



Let's grow a better world.

Who is Ceres BioSystems?

Ceres India is the Indian subsidiary of a Canadian Company using proven technology.

Ceres is named after the Roman goddess of agriculture, Ceres, because we believe we are all responsible for nurturing our planet and protecting our crops.

Ceres India is owned 100% by a Canadian company committed to providing global markets with natural, sustainable and affordable solutions to managing organic waste.

Ceres has considerable worldwide experience in organic waste management and has a full scale operation in Vadodara, Gujarat, and new plants under development in India and South America.



What Does Ceres BioSystems Do?

Ceres uses Proprietary Technology Developed in India to Harvest Nutrients From Organic Waste Streams



We harvest essential nutrients from the organic waste streams to produce products that improve soil conditions, and to safely increase crop yields all at an affordable price. Our sustainable solutions protect the environment by diverting human, animal and plant based waste away from landfills, incinerators and natural waterways.

We believe that the nutrients in organic waste streams are too valuable to simply destroy and all farmers around the world should have access to affordable and pathogen free products for their crops.



We believe the legitimacy of business extends beyond how you run your business to include how your business supports and interacts with society, and the community around it, so we partner with local governments, investors and stakeholders to create good jobs and to support local philanthropic initiatives in the communities where our plants are located.

Why Is This So Important?

Large Volumes of Nutrients Can Be Harvested From Indian Organic Waste Streams – A “Make In India” Solution

Indian organic waste just from wastewater treatment plants contains large volumes of valuable nutrients that are being wasted or even worse, polluting waters and streams.

“Sludge removal, treatment and handling have been observed to be the most neglected areas in the operation of sewage treatment plans (STPs) in India.”

Source : Wastewater Production, treatment and use in India".

R.Kaur, SP Wani, AK Singh and K La

At the same time, India imports huge amounts of fertilizer from outside sources every year and this costs the government valuable tax dollars in fertilizer subsidy.

It makes more sense to harvest these nutrients from organic waste streams, clean up India's fresh water sources, and reduce the volume of imported fertilizer and imported fertilizer subsidies!

Nutrient	Recoverable Nutrient from Waste Water ⁽¹⁾	Total Nutrient in Commercial Fertilizer Produced in all of India ⁽²⁾
Nutrient	112,000 tonnes/Y	91,000 tonnes/Y
Phosphorus	21,000 tonnes/Y	16,000 tonnes/Y

The Ceres Process

The Ceres Process Eliminates Harmful Pathogens and Protects Beneficial Microorganisms

At Ceres we're not selling a "one size fits all" technology, we are partnering with a local community to create a customized, sustainable solution and end product.

Generally, two versions of our core technology are used in our markets.

Pathogen Reduction:

In this version of our technology, we mix the raw materials once to raise the pH and temperature of the organic waste to deliver the pathogen elimination that is a key feature of our final product. Then after a "cure" period, the mixed material is ready for bagging and shipping.

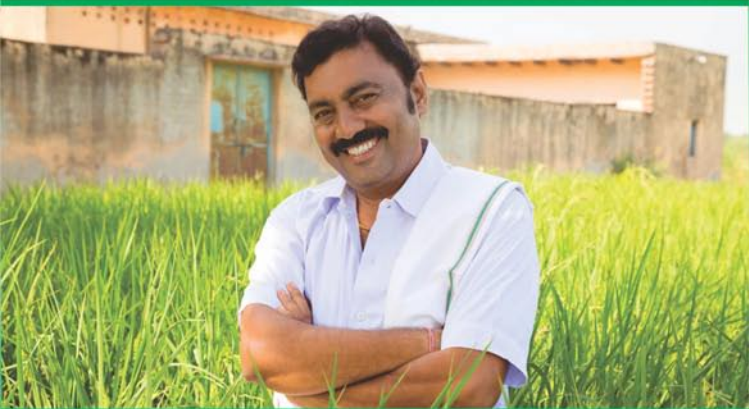


Pathogen Reduction and pH Reduction:

In this version of our technology, we mix the raw materials twice. Once to raise the pH and temperature of the organic waste to deliver the pathogen elimination that is a key feature of our final product. Then, we custom blend the material one more time with other raw material(s) that will add further nutrients that meet local agricultural needs.



How To Contact Us?



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