

## **Mullaparandajad ja kasvukeskkond. Koguse määramine**

Soil improvers and growing media - Determination of a quantity

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12580:2000 sisaldab Euroopa standardi EN 12580:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.06.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12580:2000 consists of the English text of the European standard EN 12580:1999.</p> <p>This document is endorsed on 16.06.2000 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> This Standard specifies a method for the determination of a quantity of growing media and soil improvers in bulk and in packages.</p>	<p><b>Scope:</b> This Standard specifies a method for the determination of a quantity of growing media and soil improvers in bulk and in packages.</p>
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ICS 65.080

Võtmesõnad:

ICS 65.080

English version

Soil improvers and growing media  
Determination of a quantity

Amendements organiques et sup-  
ports de culture – Détermination de la  
quantité

Bodenverbesserungsmittel und  
Kultursubstrate – Bestimmung der  
Menge

This European Standard was approved by CEN on 1999-09-17.

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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.

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**CEN**

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

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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of an identical text or by endorsement, at the latest by May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.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.

## Introduction

Growing media and soil improvers are generally traded by volume as the moisture content can greatly affect the weight of material. It is important for the consumer to know the quantity of growing media or soil improver being traded. Furthermore, for the plant growing in the growing medium, it is generally the volume of material that is important.

## 1 Scope

This European Standard specifies a method for the determination of a quantity of growing media and soil improvers in bulk and in packages.

This standard is applicable to material that is in solid form reconstituted if necessary, but not to blocks sold as such by dimension. This method is not applicable for material with more than 10 % (V/V) of particles greater than 60 mm in size.

NOTE 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
EN 13040	Soil improvers and growing media - Sample preparation for chemical and physical tests, determination of dry matter content, moisture content and laboratory compacted bulk density
EN 45501	Metrological aspects of non-automatic weighing instruments
ISO 5725	Accuracy (trueness and precision) of measurement methods and results

## 3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply :

### 3.1

#### **bulk density**

density of material as received or reconstituted for use in accordance with the manufacturer's instructions, determined by the method specified in this standard.

### 3.2

#### **volume**

out-turn volume determined by the method specified in this standard.