

## **DEGRADATION OF MANCOZEB IN SOIL AND ITS EFFECT ON THE GROWTH OF HORSE GRAM PLANTS**

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### **ABSTRACT**

Manganese and zinc form a coordination complex to give Mancozeb that is slightly soluble in water and not corrosive in a dry state. Since the rate of decomposition is slow it is of concern as it is used as a foliar spray, in seed treatment and as soil drench often as a protective fungicide, the concern arises over the occurrence of such substances as residue could pose a problem following inhalation of the dust or even dermal contact. The present study emphasizes on the prevalence of native fungi in soils treated with Mancozeb and the capacity of *Aspergillus niger* to withstand concentrations of the chemical when used in field soils.

**KEYWORDS:** Fungicides, Macozeb, *Aspergillus niger*, *Dolichos biflorus*

