



Crude *Moringa oleifera* Extract with Water to Control *Colletotrichum* spp. Causing Agent Anthracnose of Chili

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Abstract

This research aimed to study the crude extract from *Moringa oleifera* with water in order to control *Colletotrichum* spp. causing agent anthracnose of chili. Completely Randomized Design (CRD) was conducted with 5 treatments and 4 replications each. The treatments were the ratio of crude extract from *M. oleifera* and water as follow: 1:1, 1:2, 1:3, 1:4 and non extract as control by mixing with PDA (Potato dextrose Agar). The number of days that the fungi grew full of the plate was recorded. The results showed that the fungi could not grow in the PDA mixed with crude extract. The crude extract from *M. oleifera* and water at the ratio of 1:1, 1:2, 1:3 and non crude extract were tested with the leaves of chili in the pot. The number of lesion and size of lesion on leaves were recorded. The number of lesion and size on leaves of all treatment showed no significant data.

Keywords: Crude extract, *Moringa oleifera*, Anthracnose, Chili