

VÄETISED, LUBIAINED JA INHIBIITORID. KOGUSE  
MÄÄRAMINE (MAHU VÕI KAALU ALUSEL)

Fertilizers, liming materials and inhibitors -  
Determination of the quantity (declared by mass or  
volume)

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

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| <p>See Eesti standard EVS-EN 17817:2023 sisaldab Euroopa standardi EN 17817:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.12.2023.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p> | <p>This Estonian standard EVS-EN 17817:2023 consists of the English text of the European standard EN 17817:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 20.12.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p> |
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ICS 65.080

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English Version

## Fertilizers, liming materials and inhibitors - Determination of the quantity (declared by mass or volume)

Engrais, amendements minéraux basiques et inhibiteurs - Détermination de la quantité (déclarée en masse ou en volume)

Düngemittel, Kalkdünger und Hemmstoffe - Bestimmung der Menge (durch Angabe der Masse oder des Volumens)

This European Standard was approved by CEN on 20 November 2023.

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## European foreword

This document (EN 17817:2023) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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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.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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## **Introduction**

In order to measure compliance with the related requirements of the Regulation (EU) 2019/1009 [4] relevant test methods have to be specified in harmonized standards. In this document the determination of the quantity of organic, organo-mineral and inorganic fertilizers, liming materials, inhibitors and blends containing these fertilizing products is specified.

In this document, the term “product” is used as the generic term for the above-mentioned groups of products.

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## 1 Scope

This document specifies methods for the determination of quantity of the following solid and liquid fertilizing products: organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors in packages, containers or in bulk.

This document is applicable to fertilizing products blends where organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors are the highest % of the blend by mass or volume, or in the case of liquid form by dry mass. If organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors are not the highest % of the blend, the European Standard for the highest % of the blend applies. In case a fertilizing product blend is made up of components in equal quantity, the user decides which standard to apply.

This document is not applicable to the quantity determination of: growing media, soil improvers and plant biostimulants.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1482-1:2007, *Fertilizers and liming materials — Sampling and sample preparation — Part 1: Sampling*

EN 12580:2022, *Soil improvers and growing media — Determination of a quantity*

EN 12944-1:1999,<sup>1</sup> *Fertilizers and liming materials — Vocabulary — Part 1: General terms*

EN 15238:2022, *Soil improvers and growing media — Determination of quantity for materials with particle size greater than 60 mm*

EN 15761:2009, *Pre-shaped growing media — Determination of length, width, height, volume and bulk density*

EN 45501:2015, *Metrological aspects of non-automatic weighing instruments*

OIML R 111-1:2004, *Weights of classes  $E_1$ ,  $E_2$ ,  $F_1$ ,  $F_2$ ,  $M_1$ ,  $M_{1-2}$ ,  $M_2$ ,  $M_{2-3}$  and  $M_3$  — Part 1: Metrological and technical requirements*

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<sup>1</sup> As impacted by EN 12944-1:1999/AC:2000.