Biofertilizer and Phosphate Rich Organic Manure (PROM)

Description:

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Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

A bio fertilizer (also bio-fertilizer) is a substance which contains living microorganisms which, when applied to seeds, plant surfaces, or soil, colonize the rhizosphere or the interior of the plant and promotes growth by increasing the supply or availability of primary nutrients to the host plant. Bio-fertilizers add nutrients through the natural processes of nitrogen fixation, solubilizing phosphorus, and stimulating plant growth through the synthesis of growth-promoting substances. Bio-fertilizers can be expected to reduce the use of chemical fertilizers and pesticides. The microorganisms in bio-fertilizers restore the soil's natural nutrient cycle and build soil organic matter.

Phosphate rich organic manure is a type of fertilizer used as an alternative to diammonium phosphate and single super phosphate.

Phosphorus is required by all plants but is limited in soil, creating a problem in agriculture. In many areas phosphorus must be added to soil for the extensive plant growth that is desired for crop production. Phosphorus was first added as a fertilizer in the form of single super phosphate (SSP) in the mid-nineteenth century, following research at rothamsted experimental station in England. SSP is non-nitrogen fertiliser containing phosphate in the form of monocalcium phosphate and gypsum which is best suited for alkali soils to supplement phosphate and reduce soil alkalinity.

Biofertilizers and prom are a product that is likely to be commercially promising in the long run once information becomes available adequately to producers and farmers through experience and communication. In India, government has been trying to increase the application of bio fertilizers along with modern agrochemicals.

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Keywords: Bio Fertilizer Process Plant, Biofertilisers Manufacturing Plant, Production of Biofertilizers, Manufacture of Biofertilizer, Biofertilizer Production, Report for Biofertilizer Production Unit, Bio-Fertilizer Processing, Biofertilisers Production Process, Bio Fertilizer Manufacturing Process, Biofertilizer Production Project, Bio Fertilizer Plant, Production of Biofertilizers, Large Scale Production of Biofertilizers, Bio Fertilizer Manufacturing, Biofertilisers Production Line, Bio-Fertilizer P

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