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REVIEW

Arbuscular Mycorrhizal (AM) fungi for sustainable agriculture

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Arbuscular mycorrhizal (AM) fungi are obligate biotrophic symbionts that form a mutualistic association with plant roots. They are directly involved in plant mineral nutrition and environmental stress tolerance. Most crop plants are symbiotic with AM fungi, and the ability of AM fungal symbiosis to improve crop production is widely recognized. This paper highlights the efficacy of AM fungi as a vital component of sustainable crop production systems, and it's prospective for exploitation as an on-farm agro-input.

Key words : Sustainable agriculture, arbuscular mycorrhizal fungi, ecological processes, AM fungal diversity, biofertilizer