Check for updates

OPEN ACCESS

EDITED AND REVIEWED BY Oladele Ogunseitan, University of California, Irvine, United States

*CORRESPONDENCE Dumsane Themba Matse, ⊠ dumsane.matse@teagasc.ie

RECEIVED 23 October 2024 ACCEPTED 30 October 2024 PUBLISHED 12 November 2024

CITATION

Matse DT, Krol DJ, Richards KG, Danaher M, Cummins E, Wang X and Forrestal PJ (2024) Corrigendum: Field efficacy of urease inhibitors for mitigation of ammonia emissions in agricultural field settings: a systematic review. *Front. Environ. Sci.* 12:1515841. doi: 10.3389/fenvs.2024.1515841

COPYRIGHT

© 2024 Matse, Krol, Richards, Danaher, Cummins, Wang and Forrestal. This is an openaccess article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

Corrigendum: Field efficacy of urease inhibitors for mitigation of ammonia emissions in agricultural field settings: a systematic review

Dumsane Themba Matse¹*, Dominika J. Krol¹, Karl G. Richards¹, Martin Danaher², Enda Cummins³, Xin Wang³ and Patrick J. Forrestal¹

¹Teagasc, Environment, Soils and Land Use Department, Crops, Environment and Land Use Programme, Wexford, Ireland, ²Teagasc, Food Safety Department, Food Research Centre, Dublin, Ireland, ³School of Biosystems and Food Engineering, University College Dublin, Dublin, Ireland

KEYWORDS

ammonia volatilisation, urease inhibitors, mitigation, nitrogen, urea

A Corrigendum on

Field efficacy of urease inhibitors for mitigation of ammonia emissions in agricultural field settings: a systematic review

by Matse DT, Krol DJ, Richards KG, Danaher M, Cummins E, Wang X and Forrestal PJ (2024). Front. Environ. Sci. 12:1462098. doi: 10.3389/fenvs.2024.1462098

In the published article, there was an error in Table 2, as well as its caption "Regulatory minimum and maximum urease inhibitor levels mass of total N as set out by the EU" as published. Two of the urease inhibitors in the first column are switched. The urease inhibitor 2-NPT currently in row 2 should be in row 3 of Table 2 and the urease inhibitor NBPT + NPPT currently in row 3 should be in row 2 of Table 2.

The fully corrected Table 2, including the corrected caption "Former EU Fertiliser Directive (EU 2003/2003) minimum and maximum urease inhibitor levels by mass of total N present as urea N" appear below.

In the published article, there was an error. The statement about Table 2 was incomplete and in its current form it gives a different meaning than the intended meaning.

A correction has been made to **Section 1: Introduction**, *Sub-section 1.3 Regulation of urease inhibitors in EU*, Paragraph Number: 01. This sentence previously stated:

"The regulatory minimum-maximum augmentation of each of these three urease inhibitors based on total N is outlined in Table 2."

The corrected sentence appears below:

TABLE 2 Former EU Fertiliser Directive (EU 2003/2003) minimum and maximum urease inhibitor levels by mass of total N present as urea N.

Urease inhibitor	Minimum (%)	Maximum (%)
NBPT	0.09	0.2
NBPT + NPPT	0.02	0.3
2-NPT	0.04	0.15

"The former EU Fertiliser Directive (EU 2003/2003) minimum and maximum augmentation of each of these three urease inhibitors by mass of total N present as urea N is outlined in Table 2."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.