



Bio-Organic Manure: A Manual Guide

By Suleiman Usman

Grin Verlag. Paperback. Condition: New. 32 pages. Dimensions: 8.5in. x 5.5in. x 0.1in. Studienarbeit aus dem Jahr 2012 im Fachbereich Agrarwissenschaften, - (Natural Resource Institute), Veranstaltung: Soil and Environment, Sprache: Deutsch, Abstract: It has been widely accepted that organic materials (plant and animal sources of organic matter) from plants and animals play important role in sustaining and improving soil structure, soil quality, soil function, soil health, soil fertility, and overall crop performance in agricultural production. Organic materials are potential important sources of micro and macro nutrients in agricultural soils environment (Hood, 2001). They affect physical, biological, chemical, and ecological processes in soil. They improve soil structural quality, soil water holding capacity, soil infiltration, soil organism biodiversity, and soil nutrient availability (FAO, 2005). The utilization of the animal and plant materials is not only an economic benefit for soil and crops but also for human being and his environment. Bio-organic Manure (BOM) is processed from some organic materials (animal or plant or combinations of all). Process of decomposition of homogeneous and heterogeneous organic materials will be rapidly undergoing some changes due to microbial functions, temperature control, and water actions. This is different from fresh organic fertilizer where natural decay process is brought...



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