

Title Selection and screening antagonistic yeasts to control crown rot on bananas  
Author Somsiri Sangchote  
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### Abstract

Eleven yeast isolates were tested against crown rot on bananas, caused by *Lasiodiplodia theobromae*. We observed that the application of yeast suspension 24 h before inoculation with conidia of *Lasiodiplodia theobromae* obtained the lowest disease severity as compared with an application at the same time, and 24 h after inoculation. *Endomycopsis fibuligera* was the most promising yeast, with crown rot reduced by 82.7%. When this yeast was applied with TBZ 150 ppm or hot water dipped at 50°C for 20 min, the disease was completely controlled. Fruit treated with TBZ and *E. fibuligera* showed the lowest disease severity, however, no significant difference was observed with *E. fibuligera*, hot water 50°C for 20 min.