

Uji kemampuan jamur tanah yang diisolasi dari lahan pasir sebagai PGPF (plant growth promoting fungi)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20435826&lokasi=lokal>

Abstrak

Soil fungi occurred in the rhizosphere in many cultivated crops and wild grasses in the sandy soil were effective in enhancing the growth promoting of plant. A field experiment to study the effect of soil fungi from sandy soil as plant growth promoting fungi (PGPF). The experiment was conducted in Clinical Laboratory of Plant Pathology and glass house Faculty of Agriculture Gadjah Mada University in Yogyakarta. The sandy soil was located in Samas and Bugel Yogyakarta. The treatment was conducted in Complete Randomize Design (CRD) with 5 replications. Among 33 rhizosphere fungi tested, 26 fungal isolates were hypovirulent isolate and showed the ability as PGPF i.e. *Trichoderma* spp. (SB32 , CB32, SB33, CB33 and CB21). They enhanced significantly the height and dry biomass of plants compare with control.