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[\[PDF \(865K\)\]](#) [\[References\]](#)**Seedling damping-off of carrot caused by *Rhizoctonia solani* AG-4 HG II.**K. YONEMOTO¹⁾, K. HIROTA¹⁾ and M. HYAKUMACHI²⁾

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ABSTRACT

A new disease of carrot (*Daucus carota* L.) caused by *Rhizoctonia solani* was found in Tokushima Prefecture in 2003 and 2004. Isolates of *R. solani* were obtained from carrot seedlings with damping-off. Typical damping-off symptoms observed in fields were reproduced on seedlings grown from carrot seeds sown in soil amended with these isolates. The causal agent was identified as *R. solani* AG-4 HG II by hyphal anastomosis grouping and cultural morphology. We proposed the name of the disease as “seedling damping-off of carrot.”

Key words: *Rhizoctonia solani* AG-4 HG II, carrot, *Daucus carota* L., Seedling damping-off

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