



## Review on the Production Practices and Impacts of Bio-Fertilizers on Legume Production in Ethiopia

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Even though there is progress in production and productivity of agricultural produces, food insecurity and per capita calorie consumption in the world has not registered a significant improvement. Thus, adoption and diffusion of nutritious crops may be regarded as a good option for rural smallholder farmers. This paper reviews various articles and documents on production practice and impact of bio-fertilizer on legume production in Ethiopia. The production practice and impact of bio-fertilizer in legume production is of great significance in particular to developing countries due to their large dependence on agricultural practice for livelihoods and their lack of infrastructure for adaptation when compared to developed countries. Impact and production practice affected by Training, Extension, Availability, Pricing and coordination and the quality of the up-take of bio-fertilizers may be compromised by other factors including unresolved disease and seed issues as well as changing weather patterns. Despite the fact that production and practice is challenged by the above listed problems it brought tremendous impact on farmers that are practicing. It increase yield of the legumes, soil fertility, income and yield of cereal that follow in next cropping season.



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