

## Erratum to: When host-plant resistance to a pest leads to higher plant damage

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Published online: 24 September 2016  
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### Erratum to: J Pest Sci DOI 10.1007/s10340-016-0789-9

*Journal of Pest Science*, pp. 1–10, the sentences below should be substituted for the existing words in the section ‘Analysis of plants for loline alkaloids’.

Samples of each grass treatment (each >500 mg fresh weight excluding the roots) were washed and dried with paper towels. They were immediately frozen in liquid nitrogen, ground into fine powder and freeze-dried. A method modified from Blankenship et al. (2001) was then used to analyse the loline alkaloid content of each sample. Briefly, the extraction involved passing 100 mg of each sample in 5 ml of dichloromethane/ethanol (95:5) solvent containing 6 mg phenylmorpholine/100 ml of solvent as the internal standard, along with 250 µl saturated sodium bicarbonate. They were then shaken at room temperature

for 1 h at 200 rpm on an orbital shaker and left to settle for 10 min before being filtered into 2-ml GC vials. A Shimadzu GC-2010 gas chromatograph equipped with a flame ionization detector was used to analyse the filtrates. Hydrogen passed through an Rtx-624 column was used as the carrier gas in these analyses. The retention times for *N*-methyl loline (NML), *N*-acetyl norline (NANL), *N*-formyl loline (NFL) and *N*-acetyl loline (NAL) were 12.8, 17.4, 18.2 and 18.8 min, respectively.

### Reference

Blankenship JD, Spiering MJ, Wilkinson HH, Fannin FF, Bush LP, Schardl CL (2001) Production of loline alkaloids by the grass endophyte, *Neotyphodium uncinatum*, in defined media. *Phytochemistry* 58:395–401

The online version of the original article can be found under doi:[10.1007/s10340-016-0789-9](https://doi.org/10.1007/s10340-016-0789-9).

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