

Title            Enzymatic characterization of fungi associated with stem-end rot of papaya.  
Authors        da C. Machado, J. and de O. Lima, L. C.  
Citation        Ciencia e Agrotecnologia Vol: 24 (2000); 295-299

#### **Abstract**

The main objective of this work was to characterize enzymatically 8 fungal isolates, of *Fusarium solani*, *Ascochyta caricae* and *Colletotrichum gloeosporioides* [*Glomerella cingulata*], associated with stem-end rot of pawpaw. The characterization was carried out using the semi-quantitative Api-Zym system for extracellular enzymes. *G. cingulata* showed the highest number of positive reactions (higher number of enzymes in the filtrate from liquid culture media), followed by *A. caricae* and *F. solani*. Acid phosphatase and naftol-AS-BI-fosfohidrolase were produced in most of the isolates. Enzymes involved with the degradation of cell wall were produced by *G. cingulata* and *A. caricae*.