

Preparation of Certain Dry Formulations of *Nomuraea rileyi* and Their Evaluation in Terms of Viability of Conidia

K Swetha, K Manjula and T Murali Krishna

Department of Entomology, S V Agricultural College, Tirupati 517 502, Andhra Pradesh

ABSTRACT

Dry formulations of *Nomuraea rileyi* were prepared by using different carriers viz., Talc powder, Wheat flour, Corn flour, Broken rice flour and Vermiculite. On the Day of Storage (ODS), the highest conidial germination percent of 94.50 was recorded with the inert material, corn flour. In talc formulation, 93.00 per cent germination was recorded. The mean conidial germination at the time of storage was 91.59 per cent. The viability of *N.rileyi* conidia was reduced with the storage period. Vermiculite formulation and wheat flour formulation failed to record more than 50 per cent of conidial germination with in 4 and 5 months after storage. The talc and corn flour formulations were able to hold 42.75 and 44.00 per cent of conidia in viable conditions. If the storage was for only two months, the conidial viability was highest with corn flour and rice flour.

Key words : Corn flour, *Nomuraea rileyi*, Rice flour, Talc, Wheat flour, Vermiculite, Viability.