

Welcome Niklaus Ammann

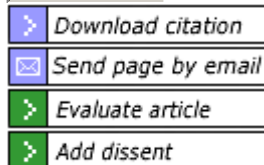


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EndNote



### Growth, development, and survival of *Nosema pyrausta*-infected European corn borers (*Lepidoptera: Crambidae*) reared on meridic diet and Cry1Ab.

Reardon BJ, Hellmich RL, Sumerford DV, Lewis LC

*J Econ Entomol* 2004 Aug **97**(4):1198-201 [[abstract on PubMed](#)] [[citations on Google Scholar](#)][[related articles](#)] [[order article](#)]

Selected by | Niklaus Ammann

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### Faculty Member

#### Niklaus Ammann

University of Berne, Switzerland

PLANT BIOLOGY



New Finding

### Comments

**These authors show that it is important when testing European corn borer (*Ostrinia nubilalis*) larvae for *Bacillus thuringiensis* (Bt) resistance, to check for infections that could considerably lower the overall fitness of the tested animals.** Genes for crystal protein endotoxin (Cry1Ab) from Bt are often included as pest resistance traits in corn. These authors show that a diet high in Cry1Ab slows the development of *Ostrinia nubilalis* larvae, but that this reduction is exacerbated when larvae are also infected by a microsporidian such as *Nosema* (an ubiquitous entomopathogen).

Evaluated 25 Nov 2005

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## Faculty Comments

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Faculty of 1000 Biology: evaluations for Reardon BJ et al *J Econ Entomol* 2004 Aug 97 (4) :1198-201<http://www.f1000biology.com/article/id/1021424/evaluation>

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