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[\[PDF \(642K\)\]](#) [\[References\]](#)**Natural spread of grapevine leafroll disease and *Grapevine leafroll-associated virus 3***H. NASU¹⁾, J. IMADA²⁾, K. INOUE¹⁾, R. NAKAUNE³⁾, T. SHIMANE⁴⁾ and M. NAKANO³⁾

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ABSTRACT

In Okayama Prefecture, natural spread of grapevine leafroll disease was suspected in a field where a woody indicator, grapevine cv. Cabernet Franc (CF) was used to index for this disease. After leafroll- and *Grapevine leafroll-associated virus 3* (GLRaV-3)-free nursery vines of grape cvs. CF and Cabernet Sauvignon had been transplanted to the field in July 1999, the incidence of leafroll disease reached 82% and 20%, respectively, in autumn 2001. GLRaV-3 was detected from all symptomatic vines by ELISA. These results suggest that leafroll disease and GLRaV-3 naturally spread in the field.

Key words: grapevine, leafroll, *Grapevine leafroll-associated virus 3*, natural spread[\[PDF \(642K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

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