

Title Expired date test of wettable powder product of *Hirsutella citriformis* entomopatogen to control *Diaphorina citri* Kuw. on citrus

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Abstract

Hirsutella citriformis entomopatogen is one of biological control agents of *Diaphorina citri* Kuw. on citrus that is able to support the sustainable and environment safety agriculture and potential to be developed as a biopesticide. Biopesticide which is packaged wettable powder (WP) form has to be tested to determine the expired date of the product and to get the method to ret and the expiration. The research was conducted at laboratory and screen house of ICISFRI from November 2005 - April 2006 and was arranged in CRD with two factors. First factor was storage temperatures (-4°C, 4°C and 27°C) and the second factor was the storage duration (1, 2, 3, 4, 5, 6 month). Each treatment was tested to observe its effectiveness to control *D. citri*. The result indicated that the expiration time of *H. citriformis* in WP forms was up to 6 month if it is stored in 4°C temperatures. But it lasted 4 month in 37°C.