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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 17403

February 2026

ICS 65.080

Will supersede CEN/TS 17403:2021

English Version

Inorganic fertilizers - Determination of cold water insoluble nitrogen and hot water insoluble nitrogen in solid urea formaldehyde and methylene urea slow-release fertilizers and determination of the solubility of nutrient polymers in phosphate buffer solution with a pH of 7,5 at 100 °C

Engrais inorganiques - Dosage de l'azote insoluble dans l'eau froide et de l'azote insoluble dans l'eau chaude dans les engrais à libération lente urée-formaldéhyde et méthylène-urée solides, et détermination de la solubilité des polymères nutritifs dans une solution tampon phosphate avec un pH de 7,5 à 100 °C

Düngemittel - Bestimmung von kalt- und heißwasserunlöslichem Stickstoff in festen langsam freisetzenden Harnstoff-Formaldehyd- und Methylenharnstoff-Düngemitteln sowie Bestimmung der Löslichkeit von Nährstoffpolymeren in Phosphatpufferlösung mit einem pH-Wert von 7,5 bei 100 °C

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If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 17403:2026) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

This is currently submitted to CEN Enquiry.

This document will supersede CEN/TS 17403:2021.

prEN 17403:2026 includes the following significant technical changes with respect to CEN/TS 17403:2021:

- a) The CEN Technical Specification has been adopted as a European Standard.
- b) *Normative references* (Clause 2) and *Terms and definitions* (Clause 3) have been updated.
- c) The type of quantitative filter paper has been better specified.
- d) The use of the combustion method to determine the residue on the filter has been contemplated.
- e) The method for determining total nitrogen has been specified.
- f) Clause 8 on precision has been added.
- g) Annex A with the results of the inter-laboratory study has been added.
- h) The Bibliography has been updated.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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