



Carboxylic Acid Amides (CAA) Working Group

Publication list

Sensitivity to CAAs in *Plasmopara viticola* and *Pseudoperonospora cubensis*

Gisi, U., Waldner, M., Kraus, N., Dubuis, P.H. and Sierotzki, H. (2007). Inheritance of resistance to carboxylic acid amide (CAA) fungicides in *Plasmopara viticola*. *Plant Pathology* 56, 199-208.

→ Cross resistance between CAAs and inheritance of resistance in *P. viticola* field and progeny isolates

Young, D.H., Kemmit, G.M. and Owen, J. (2005). A comparative study of XR-539 and other Oomycete fungicides: similarity to dimethomorph and amino acid amides in its mechanism of action. In: HW Dehne, U Gisi, KH Kuck, PE Russell, H Lyr, eds., *Modern Fungicides and Antifungal Compounds IV*. Alton, UK, BCPC, pp. 145-152.

→ Cross resistance between CAAs in *P. viticola*

Zhu, S.S., Liu, X.L., Wang, Y., Wu, X.H., Liu, P.F., Li, J.Q., Yuan, S.K. and Si, N.G. (2007). Resistance of *Pseudoperonospora cubensis* to flumorph on cucumber in plastic houses. *Plant Pathology* 56, available electronically.

→ Resistant field isolates

Sensitivity to CAAs in *Phytophthora infestans*

Bagirova, S.F., Li, A.Z., Dolgova, A.V., Elansky, S.N., Shaw, D.S. and Dyakov, T. (2001). Mutants of *Phytophthora infestans* resistant to dimethomorph fungicide. *Journal of Russian Phytopathological Society* 2, 19-24.

→ Artificial mutants of *P. infestans* to DMM

Cohen, Y., Rubin, E., Hadad, T., Gotlieb, D., Sierotzki, H. and Gisi, U. (2007). Sensitivity of *Phytophthora infestans* to mandipropamid and the effect of enforced selection pressure in the field. *Plant Pathology* 56, 836-842.

→ Baseline sensitivity and enforced selection

Dereviagina, M.K., Elanskij, S.N. and Diakov, Y.T. (1999). Resistance of *Phytophthora infestans* to the dimethomorph fungicide. Mikologiya I Fitopatologiya 33, 208-213.

→ Artificial mutants of *P. infestans* to DMM

Rubin, E., Hadad, T., Gisi, U. and Cohen, Y. (2006). Mutagenesis of *Phytophthora infestans* for resistance against dimethomorph and metalaxyl. Phytoparasitica 34, 305-306 (abstract).

→ Artificial mutants of *P. infestans* to DMM

Rubin, E., Gotlieb, D., Gisi, U. and Cohen, Y. (2008). Mutagenesis of *Phytophthora infestans* for resistance against carboxylic acid amide (CAA) and phenylamide fungicides. Plant Disease 2008, Vol. 92-5, 675-683.

→ Artificial mutants of *P. infestans* to MPD

Stein, J.M. and Kirk, W.W. (2004). The generation and quantification of resistance to dimethomorph in *Phytophthora infestans*. Plant Disease 88, 930-934.

→ Artificial mutants of *P. infestans* to DMM

Young, D.H., Spiewak, S.L. and Slawewski, A. (2001). Laboratory studies to assess the risk of development of resistance to zoxamide. Pest Management Science 57, 1081-1087.

→ Artificial mutants of *Phytophthora capsici* and *P. infestans* to DMM)

Yuan, S.K., Liu, X.L., Si, N.G., Dong, J., Gu, B.G., Jiang, H. (2006). Sensitivity of *Phytophthora infestans* to flumorph: in vitro determination of baseline sensitivity and the risk of resistance. Plant Pathology 55, 258-263.

→ Artificial mutants of *P. infestans* to flumorph