

STN	Hnojivá, prípravky na vápnenie a inhibítory Odber vzoriek a príprava vzoriek Časť 2: Všeobecné pravidlá na prípravu vzoriek	STN EN 1482-2 65 4805
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Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 2: General sample preparation provisions

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/25

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EUROPEAN STANDARD

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English Version

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 2: General sample preparation provisions

Engrais, amendements minéraux basiques et inhibiteurs - Echantillonnage et préparation de l'échantillon - Partie 2 : Disposition générales pour la préparation de l'échantillon

Düngemittel, Kalkdünger und Inhibitoren - Probenahme und Probenvorbereitung - Teil 2: Allgemeine Festlegungen zur Probenvorbereitung

This European Standard was approved by CEN on 25 November 2024.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 1482-2:2024 (E)

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European foreword

This document (EN 1482-2:2024) 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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1482-2:2007.

EN 1482-2 includes the following significant technical changes with respect to EN 1482-2:2007:

- Title, Introduction, Scope, Normative References, Terms and definitions have been updated,
- Requirements for storage have been added in 6.1.

EN 1482 “Fertilizers, liming materials and inhibitors — Sampling and sample preparation” consists of four parts:

- Part 1: General sampling provisions;
- Part 2: General sample preparation provisions;
- Part 3: Sampling of static heaps;
- Part 4: Sampling for microbiological presence in fertilizers.

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.

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. According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 1482-2:2024 (E)**Introduction**

This document covers the following aspects of sample preparation, derived from the International Standards and documents indicated but presented in a simplified and condensed form. The titles of the International Standards are given in the Bibliography.

- Reduction and preparation of samples for analysis: ISO 7410, ISO 7742, ISO 8358;
- Sampling reports: ISO 5306.

EN 1482-1 covers the sampling of fertilizers, liming materials and inhibitors.

Figure 1 gives a schematic diagram of the sampling and sample preparation process for solids when testing for chemical and physical properties.

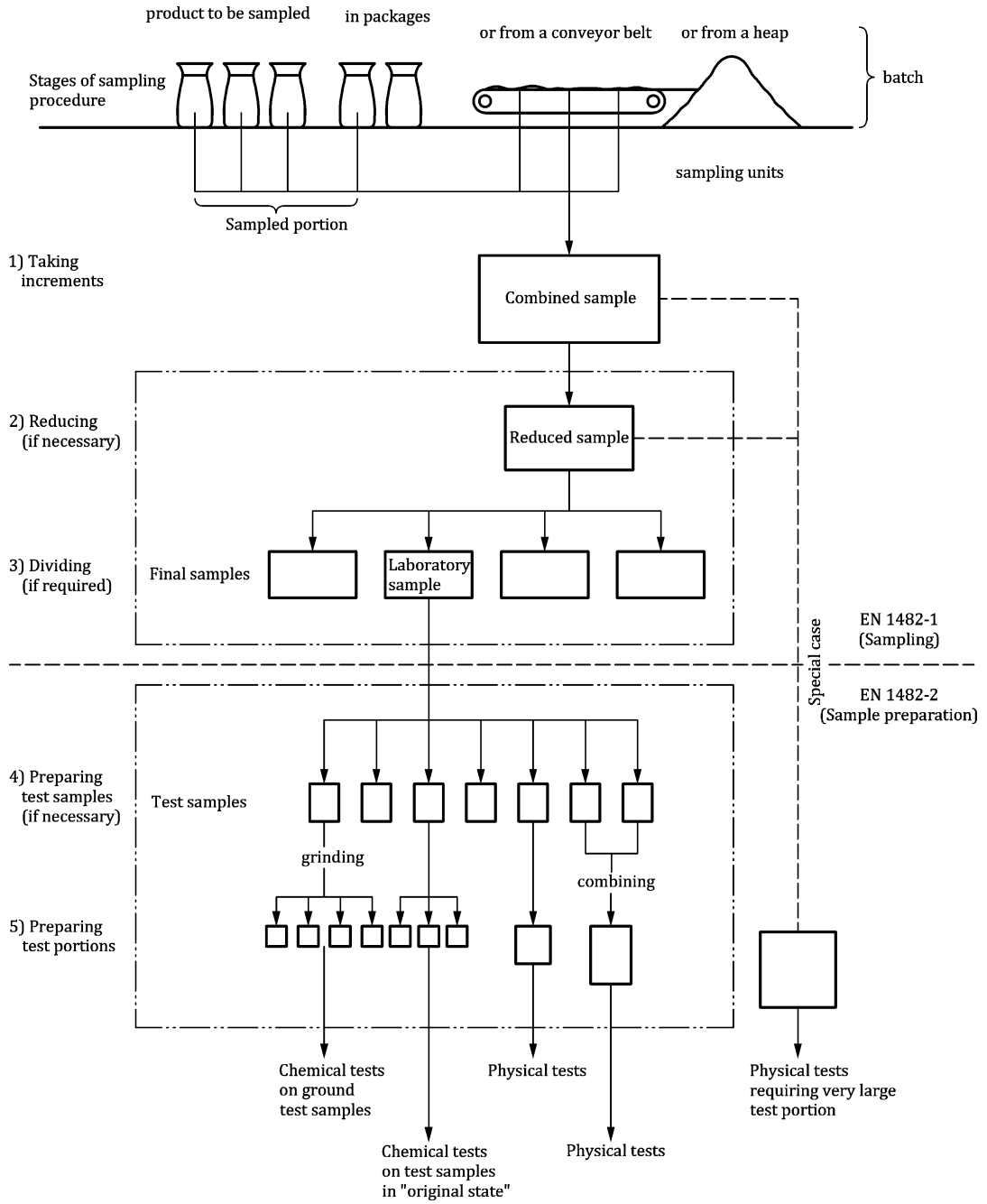


Figure 1 — Schematic diagram of sampling process for solids for chemical and physical testing

EN 1482-2:2024 (E)**1 Scope**

This document specifies methods for the reduction and preparation of samples of fertilizers, liming materials and inhibitors, in liquid and solid form, and sets out the requirements for sample preparation reports. It also specifies methods for the preparation of test samples and test portions from laboratory samples of product for subsequent chemical or physical analysis. It does not cover the preparation of samples for certain physical tests which require test portions of more than 2 kg.

NOTE 1 The term product is used throughout the body of this document and is understood to include fertilizers, liming materials and inhibitors unless otherwise indicated.

NOTE 2 In relation to the procedures set out in this part of the standard series, any special procedures specific to a particular test method will be set out in that method standard.

This document is applicable to the fertilizing products blends where a blend is a mix of at least two of the following components: fertilizers, liming materials, soil improvers, growing media, inhibitors and plant biostimulants and where the following category organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials or inhibitors is the highest % in the fertilizing product blend by mass or volume, or in the case of liquid form by dry mass. If the category (organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials or inhibitors) is not the highest % in the fertilizing product blend, the European Standard for the highest % of the fertilizing product blend applies. In case a fertilizing product blend is composed of components in equal quantity, the user decides which standard to apply. Special care is needed to ensure that the fertilizing product blend is and stays homogeneous and well mixed when sampled.

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 1482-1:2024, *Fertilizers, liming materials and inhibitors — Sampling and sample preparation — Part 1: General sampling provisions*

EN 12944-1, *Fertilizers and liming materials - Vocabulary - Part 1: General terms*

ISO 3310-1, *Test sieves — Technical requirements and testing — Part 1: Test sieves of metal wire cloth*

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