



## Microbially Fermented Soybean Meal as Natural Fertilizer

By R. Priya

LAP Lambert Academic Publishing Mai 2016, 2016. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - Soybeans have been a significant source of plant origin proteins for both the livestock feed and humans industries for many years. Fermented soybeans are not only highly digestible and nutritious by contributing important nutrients including calcium, vitamin A and B vitamins, but fermented soybeans also have functional properties, such as immunomodulatory and anti-cancer effects. For agriculture, organic farming is more effective which can be done by usage of natural sources like soybean seeds which helps in the supplement of Nitrogen source to plants. We have proven the sharp increase in the growth of the plants when compared to the treatment using chemical fertilizers. Organic farming unalters the pH of the soil, does not cause any deficiency in the nutrients and also avoids the pest attack. Organic fertilizers are very easy for the plants to absorb than the chemical fertilizers. It is very cheap source and environmental friendly and helps in increasing the yield of the plants. From the present research, it was concluded that the Nitrogen content of the plants treated with *Bacillus subtilis* fermented...



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