



SLOVENSKI STANDARD
kSIST-TS FprCEN/TS 17730:2021
01-november-2021

[Not translated]

Compost and digestate properties when used in fertilising products

Eigenschaften von Kompost und Gärrückständen bei Verwendung in Düngeprodukten

Propriétés du compost et du digestat lorsqu'ils sont utilisés dans des fertilisants

Ta slovenski standard je istoveten z: FprCEN/TS 17730

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ICS:

65.080

Gnojila

Fertilizers

kSIST-TS FprCEN/TS 17730:2021

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

FINAL DRAFT
FprCEN/TS 17730

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English Version

Compost and digestate properties when used in fertilising products

Propriétés du compost et du digestat lorsqu'ils sont utilisés dans des fertilisants

Eigenschaften von Kompost und Gärrückständen bei Verwendung in Düngeprodukten

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.

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

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European foreword

This document (FprCEN/TS 17730:2021) 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 17730:2021 (E)**Introduction**

An EU fertilizing product consists solely of component materials complying with the requirements for one or more of the component material categories (CMCs), as specified in the Regulation (EC) No 2019/1009 [2].

Compost has been classified as CMC 3, fresh crop digestate as CMC 4 and digestate other than fresh crop digestate, as CMC 5 as specified in the Regulation (EC) No 2019/1009 [2].

The specific safety and quality requirements in relation to some of the specific parameters (i.e. macroscopic impurities, oxygen uptake rate and the self-heating factor) 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 properties of compost and solid digestate when used in fertilizing products, including:

- macroscopic impurities;
- oxygen uptake rate;
- self-heating factor.

This document is applicable to the following component material categories: CMC 3, CMC 4 and CMC 5, as specified in the Regulation (EC) No 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 16087-1:2020, *Soil improvers and growing media — Determination of the aerobic biological activity — Part 1: Oxygen uptake rate (OUR)*

EN 16087-2:2011, *Soil improvers and growing media — Determination of the aerobic biological activity — Part 2: Self heating test for compost*

CEN/TS 16202:2013, *Sludge, treated biowaste and soils — Determination of impurities and stones*

3 Terms and definitions

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

4 Sampling and sample preparation

4.1 Sampling

Samples taken for quality control purposes shall be representative, as described in FprCEN/TS 17733:—.

4.2 Sample preparation

Sample preparation shall be carried out in accordance with FprCEN/TS 17733:—.