

Periodic inoculation of Virulent
and Hypovirulent Strains of
Endothia parasitica at 2-month
Intervals

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The growth and sporulation of one virulent and seven hypovirulent isolates of *Endothia parasitica* are being evaluated following their periodic inoculation into American chestnut stems at Bartow, West Virginia. Initial inoculations were made in August 1979, with subsequent inoculations at 2-month intervals. A hole made with an 0.5 cm arch punch was used as the inoculation site. To date, measurable growth has occurred with all virulent and hypovirulent isolates. In contrast to the other isolates, an Italian hypovirulent isolate, EP-49, grew better during the October-to-December interval than during the August-to-October period. None of the cankers had sporulated by December 1979.