



SLOVENSKI STANDARD

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Nadomešča:

SIST-TS CEN/TS 17700-5:2023

Rastlinski biostimulanti - Navedbe - 5. del: Določanje razpoložljivosti hranil v tleh in rizosferi

Plant biostimulants - Claims - Part 5: Determination of availability of confined nutrients in the soil or rhizosphere

Pflanzen-Biostimulanzien - Auslobungen - Teil 5: Bestimmung der Verfügbarkeit von gebundenen Nährstoffen im Boden oder in der Rhizosphäre

Biostimulants des végétaux - Allégations - Partie 5 : Détermination de la disponibilité des éléments nutritifs confinés dans le sol ou la rhizosphère

Ta slovenski standard je istoveten z: EN 17700-5:2024

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ICS:

65.080

Gnojila

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EUROPEAN STANDARD

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English Version

Plant biostimulants - Claims - Part 5: Determination of availability of confined nutrients in the soil or rhizosphere

Biostimulants des végétaux - Allégations - Partie 5 :
Détermination de la disponibilité des éléments nutritifs
confinés dans le sol ou la rhizosphère

Pflanzen-Biostimulanzien - Auslobungen - Teil 5:
Bestimmung der Verfügbarkeit von gebundenen
Nährstoffen im Boden oder in der Rhizosphäre

This European Standard was approved by CEN on 26 August 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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 (EN 17700-5:2024) has been prepared by Technical Committee CEN/TC 455 “Plant biostimulants”, the secretariat of which is held by AFNOR.

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 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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 supersedes CEN/TS 17700-5:2022.

EN 17700-5:2024 includes the following significant technical changes with respect to CEN/TS 17700-5:2022:

- 5.2.1: the text “Soil or rhizosphere samples should be processed according to EN 16179” has been changed to “It is recommended to process soil or rhizosphere samples according to EN 16179 [21]”;
- 5.2.1: the text “Prior to analysis, the soil or rhizosphere samples can be air-dried, dried in an oven at temperatures not exceeding 0 °C for at least 72h” has been changed to “Prior to analysis, the soil or rhizosphere samples can be air-dried, dried in an oven at temperatures not exceeding 40 °C for at least 72 h”;
- 5.3.1: the text “Plant samples shall be washed prior to drying if the plant biostimulant was applied by foliar application” has been added;
- 5.3.1: the text “After sampling, the plant samples should be dried in an air-forced oven at temperatures not exceeding 40 °C to reduce the risk of volatilization (as described in EN ISO 16198:2015, see Annex B)” has been replaced by “After sampling, it is recommended to dry the plant sample in an air-forced oven at temperatures not exceeding 40 °C to reduce the risk of volatilization, as described in EN ISO 16198:2015 [11], see Annex B”;
- 5.3.2: the text “Plant samples should be washed if the plant biostimulant is applied by foliar application” has been deleted;
- 6.2.1: Table 1 has been removed and the text “The minimum number of trials is defined in Table 4 of the standard EN 17700-1:2024 on general principles” has been added;
- an informative Annex ZA on the relationship of this European standard and the essential requirements of Regulation (EU) 2019/1009 has been added.

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.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

EN 17700-5:2024 (E)

The EN 17700 series, *Plant biostimulants — Claims*, consists of the following parts:

- *Part 1: General principles;*
- *Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant;*
- *Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant;*
- *Part 4: Determination of quality traits, resulting from the use of a plant biostimulant;*
- *Part 5: Determination of availability of confined nutrients in the soil or rhizosphere.*

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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