Effect of the Arbuscular Mycorrhizae *Glomus fasciculatum* and *Acaulospora laevis* on Two Varieties of *Triticum aestivum* L.

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**SUMMARY**

The bread wheat (*Triticum aestivum* L.) var. DWR-195 and DWR-162 are commonly grown in Dharwad district. To understand the efficacy, indigenous AM fungi, *Glomus fasciculatum* and *Acaulospora laevis* were selected and Glass house studies conducted by inoculating these two fungi. The results revealed that the increased plant parameters were recorded on DWR-195 and DWR-162 which were inoculated with *Glomus fasciculatum*. However, the effect on shoot growth, phosphorous content in DWR-162 var. of *Triticum aestivum* L. was not influenced much with inoculation of *Acaulospora laevis* compared to *Glomus fasciculatum*.

**Key words:**
AMF (Arbuscular mycorrhizal fungi), Biomass, *Glomus fasciculatum*, *Acaulospora laevis*