



BSI Standards Publication

## Organic soil improvers — Determination of specific parameters

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## National foreword

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The UK participation in its preparation was entrusted to Technical Committee AW/20, Topsoil, other growing media and turf.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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### Amendments/corrigenda issued since publication

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ICS 65.080

English Version

## Organic soil improvers - Determination of specific parameters

Amendements organiques - Détermination des paramètres spécifiques

Organische Bodenverbesserungsmittel - Bestimmung spezifischer Parameter

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## European foreword

This document (CEN/TS 17728:2022) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

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.

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

Different product functions warrant different product safety, quality and quantity requirements adapted to their different intended uses. EU fertilizing products have therefore been divided into different product function categories (PFCs), which are subject to specific safety and quality requirements as specified in the Regulation (EU) 2019/1009 [1].

Organic soil improvers have been classified as PFC 3(A). The specific safety, quality and quantity requirements in relation to some of the specific parameters (i.e. pH and electrical conductivity) are specified in this document, as well as normative references of the test methods to be used in order to measure the compliance with the related requirement.

## 1 Scope

This document specifies references to methods for the determination of the following parameters:

- pH;
- electrical conductivity.

This document is applicable to solid EU fertilizing products classified as PFC 3(A) and PFC 7 as long as the main function of the EU fertilizing product is classified as PFC 3(A) of Regulation (EU) 2019/1009 [\[1\]](#).

## 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.

CEN/TS 17732:2022, *Soil improvers and growing media — Terminology*

CEN/TS 17733:2022, *Soil improvers and growing media — Sampling and sample preparation*

EN 13037:2011, *Soil improvers and growing media — Determination of pH*

EN 13038:2011, *Soil improvers and growing media — Determination of electrical conductivity*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in CEN/TS 17732:2022 apply.

## 4 Sampling and sample preparation

### 4.1 Sampling

Samples taken for quality and quantity control purposes shall be representative, as described in CEN/TS 17733:2022.

### 4.2 Sample preparation

Sample preparation shall be carried out in accordance with CEN/TS 17733:2022.

## 5 Determination

### 5.1 Determination of pH

For the determination of pH the method as described in EN 13037:2011 shall be used.

### 5.2 Determination of electrical conductivity

For the determination of electrical conductivity the method described in EN 13038:2011 shall be used.