

**Title** Incidence of *Macrophomina phaseolina* – a fungus causing root rot in seeds of clusterbean, and management in storage by traditional seed-treating materials and oils

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**Citation** Journal of Plant Pathology Volume 90 (2, Supplement) August 2008, Book of Abstract, 9<sup>th</sup> International Congress of Plant Pathology, August 24-29, 2008 Torino, Italy,. 507 pages.

**Keywords** clusterbean; seed rot

#### **Abstract**

Incidence of *Macrophomina phaseolina* was as high as 9.75% in clusterbean, *Cymopsis tetragonoloba* (L.) Taub seed sample CB-5 collected from Jaipur district, out of twelve seed samples collected from farmers in the major clusterbean-growing districts of Rajasthan state. Of four traditional seed-treating materials and four oils used as pre-storage seed dressers and seed coaters respectively, neem leaf powder followed by turmeric powder (at 10 g/kg of seed) as seed dresser and neem oil followed by mustard oil (10ml /kg seed) as seed coater were found effective in reducing the incidence of *M. phaseolina* in clusterbean seed, with improved seed germination after up to six months of storage.