



Journal of Pesticide Science
Pesticide Science Society of Japan

[Available Issues](#) | [Japanese](#) >> [Publisher Site](#)

Author: Keyword: **ADVANCED**



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

ONLINE ISSN : 1349-0923

PRINT ISSN : 1348-589X

Journal of Pesticide Science

Vol. 29 (2004) , No. 4 pp.369-371



[\[PDF \(247K\)\]](#) [\[References\]](#)

A Method for Monitoring the Sensitivity of *Botrytis cinerea* to Mepanipyrim

Makiichi Takagaki¹⁾, Ichirou Miura¹⁾ and Kozo Nagayama¹⁾

1) Life Science Research Institute, Kumiai Chemical Industry Co., Ltd.

(Received: February 19, 2004)

(Accepted for publication: May 12, 2004)

Abstract:

Mepanipyrim is an anilinopyrimidine fungicide with a broad spectrum of activities. Mepanipyrim did not inhibit mycelial growth of *Botrytis cinerea* completely on complex media and therefore, this method is considered not to be useful for evaluation of the sensitivity of isolated *B. cinerea* to mepanipyrim. As a result of our studies, we have established new techniques to determine the fungal sensitivity to mepanipyrim *in vitro* by utilizing the inhibitory activity of mepanipyrim against protein secretion and germ-tube elongation. The FGA-paper disc method is considered to be more useful and more reliable for evaluation of the sensitivity of *B. cinerea* to mepanipyrim. © Pesticide Science Society of Japan

Keywords:

anilinopyrimidine fungicides, mepanipyrim, *Botrytis cinerea*, monitoring method, baseline



[\[PDF \(247K\)\]](#) [\[References\]](#)

Download Meta of Article [\[Help\]](#)

[RIS](#)

[BibTeX](#)

To cite this article:

Makiichi Takagaki, Ichirou Miura and Kozo Nagayama, "A Method for Monitoring the Sensitivity of *Botrytis cinerea* to Mepanipyrim". *J. Pestic. Sci.* Vol. **29**, pp.369-371 (2004) .

doi:10.1584/jpestics.29.369

JOI JST.JSTAGE/jpestics/29.369

Copyright (c) 2004 Pesticide Science Society of Japan



[Japan Science and Technology Information Aggregator, Electronic](#)

