



*Working Towards a Healthier
Tomorrow*

Microbax is a leading producer of probiotics. The people behind the project have expertise of over three decades in handling Fermentation systems, especially for producing Probiotics and enzymes.

The core philosophy driving Microbax is product excellence through value addition. Our incessant drive to achieve product improvement, consistency and performance is perceptible through the activities, both manufacturing and quality assurance.

At Microbax, we believe in strict adherence to "Current Good Manufacturing Practices" (cGMP) and in building values for customers by providing both products and services of international standards. Our products thus conform to global standards ensuring consistent availability of world class products.



Research & Development

The In-house R&D Facility is recognised by DSIR – Dept of Scientific & Industrial research, Govt. of India. Research and development activity is carried out mainly in the field of probiotics and prebiotics. Microbax has successfully developed and commercialized selected probiotics and prebiotics for use in human healthcare, animal healthcare including aquaculture and organisms for agriculture, effluent treatment and vector control.

Services

Microbax also takes up projects for contract research and contract manufacture. A wide range of probiotics, prebiotics, metabolites and other microorganisms can be developed and manufactured on a contract basis. Our modern facility and experienced and qualified staff make it possible to develop and produce the required microorganisms in bulk, as well as their formulations.

Our Products for Agriculture

Plant Growth Enhancers

Microphos PSB[®]

Phosphate Solubilizing Bacteria

Microphos PSB contains phosphate solubilizing bacteria in a spore form at a very high concentration of 2×10^9 CFU form which ensures longer shelf life and better sustainability after application in soil.



Uptek[®]

Potash Mobilizing Bacteria

Uptek contains Potash mobilizing bacteria at a very high concentration of 2×10^9 CFU.



Vitagro[®]

Effective Soil Conditioner Bacteria

Vitagro promotes the growth of desirable soil microbes and creates a conducive microenvironment in the root zone it improves the soil structure by decomposing soil organic and increasing humus level in the soil in turn helping in better moisture retention and buffering properties of the soil.



Zinbax[®]

Zinc Solubilizing Bacteria; Sulphur Oxidizing Bacteria

Zinbax is a unique combination of zinc solubilizing bacteria and sulphur oxidising bacteria which also helps for increased ferrous availability, Zinc is highly useful for rice crop it increases the number of tillers and also grain weight.



Growbax[®]

Growbax is a consortium of leaf dwelling beneficial bacillus spp bacteria. It is useful in lowering harmful chemical pesticides (Insecticides & Fungicide) residue management and in disease control.



Vitabax[®]

Vitabax is a powerful bacterial extract, which contains many stimulants and hormones which are useful for the growth of crop roots. The use of Vitabax is most effective when plants are under stress, during unfavourable seasons, when there is an infestation of nematodes and other pests. Regular use of Vitabax shows positive changes in leaf growth and photosynthesis.



Bio-control Products

Trikowin®

Trichoderma is a potent biocontrol agent and used extensively for pre harvest and post post harvest disease control. It has been used successfully against various pathogenic fungi belonging to various genera, it also acts as a plant growth promoter and also as a bio-remediation agent.



Sutlex®

Sutlex is a multisite acting bio-control agent which makes it suitable to be used where the risk of fungicide resistance is high. Sutlex is used for control of soil borne disease and also for leaf and fruit diseases on variety of crops.



Sumonax®

Sumonax is useful for control of Pythium, Rizoctonia, botrytis, Phytophthora, fusarium, anthracnose, and verticillium wilt, which are casual organisms of various plant disease like downy mildew damping of built fungal wilt blithe anthracnose etc



Vibimax®

Vibimax is a combination of entomopathogenic useful mycoagents which secrete various myco-toxins that help in control of various insects. It is useful for bio-control of insects belonging to Arthropods, Diptera and Lepidoptera which includes white grub, mealybug, thrips, aphids, jassids, plant hopper, beetles, caterpillars, stem borer, mites etc



Nematobax®

It is an effective combination of microorganisms which act as a powerful biocontrol agent against plant nematodes. Nematobax acts as a disease-causing organisms for nematodes, which causes disease in nematodes and thus kills them.



Decomp – 5B®

Powerful Decomposing Bacteria

Decom - 5B contains 5 types of anaerobic bacteria which decompose various organic matter at a very fast rate. Decom - 5B useful to decompose banana waste, animal waste, farm waste and various other biomasses.



Kits

Bhuvikas Kits (A&B) ®

Bhuvikas kit A and B is useful for sugar cane and banana crops. The kit helps stop the fixation of chemical fertilizers given to the crop in the soil so that the nutrients are fully available to the crop. In sugar cane crops the benefits can be seen in increase in the distance between two nodes along with increase in the weight of sugarcane and yield. The benefits in Banana crops are increased leaf growth and fruit length.



Ginger & Turmeric Kit ®

Tailored to the need of ginger and turmeric crops, the kit enables increase in the number of tillers and tubers from the plants. The kit increases the availability of fixed plant nutrients which not only improves the soil properties thereby promoting the growth (weight & size) in turmeric and ginger crops.



Vegetable Kit ®

Recognising the need of various vegetable crops, Microbax has developed a vegetable kit which is compiled using various Microbax's products. The kit is extremely beneficial in increasing the number of fruits as well as increasing the number of flowers in large quantities there by increasing the yield multifold. The kit is capable of resolving problems regarding fruit quality related to flowering of the vegetable crop by stopping the fixation of chemical fertilizers in the soil the crop get maximum nutrients from it and also saves on chemical fertilizers costs.



Onion Kit ®

The kit improves the fast root development in onion crop which is necessary for faster establishment of saplings after transplanting. It supplies plants with natural and amonical form of nitrogen which helps in reducing insects and disease infestation. It also supplies the plant with phosphorus required for more photosynthesis proper coloration and balanced C:N ratio, thereby increasing the yield. The kit helps in controlling soil borne pathogens as well leading to sustainable growth of the crop.



Our Products

Crafted by over two-decades of experience in producing high quality microorganisms using fermentation technology. Our product portfolio includes probiotics for :



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