

Vidéo

Evaluating the effect of vesicular-arbuscular mycorrhizae on tomato plant growth and production

[AWADHPERSAD, VIJANTIE](#) Le Gosier 2016

Résumé

Tomato is one of the most popular vegetables in the world. Therefore, for improvement in crop productivity in Suriname and most other countries, excessive application of pesticides and synthetic fertilizers is used. These result in gradual depletion of soil fertility and microbial diversity. Conventionally managed soils are found to exhibit a poorer micro flora and a lower biological activity than organically managed soils. Recently much attention is paid to organic cultivation and the use of bio fertilizers as a supplement for chemical fertilizers. VAM fungi have the potential to improve the sustainability of tomato production by improving yield and quality. Therefore, the aim of the study was to evaluate the effect of two different concentrations of commercially available vesicular - arbuscular mycorrhiza on the plant growth and fruit production of two tomato varieties (*Lycopersicon esculentum* Mill.) in the greenhouse.

Informations

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