

## **Study and identification of mycorrhizal fungi in persian walnut in some natural habitats in Iran.**

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Ectomycorrhizal symbiosis in persian walnut has been reported, but there is no report about identification of these fungi.

In India, only endomycorrhizal symbiosis in persian walnut roots has been observed.

Mycorrhizal fungi are useful microorganisms help plant nutrition especially phosphorus in poor soils.

Roots and soils of persian walnut, grown in some areas in Iran were examined for mycorrhizal infection.

Spores of endophytes were isolated from soil and two species such as *Glomus mossea*, and *Glomus constrictum* and one from sclerosistis genus (*sclerosistis sinuosa*) were identified .

Ectomycorrhizal infection of roots of persian walnut was also observed.