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Soil improvers and growing media - Determination of temperature-time profiles during composting and digestion

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EN 17925

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EUROPÄISCHE NORM

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English Version

Soil improvers and growing media - Determination of temperature-time profiles during composting and digestion

Amendements du sol et supports de culture -
Détermination des profils température-temps pendant
le compostage et la digestion

Bodenverbesserungsmittel und Kultursubstrate -
Bestimmung der Temperatur-Zeit-Profile während der
Kompostierung und Vergärung

This European Standard was approved by CEN on 8 January 2024.

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

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EN 17925:2024 (E)

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European foreword

This document (EN 17925:2024) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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 addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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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EN 17925:2024 (E)**Introduction**

This document is applicable for the measurement of temperature during the composting and anaerobic digestion process.

In composting plants, a high biological activity with corresponding self-heating of the biodegradable material is achieved by a suitable process control under favourable oxygen and humidity conditions. The temperature measurements are used to check the sanitation that takes place in the process.

In anaerobic digestion plants, the sanitation is achieved by a thermophilic anaerobic digestion process or a pasteurization step. The temperature measurement serves as proof of the adherence to the given temperature-time specifications.

1 Scope

This document specifies methods for determining temperature-time profiles during composting and anaerobic digestion for the production of compost and digestate.

The process monitoring is an organized check and recording of the temperature during a specific time of the composting and anaerobic digestion process.

This document only applies to composting and anaerobic digestion.

This document is intended to be used by manufacturers and enforcement agencies for the purpose of manufacturing control.

The requirements of this document can differ from national legal requirements for the production process of compost and digestate.

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, *Soil improvers and growing media — Terminology*

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