



**NOW IN ITS FIFTH DECADE OF
PIONEERING MODERN NUTRIENT TECHNOLOGY**

MICRO BAC INDIA

BACTERIAL FERTILIZERS

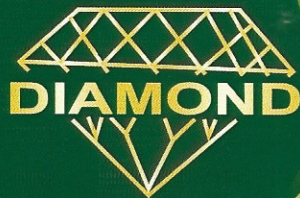
MICRO CHEMICALS INDIA

MICRONUTRIENTS

MICRO FARM

FISH FEED AND FEED SUPPLEMENT





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MICRO CHEMICALS INDIA

Background

In recent years targeted yields have rarely been obtained. The uncertainty in achieving the anticipated yield is particularly conspicuous in the field of agriculture or crop production. The reason behind this is that the application of simple NPK fertilizers with or without organic manure to the soil for ensuring good crops is a matter of the past. Even appropriate correcting or ameliorating measures against salinity or acidity and good irrigation are found to be ineffective and failure of such practices are becoming more and more apparent.

The problem as indicated above has reached alarming proportions in some areas mainly due to deficiency of certain elements which are known as micronutrients and are needed in small amounts by plants. Birth of Micro Chemicals India:

Micro Chemicals India was set up in 1985 to explore the emerging world of micronutrients. This was a pioneering venture for Eastern India.

Indian agriculture was largely ignorant of nutrients beyond NPK. Few farmers were aware that small quantities of micronutrients could dramatically increase production, while reducing a much higher amount of applied NPK. Micronutrients could thus save money and protect the ecology while increasing crop yield and quality.

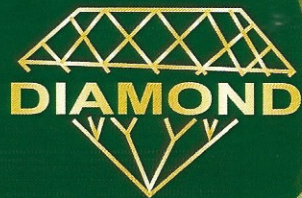
The Challenge lay at both ends:

1. To develop a range of single and multiple micronutrients that would be effective over a cross section of crops and soils.
2. To educate farmers to invest in nutrients other than chemical NPK. R&D in the laboratory had to be followed up with endless field trials, and then regular farmer meetings.
3. Once the formulations are finalized, strict quality control was necessary so that manufacture was without fault. This was critical for a new product concept.

Present scenario:

Today 'Plantaid' is a dominant brand trusted by a large and growing population of farmers. The concept of micronutrients has spread widely and our range of products has grown with demand, with single micronutrient, combination micronutrient and soil conditioners. In the process the team has also gained the trust of forests and governmental agricultural and horticultural departments. The MCI team commands markets throughout the Eastern & North Eastern states plus UP, Odisha, Bihar and Jharkhand.





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CHELAZIN FOLIAR: COMBINATION
MICRONUTRIENT FERTILIZER WITH
ZN,B,MG,S. SPRAYAPPLICATION



CHELAZIN SOIL: COMBINATION
MICRONUTRIENT FERTILIZER WITH
ZN,B,CU,FE,CA,MG,S. SOIL
APPLICATION



PLANTAID SOIL: COMBINATION
MICRONUTRIENT FERTILIZER WITH
ZN,B,CU,FE,CA,MG,S. SOIL
APPLICATION



PLANTAID LIQUID: COMBINATION
MICRONUTRIENT FERTILIZER WITH
ZN,B,CU, MN,CA,MG,S. SPRAY
APPLICATION



PLANTAID SUPER: SPECIALIZED
COMBINATION MICRONUTRIENT
FERTILIZER FOR VEGETABLE CROPS



PLANTAID SPECIAL: SPECIALIZED
COMBINATION MICRONUTRIENT
FERTILIZER FOR VEGETABLE CROPS



PLANTAID ADVANCED: SPECIALIZED COMBINATION MICRONUTRIENT
FERTILIZER FOR VEGETABLE, HORTICULTURAL, ORNAMENTAL CROPS



PLANTAID POTATO SPECIAL:
SPECIALIZED COMBINATION
MICRONUTRIENT FERTILIZER FOR
POTATO.



PLANTAID TUBER SPECIAL:
SPECIALIZED COMBINATION
MICRONUTRIENT FERTILIZER FOR
TUBER CROPS.



CHELAZIN: ZINC 12%
IN EDTA CHELATE



MICRO ZINC 21: ZINC
SULPHATE 21%



DIAMOND

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ALRIGHT: CALCIUM NITRATE
GRANULE FERTILIZER



PLANTAID MAGNESIUM:
MAGNESIUM SULPHATE



PLANTAID BORON:
BORON 10.5% SOIL
APPLICATION



BOROMAX: BORON
20% SPRAY
APPLICATION



NUTRISULF-L: LIQUID SULFUR
22-24% SPRAY APPLICATION



PLANTAID KRISHI CHUN: AGRI
LIME. SOIL APPLICATION



MICRODEX: CUTTING AND
ROOTING HORMONE



SOIL CONDITIONER: AGRI
LIME. SOIL APPLICATION



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Company profile of 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.

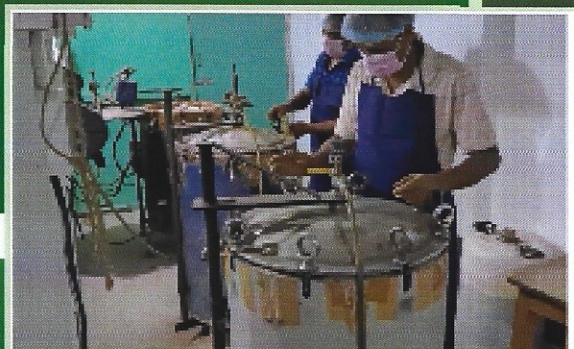
Born in 1981 and registered with the SSI in 1982, Micro Bac India has pioneered in large scale production of a wide range biological fertilizers, organic fertilizer and biological pesticides in Eastern India. The enterprise was started with the guidance of eminent visionary scientists like the Late Dr. P. N. Nandi, a legend in the world of microbial technology.

In 1981, the concept of microbial fertilizers was virtually unknown beyond laboratories. The concept of chemical fertilizers like NPK, developed during the green revolution, was only known to Indian farmers. But a time came when the Govt. recognized the threats the indiscriminate use of these chemical fertilizers and pesticides pose for the environment and above all, over the past few years, the cost of production of synthetic fertilizers started to rise sky-high with the continually increasing price of petroleum and petrochemicals. Micro Bac India was one of the few daring to invest incredible alternatives i.e., use of biological agents as fertilizers and pesticides.

Since then, in addition to farmers, several State Govt. departments regularly use these products in their farmer support programmes. Thus, over the years the products have benefitted farmers in various states of India. In the process, the company has gained the trust and confidence of farmers, forests and Govt. agricultural depts. 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 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.





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FASHAL: PHOSPHATE BIO-FERTILIZER FOR ALL CROPS



ARBUD: NITROGEN BIO-FERTILIZER FOR LEGUMINOUS CROPS



UPAJ: NITROGEN BIO-FERTILIZER FOR ALL CROPS



PLANTO NEEM: PURE NEEM CAKE DUST. SOIL APPLICATION



PLANTO NEEM-L: PURE NEEM OIL (NEEM SEED KERNEL EXTRACT). SPRAY APPLICATION. CAN BE USED FOR COATING ONTO UREA.



ORGASOL: ORGANIC FERTILIZER WITH HUMIC ACID, PSB, AZOTOBACTER & TRACES OF MICRONUTRIENTS. SOIL APPLICATION.



BADSAH: ORGANIC GRANULAR FERTILIZER WITH HUMIC ACID, AMINO ACID & TRACES OF MICRONUTRIENTS. SOIL APPLICATION.



PLANT BOOST: MIXTURE OF AMINO ACID IN LIQUID FORM. SPRAY APPLICATION



BANDHAN: NON IONIC STICKING CUM SPREADING AGENT



PLANTOZYME: ORGANIC GRANULAR FERTILIZER WITH HUMIC ACID, AMINO ACID AND TRACES OF MICRONUTRIENT. SOIL APPLICATION



HIRA SONA: ORGANIC GRANULAR FERTILIZER WITH HUMIC ACID, AMINO ACID AND TRACES OF MICRONUTRIENT. SOIL APPLICATION



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UDDHAR: PSEUDOMONAS
FLUORESCENS 0.5% WP.
BIOLOGICAL FUNGICIDE



RAKSHAK: TRICHODERMA VIRIDE
1.0% WP. BIOLOGICAL FUNGICIDE



ELIMINATE: COPPER 5.0% FOR
SPRAY APPLICATION. FUNGISTATIC

SHEATH GUARD: VALIDAMYCIN
3.0% L. FUNGICIDE



TEZO: AZOXYSTROBIN 11%+
TEBUCONAZOLE 18.3%.
FUNGICIDE.



SULTAAN: SULFUR 65%+
TEBUCONAZOLE 10%.
FUNGICIDE.



AAZADI: NEEM BASED BIO-
LARVICIDE. INSECTICIDE.



PLANT GUARD: NEEM BASED
BIO-ACARICIDE. INSECTICIDE.



INOVA: NOVALURON 5.25%
+INDOXACARB 4.5%.
LARVICIDE. INSECTICIDE



EMANATE: EMAMECTIN
BENZOATE 3%+
THIAMETHOXAM 12%.
INSECTICIDE FOR SUCKING
PEST



FLIP: FIPRONIL 4%
+THIAMETHOXAM 4%.
INSECTICIDE FOR SUCKING
PEST



PARANIL: PARAQUAT
DICHLORIDE 24% SL. HERBICIDE



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THE STORY OF 'MICRO FARM'

Micro Farm is a pioneer in manufacturing aquaculture products in eastern India.

Micro Farm is basically a research based production unit of 'Micro group of companies' which gained its experience and excellence of 40 years in the field of agriculture in eastern India.

Globally India stands 3rd in fisheries and 2nd in Aquaculture. Indian fisheries and aquaculture is an important sector of food production providing nutritional security, livelihood support and gainful employment to more than 14 million people contributing to agricultural exports (nfdb.gov.in).

Micro Farm is managed by highly qualified, experienced research professionals and is supported by the state - of - the - art laboratories promising to take research and development in the field of aquaculture to the next level. The company is also guided by experienced senior sales personnel, field technicians, well established network of distributors and dealers who are always dedicated to the aid of the cultivators whenever required.

The technically and professionally managed team of Micro Farm first search the problems *in- field* condition in aquaculture systems, they realize the gap, that, why the problem is arising and they research over how the persisting problem can be solved and, finally, from there a new line of product is established by microbiological and bio-chemical engineering, thus the 'Team Micro Farm' works. At the dawn of reaching its zenith, Micro Farm is devoted to serving mankind with sustainable and responsible aquaculture practices.





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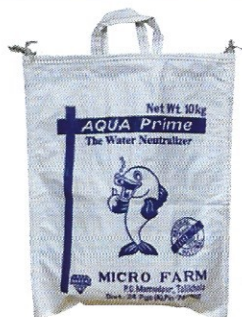
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PHYTOSTAR: PHYTO PLANKTON
ENHANCER



CALCIFAST: CALCIUM
GRANULES FOR FISH GROWTH
AND WEIGHT



AQUA PRIME: LIME FOR POND CULTURE



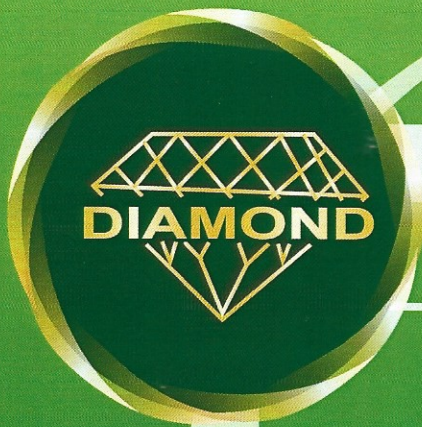
LUCENT: ARGULUS AND ANY OTHER INSECT REMOVER
FROM POND AND BODY OF THE FISH. WORKS EFFECTIVELY
AT VERY LOW DOSE.



PRISTINE: YUCCA & SOIL
PROBIOTIC BASED AMMONIA
AND NITRITE LOCKER IN POND.
SHOULD BE USED IN ACUTE
AMMONIA TOXICITY IN THE
POND.



ENHANCER: EXTRUDED, HIGH
PROTEIN, DUST FEED FOR BEST
GROWTH OF FRY AND
FINGERLINGS.



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OXYRICH: OXYGEN GRANULES. INCREASES DISSOLVED OXYGEN IN ACUTE OXYGEN DEFICIENCY IN POND



BRILLIANT 4: REDUCES AND CURE FIN ROT, TAIL ROT AND ANY OTHER BACTERIAL DISEASES IN FISH AND SHRIMP



NUTRIFISH: MINERAL FOR OVERALL GROWTH AND DEVELOPMENT OF CULTURED FISH



UDEA: VITAMIN SUPPLEMENT FOR FISH GROWTH AND DEVELOPMENT



DR. BLESS: PROBIOTIC SUPPLEMENT FOR QUICK DIGESTION AND HEALTHY GUT OF FISH AND SHRIMP.



MAGIC BALLS: PREBIOTIC AND HUMIC ACID SUPPLEMENT FOR OVERALL DEVELOPMENT AND GROWTH OF FISH.



PERMA CLEAN: PURE POTASSIUM PERMANGANATE CRYSTAL.



ZEO SUPER: ZEOLITE GRANULES. ACTS AS TOXIN REMOVER FROM POND



PRUDENT: ALGAECIDE FOR POND CULTURE



ALLEVIATE: TOXIC HEAVY METAL AND EXCESS IRON REMOVER FROM POND



MEET OUR TEAM

Mr. Kanak Sarker

Founder and Chairman
Chief, Sales and Marketing



Ms. Kamala Sarker

Proprietress, Micro Chemicals India



Dr. Kanish Sarker

(Ph. D. Microbiology)
Head, Field Development



Dr. Madhubanti Chaudhuri

(Ph. D., Botany)
Chief, Quality Control

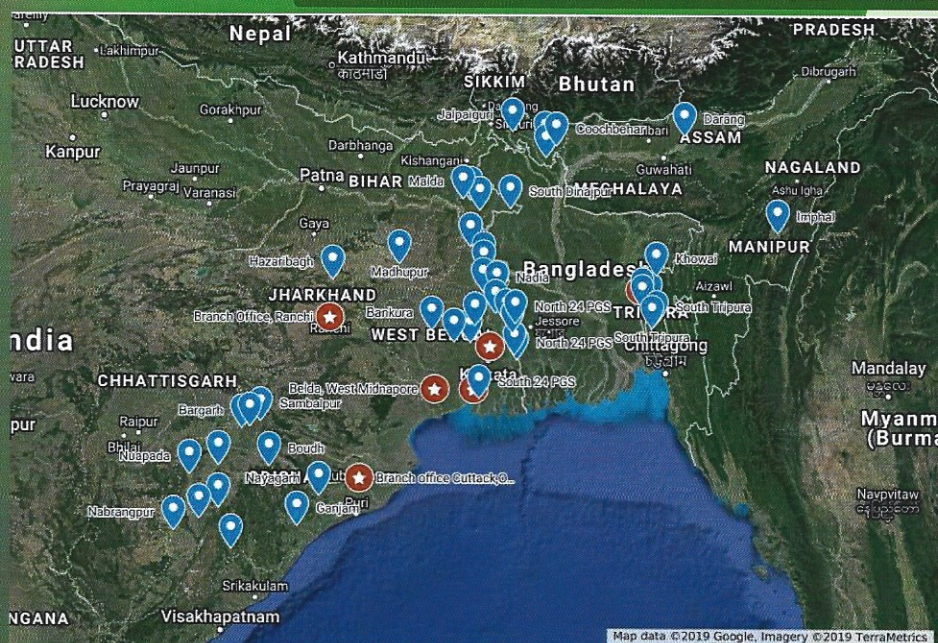




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Bird's eye view of the factory



DISTRIBUTOR NETWORK AND OFFICES OF THE COMPANIES IN THE EASTERN INDIAN STATES



Factory address: Bora Talikhola, Vill/PO: Mamudpur, PS: Naihati, North 24 Parganas, West Bengal, PIN: 743166.

Head Office address: 66, Dr. B. C. Roy road, Shyamnagar, North 24 Parganas, West Bengal, PIN: 743127. INDIA

Branch offices at: Ranchi, Jharkhand; Cuttack, Odisha; Agartala, Tripura.



03325862210, 9674285006 (Dr. Shri. Kanish Sarker, Partner)
9231869689 (Shri. Kanak Sarker, Partner)



microchemical10@gmail.com, microbacindia@yahoo.co.