

**Effect of Exsheathment on Recovery and Yield of  
Entomopathogenic Nematode, *Heterorhabditis bacteriophora*  
NJ Strain**

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The entomopathogenic nematode, *Heterorhabditis bacteriophora* has recovery stage during the development. Our questions were 1). Is removal of the sheath a precursor for recovery? and 2). Does desheathment influence recovery and yield? NaOCl was better than frozen and thawing or starvation for desheathment. 0.05% of NaOCl for 10 minutes was optimum desheathment treatment. Desheathment increased recovery in *in vivo* culture and *in vitro* solid and liquid culture but yield was variable between ensheathment and desheathment.