

<b>STN</b>	<b>Produkty na hnojenie, prípravky na vápnenie a inhibítory Odber vzoriek a príprava vzoriek Časť 4: Odber vzoriek na prítomnosť mikroorganizmov</b>	<b>STN EN 1482-4</b>  65 4805
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Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 4: Sampling for microbial presence

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. 06/24

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EUROPEAN STANDARD

**EN 1482-4**

NORME EUROPÉENNE

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English Version

## Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 4: Sampling for microbial presence

Engrais, amendements minéraux basiques et inhibiteurs - Échantillonnage et préparation de l'échantillon - Partie 4 : Échantillonnage pour déterminer la présence microbienne

Düngemittel, Kalkdünger und Inhibitoren - Probenahme und Probenvorbereitung - Teil 4: Probenahme für das Vorkommen von Mikroorganismen

This European Standard was approved by CEN on 29 January 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**EN 1482-4:2024 (E)**

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## European foreword

This document (EN 1482-4:2024) 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of an identical text or by endorsement, at the latest by October 2024, and conflicting national standards shall be withdrawn at the latest by October 2024.

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 has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association.

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 microbial presence.*

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 1482-4:2024 (E)****Introduction**

In order to check compliance with the related requirements of Regulation (EU) 2019/1009 [1] methods have to be specified in standards. In this document the method for obtaining a sample from organic fertilizers, organo-mineral fertilizers and inorganic fertilizers containing more than 1 % by mass of organic carbon to detect levels of microbial presence is specified. Any set of segment samples collected by following the procedures described in this standard is considered to be representative of the sampled portion.

## 1 Scope

This document specifies the method for taking a sample from both solid and liquid forms of organic fertilizers, organo-mineral fertilizers and inorganic fertilizers containing more than 1 % by mass of organic carbon, when in packages, containers or in bulk, to detect levels of microbial presence. For the applicability to blends refer to 4.2.4.

This document does not apply to sampling for microbial presence in growing media and soil improvers (see EN 12579 [6]) or plant biostimulants (see CEN/TS 17702-1 [3]).

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**