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## Investigation of *Cicer arietinum* L leaves

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Medicinal plants are considerably useful and economically essential. They contain active constituents that are used in the treatment of many human diseases. *A. flavus* recorded maximum antifungal activity of 93.0% inhibition at 50% concentration tested. In 40% of aqueous extract, it was recorded 78.3% inhibition and moderate activity was observed in 20 and 30% concentration and recorded 63.3% and 49.3%, respectively. *A. flavus* was followed by *Penicillium* species and was recorded 91.3% inhibition at 50% concentration. In 30 and 40% concentration, it was recorded 67.1% and 79.3% inhibition, respectively. Least activity was observed in 10% concentration. In *F. oxysporum*, at 50% concentration, 88.0% inhibition was recorded followed by 67.2%, 51.1%, 35.2% and 22.0% inhibition in 40, 30, 20 and 10% concentration tested. *C. lunata* recorded significant activity of 80.3% inhibition in 50% concentration and least inhibition was observed in 10% concentration (15.0%). In *C. cladosporioides* it was recorded 74.5% inhibition in 50% concentration and at 10% concentration; it was recorded 25.3% inhibition. Moderate activity was observed in 20, 30 and 40% concentration. Compared to synthetic fungicide Dithane M 45 and Bavistin at 2.0% recommended concentration, 100% inhibition was observed in all the test fungi.

## Biography

Vaibhav M Darvhekar has completed MPharm in Pharmacognosy in 2008 from North Maharashtra University, Maharashtra and pursuing PhD from NIMS University, Jaipur. He has published 9 papers in international journal.

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