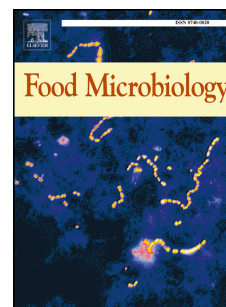


# Accepted Manuscript

Effect of temperature on growth, wheat head infection, and nivalenol production by *Fusarium poae*

Leyla Nazari, Elisabetta Pattori, Valentina Manstretta, Valeria Terzi, Caterina Morcia, Stefania Somma, Antonio Moretti, Alberto Ritieni, Vittorio Rossi



PII: S0740-0020(17)31011-0

DOI: [10.1016/j.fm.2018.04.015](https://doi.org/10.1016/j.fm.2018.04.015)

Reference: YFMIC 3003

To appear in: *Food Microbiology*

Please cite this article as: Leyla Nazari, Elisabetta Pattori, Valentina Manstretta, Valeria Terzi, Caterina Morcia, Stefania Somma, Antonio Moretti, Alberto Ritieni, Vittorio Rossi, Effect of temperature on growth, wheat head infection, and nivalenol production by *Fusarium poae*, *Food Microbiology* (2018), doi: 10.1016/j.fm.2018.04.015

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## HIGHLIGHTS

- Optimal temperature for *Fusarium poae* colony growth was 24.7°C
- Optimal temperature for nivalenol production by *Fusarium poae* was 27.5°C
- Temperature affected infection incidence and fungal biomass in inoculated heads
- Temperature did not affect the content of NIV in inoculated heads
- The inoculation with *F. poae* did not result in yield losses

Download English Version:

<https://daneshyari.com/en/article/8843419>

Download Persian Version:

<https://daneshyari.com/article/8843419>

[Daneshyari.com](https://daneshyari.com)