing and K-
mobilizing
bacteria.



Kanish
Contains *Frateria*
aurantia, the best
Potassium
mobilizing bacteria
for all crops.

Bio fungicides**

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
Rakshak	<i>Trichoderma viride</i> -1% WP	Soil application: 3kg/50kg compost /acre. Seed Treatment: 6g/kg seed	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre. Seed Treatment: 6g/kg seed	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre.	100g, 250g, 500g, 1kg
Uddhar	<i>Pseudomonas fluorescens</i> -0.5% WP	Soil application: 3kg/50kg compost /acre. Seed Treatment: 10g/kg seed	Soil application: 3kg/50kg compost /acre. Seed Treatment: 10g/kg seed	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre.	Soil application: 3kg/50kg compost /acre.	

**Biofungicides can not be applied along with chemical fungicides/pesticides. Biofungicides show good results with Biofertilizers and Neem products.

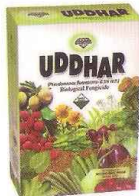
Botanical Pest Repellent

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
Plantoneem	Pure neem cake	Soil application 10kg/acre.	Soil application 6kg/acre.	Soil application 10kg/acre.	Soil application 6kg/acre.	Soil application 10kg/acre.	Soil application 10kg/acre.	1kg, 5kg



Rakshak

T. Viride is the best Bio-fungicide to fight against root rot, stem rot, collar rot and fungal wilt diseases of vegetables.



Uddhar

P. fluorescens is the best to cure bacterial wilt and bacterial soft rot disease of vegetables. It increases germination percentage and vigor of crops.



Plant O Neem

Best quality pure neem cake. Acts as pest repellent and Helps in plant growth.

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
Plantoneem-L	Pure neem oil (Azadirachtin 2000 ppm. Min.)	Foliar spray@ 3ml/lt. with 1ml BANDHAN. Also applied as urea coating. Compatible with chemical (Imidacloprid, Acetamiprid, Fipronil, Cypermethrin, Organo phosphorus compounds, Indoxacarb etc.) pesticides.						100ml, 250ml, 500ml, 1lt.

Organic Soil Modifier

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops Soil	Cereal Crops Soil	Tuber Crops Soil	Pulses and Oil seeds	Fiber Crops Soil	Fruits and Horticultural Crops Soil	
Orgasol	Humic acid	application: 15-20kg/acre	application: 15kg/acre	application: 15-20 kg/acre	application: 15kg/acre	application: 15kg/acre	application: 15-20 kg/acre	1kg, 5kg, 25kg
Plantozyme	Humic acid, amino acids in bentonite granule base	Soil application: 5kg/acre						1kg, 5kg, 10kg
Plantaid Hira sona	Humic acid, amino acids, and growth stimulators in bentonite granule base	Soil application: 5kg/acre						10kg

Plant O Neem-L
Pure neem oil is broad spectrum pest repellent, efficiently kills sucking pests and also caterpillar pests.



Orgasol
Contains Humic acid, Fulvic Acid in powder base. Keeps the soil healthy and pH in neutral range.

Plantozyme
100% organic. It is mixture of humic acid, fulvic acid, amino acid in granular form. Keeps the soil healthy.



Plantaid Hira Sona
Contains humic acid, amino acids and growth stimulators. Makes the soil healthy, fertile and helps in plant growth



Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
Plantaid Badsah	Combination of Major, secondary, micro nutrients and other plant food supplement in organic globule form	Soil application: 3kg/acre						500g

Plant food supplement

Brand Name	Technical	Dosage and method of application						Available Packing
		Vegetables Crops	Cereal Crops	Tuber Crops	Pulses and Oil seeds	Fiber Crops	Fruits and Horticultural Crops	
Plant Boost	17 essential amino acids with Zinc	2 Foliar Spray @ 2ml/lt. @ 21 days interval	-	-	-	-	2 Foliar Spray @ 2ml/lt. @ 21 days interval	100ml, 250ml, 500ml, 1lt.

Non ionic Sticking and wetting agent

Bandhan	Non ionic sticking cum wetting agent	1ml/lit. of chemical (fungicide, pesticide, fertilizer) mixture.	100ml, 250ml, 500ml, 1lt.
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Plantaid Badsah

Contains all essential nutrients in organic globular form. Efficient growth stimulator.



Plant Boost

It is combination of essential amino acids with chelated zinc. Highly efficient for flowering and fruiting. Best suitable for horticultural crops.



Bandhan

Non-ionic, highly efficient agricultural sticking cum wetting agent.



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