

\*Prasad, R. and A. S. Prabhu. *Indian Phytopath.* 15 : 292-293, (1962).

\*Prasad, R. and A. S. Prabhu. *Pl. Prot. Bull. F. A. O.* 12 : 17, (1964).

\*Sokhi, S. S. and L. M. Joshi. *Indian J. Microbiol.* 12 : 209-210, (1972).

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**A note on the association of *Cylindrocarpon obtusisporum* in lesions caused by  
*Radopholus similis* on arecanut (*Areca catechu*) roots\***

P. SUNDARARAJU AND P. K. KOSHY

Nematology Laboratory, Central Plantation Crops Research Institute, Regional  
Station, Krishnapuram-690 533

Koshy *et al.*<sup>2</sup> reported the wide spread occurrence of *Radopholus similis* on arecanut in South India. Sosamma and Koshy<sup>4</sup> reported the occurrence of *Cylindrocarpon effusum* and *C. lucidum* from lesions caused by *R. similis* in coconut roots. Association of the fungus *C. tonkinense* with degradation of arecanut husk was also reported by Saraswathy *et al.*<sup>3</sup>. *Cylindrocarpon obtusisporum* was shown to induce black rot of strawberries and was also isolated from roots of Pansy by Booth<sup>1</sup>.

To study the association of other micro-organisms with the lesions caused by burrowing nematode, roots of arecanut palms showing typical *R. similis* lesions were collected from arecanut palms at CPCRI, Palode. Newly formed lesions on the white portion of the main roots were chosen for isolation. Small lesions with surrounding root tissues were scooped out with the help of a sharp blade and surface sterilised with 0.1 per cent mercuric chloride for one minute and washed thrice in sterile water and transferred to potato dextrose agar medium. The species of *Cylindrocarpon* found associated with lesions on roots of arecanut was indentified as *C. obtusisporum* (Cooke & Harkness) Wollenw. (IMI-271740).

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<sup>1</sup>Booth, C. '*The genus Cylindrocarpon*'. Mycological Paper No. 104, CMI, Kew, Surrey, England pp. 56, (1966).

<sup>2</sup>Koshy, P. K., P. Sundararaju and V. K. Sosamma. *Indian J. Nematol.* 8 : 49-58, (1978).

<sup>3</sup>Saraswathy, N., M. Koti Reddy and N. P. Jayasankar. *Annual Report, CPCRI, Kasaragod* pp. 242, (1978).

<sup>4</sup>Sosamma, V. K. and P. K. Koshy. *Indian Phytopath.* 31 : 381-382, (1978).

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