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[\[PDF \(2356K\)\]](#) [\[References\]](#)**Brown scab of wax gourd caused by *Rhizoctonia solani* AG-4 HG-I.**K. KAWAGUCHI¹⁾, K. INOUE¹⁾, M. KUBOTA²⁾, M. HYAKUMACHI²⁾ and H. NASU¹⁾

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ABSTRACT

A new disease of wax gourd (*Benincasa cerifera* Savi) characterized by scab of fruit was observed in Okayama Prefecture, Japan in July 2003. Fungal isolates frequently obtained from diseased fruits of the plants were identified as *Rhizoctonia solani* AG-4 HG-I based on hyphal anastomosis and cultural morphology. In inoculation tests, these isolates were pathogenic on fruits of wax gourd and caused the same symptoms, and were re-isolated from the lesions of the diseased fruits. This is the first report of a fruit disease of wax gourd caused by *R. solani*. Therefore, the name brown scab of wax gourd is proposed for the new disease.

Key words: brown scab, identification, *Rhizoctonia solani* AG-4 HG-I, wax gourd[\[PDF \(2356K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

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