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**HOST SPECIFICITY OF *GIBBAGO TRIANTHEMAE*, A PHAEODICTYOCONIDIAL
HYPHOMYCETES FUNGUS ON *TRIANTHEMA PORTULACASTRUM*
OF MADHYA PRADESH, INDIA**

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ABSTRACT: A systematic field study was conducted in agricultural fields such as food crops, pulses, vegetable crops, oil crops and commercial crops to estimate infestation of *Trianthema portulacastrum* (horse purslane), a common terrestrial weed belonging to family Aizoaceae. The *in vitro* pathogenicity studies on weed were conducted using spore inoculum (5×10^4 /ml) of an indigenous fungus, *Gibbago trianthemae*. The fungus, *Gibbago trianthemae* is a potential agent for biological control of horse purslane.

Key words: Agricultural crops, biological control, invasive weed

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