

**Mullaparandajad ja kasvukeskkond.  
Proovi ettevalmistamine keemilisteks ja  
füüsikalisteks katseteks,  
kuivainesisalduse, niiskuse ja  
laboratoorselt tihendatud proovi  
mahukaalu määramine.**

Soil improvers and growing media - Sample preparation for chemical and physical tests, determination of dry matter content, moisture content and laboratory compacted bulk density

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13040:2000 sisaldab Euroopa standardi EN 13040:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.08.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13040:2000 consists of the English text of the European standard EN 13040:1999.</p> <p>This document is endorsed on 18.08.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This European standard specifies a method for preparing a sample of a soil improver or a growing media prior to chemical analysis or physical testing. The procedures described herein apply only to those samples that are supplied to the laboratory in the form in which they shall be used for their intended purpose.</p>	<p><b>Scope:</b></p> <p>This European standard specifies a method for preparing a sample of a soil improver or a growing media prior to chemical analysis or physical testing. The procedures described herein apply only to those samples that are supplied to the laboratory in the form in which they shall be used for their intended purpose.</p>
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ICS 65.080

Võtmesõnad:

**English version**

**Soil improvers and growing media**

Sample preparation for chemical and physical tests, determination of dry matter content, moisture content and laboratory compacted bulk density

Amendements du sol et supports de culture – Préparation des échantillons pour les essais physiques et chimiques, détermination de la teneur en matière sèche, du taux d'humidité et de la masse volumique compactée en laboratoire

Bodenverbesserungsmittel und Kultursubstrate – Probenherstellung für chemische und physikalische Untersuchungen, Bestimmung des Trockenrückstands, des Feuchtigkeitsgehaltes und der Laborschüttdichte

This European Standard was approved by CEN on 1999-10-23.

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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

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## **Foreword**

This European Standard has been prepared by Technical Committee CEN/TC 223 "Soil improvers and growing media", the secretariat of which is held by BSI.

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 2000, and conflicting national standards shall be withdrawn at the latest by June 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Safety warning

**Take care when handling samples that may contain sharps or are of a dusty nature. Handling of samples should be performed with latex gloves and in the case of dusty materials, with mask and gloves**

## 1 Scope

This European Standard specifies a routine method for preparing a sample of a soil improver or a growing media prior to chemical analysis and physical testing. The procedures described herein apply only to those samples that are supplied to the laboratory in the form in which they will be used for their intended purpose.

NOTE 1 The method is not applicable to liming materials or sewage sludges and is not suitable for materials like rockwool and foam slabs.

NOTE 2 The determination of the laboratory compacted bulk density is given in Annex A.

NOTE 3 The results of an interlaboratory trial to determine moisture content are given in Annex B.

NOTE 4 The results of an interlaboratory trial to determine compacted laboratory bulk density are given in Annex B.

NOTE 5 The requirements of the standard may differ from the national legal requirements for the declaration of the products concerned.

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 12579	Soil improvers and growing media - Sampling
ISO 565	Test sieves - Metal wire cloth, perforated metal plate and electroformed sheet - Nominal sizes of openings

## 3 Terms and definitions

For the purposes of this standard the terms and definitions in EN 12579 and the following apply.

### 3.1

#### **test sample**

sample prepared from the laboratory sample and from which test portions will be taken

### 3.2

#### **test portion**

quantity of material drawn from the test sample (or from the laboratory sample if both are the same) and on which the tests or observations are actually carried out.