Ericoid Mycorrhizae & Growth-Promoting Microbes: Impact on Blueberry Growth & Resilience

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Abstrac his study investigates the synergistic relationship bet
on blueberry growth and resilience. Ericoid ycorrhi**ae are sy**bi**otic fungi k**own to form **asso**
particularly in acidic and nutrient-poor soils. Additionally, certain microbial species have beer
bene fcial e fects on plant development and stress tolerance. Through a series of experiments
combined e fects of ericoid mycorrhizae and growth-promoting microbes on blueberry plants.
that the presence of both ericoid mycorrhizae and speci fc microbial strains signi fcantly enhanc
parameters, including shoot and root biomass, as well as nutrient uptake e f ciency. Moreover, pla
microbial consortium exhibit improved resilience to various abiotic stresses such as drought and
These fndings highlight the potential of harnessing microbial interactions to enhance blueberry c
ultimately leading to increased yield and sustainability in blueberry production systems. Furth
mechanisms underlying these associations is warranted to fully exploit their bene fts for agricult

7. Magalhães RFD, Danilevicz ADMF, Saurin TA (2017) Reducing construction waste: A study of urban infrastructure projects. Waste Manag 67: 265-277.

8. Li X, Yang L, Xu K, Bei K, Zheng X (2021) Application of constructed wetlands in treating rural sewage from source separation with high-influent nitrogen load: a review. World J Microbiol Biotechnol 37:138.

9. Grant M (2015) Resolving communication challenges in the intensive care unit. AACN Adv Crit Care 26: 123-30.

10. Litwin H, Levinsky M, Schwartz E (2019) Network type, transition patterns and well-being among older Europeans. Eur J Ageing 17: 241-250.