

## **Chestnut ink disease and photosynthetic productivity.**

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### **Abstract:**

The changes in photosynthetic relations associated with infection by the ink disease soil pathogen *Phytophthora cinnamomi* were studied in inoculated plants of *Castanea sativa* (cv. Judia), many hybrid clones (*C. crenata* x *C. sativa*) and ink disease-resistant COLUTAD. The results indicated an increase (11-35%) in the photosynthetic rate in the hybrid plants in contrast to the *C. sativa* plants, which had a decrease of 19%.

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