



**SLOVENSKI STANDARD**  
**kSIST-TS FprCEN/TS 17729:2021**  
**01-november-2021**

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**Izboljševalci tal - Določevanje določenih parametrov**

Soil improvers - Determination of specific parameters

Bodenverbesserungsmittel - Bestimmung spezifischer Parameter

Amendements du sol - Détermination des paramètres spécifiques

**Ta slovenski standard je istoveten z: FprCEN/TS 17729**

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**ICS:**

65.080                      Gnojila                                      Fertilizers

**kSIST-TS FprCEN/TS 17729:2021**                      **en,fr,de**

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TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**FINAL DRAFT**  
**FprCEN/TS 17729**

September 2021

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ICS 65.080

English Version

## Soil improvers - Determination of specific parameters

Amendements du sol - Détermination des paramètres  
spécifiques

Bodenverbesserungsmittel - Bestimmung spezifischer  
Parameter

This draft Technical Specification is submitted to CEN members for Vote. It has been drawn up by the Technical Committee CEN/TC 223.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

**Warning** : This document is not a Technical Specification. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a Technical Specification.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (FprCEN/TS 17729:2021) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

This document is currently submitted to the Vote on TS.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association.

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**FprCEN/TS 17729:2021 (E)****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 should each be subject to specific safety and quality requirements, as specified in the Regulation (EC) No 2019/1009 [2].

Soil improvers have been classified as PFC 3. The specific safety, quality and quantity requirements in relation to some of the specific parameters (i.e. dry matter content, nitrogen content, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O content, chloride, copper and zinc, and quantity) 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.

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## 1 Scope

This document provides an overview of relevant methods for the determination of specific parameters in solid soil improvers, including:

- dry matter content;
- nitrogen content;
- P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O content;
- chloride, copper and zinc content;
- quantity.

This document is applicable to solid EU fertilizing products classified as PFC 3 and PFC 7 as long as the main function of the EU fertilizing product is classified as PFC 3 of Regulation (EU) 2019/1009 [2].

## 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.

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

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

EN 12580:2013, *Soil improvers and growing media — Determination of a quantity*

EN 13040:2007, *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 13650:2001, *Soil improvers and growing media — Extraction of aqua regia soluble elements*

EN 13652:2001, *Soil improvers and growing media — Extraction of water soluble nutrients and elements*

EN 13654-1:2001, *Soil improvers and growing media — Determination of nitrogen — Part 1: Modified Kjeldahl method*

EN 13654-2:2001, *Soil improvers and growing media — Determination of nitrogen — Part 2: Dumas method*

EN 15238:2006, *Soil improvers and growing media — Determination of quantity for materials with particle size greater than 60 mm*

## 3 Terms and definitions

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