

TAIMEDE BIOSTIMULAATORID. TERMINOLOOGIA

Plant biostimulants - Terminology

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 17724:2024 sisaldab Euroopa standardi EN 17724:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 27.11.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 17724:2024 consists of the English text of the European standard EN 17724:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 27.11.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 65.080

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English Version

## Plant biostimulants - Terminology

Biostimulants des végétaux - Terminologie

Pflanzen-Biostimulanzien - Terminologie

This European Standard was approved by CEN on 23 August 2024.

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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

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## European foreword

This document (EN 17724:2024) 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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.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 17724:2022.

EN 17724:2024 includes the following significant technical changes with respect to CEN/TS 17724:2022:

- addition of new terms and definitions and revision of others;
- the European foreword and the Introduction have been updated.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

## Introduction

The European Committee for Standardization (CEN) was requested by the European Commission (EC) to draft European Standards or European Standardization deliverables to support the implementation of Regulation (EU) 2019/1009 of 5 June 2019 [1] laying down rules on the making available on the market of EU fertilising products (“FPR” or “Fertilising Products Regulation”).

This standardization request, presented as SR M/564 and relevant amendments, also contributes to the Communication on “Innovating for Sustainable Growth: A Bio economy for Europe”. The interest in plant biostimulants has increased significantly in Europe as a valuable tool to use in agriculture.

Standardization was identified as having an important role in order to promote the use of biostimulants. The work of CEN/TC 455 seeks to improve the reliability of the supply chain, thereby improving the confidence of farmers, industry, and consumers in biostimulants, and will promote and support commercialisation of the European biostimulant industry.

## 1 Scope

This document defines terms and definitions referred to in the plant biostimulant field and consists of six subclauses:

- 3.1 Claims
- 3.2 Terms relating to components
- 3.3 Terms relating to the application method
- 3.4 Terms relating to sampling
- 3.5 Terms relating to the physical form
- 3.6 Others terms relating to plant biostimulants

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org>

### 3.1 Claims

#### 3.1.1 General principles

##### 3.1.1.1

##### **applicant R&D activities**

data derived from R&D activities performed by the applicant

Note 1 to entry: R&D can be related to the research and development of the plant biostimulant product development, testing and validation, irrespective of the environment in which the data has been generated (e.g. under controlled conditions, protected crop or field conditions).

Note 2 to entry: If the applicant has performed the R&D activities with its own technical resources or if the applicant has subcontracted the R&D activities, as long as the owner of the outcome data from the R&D activities is and can be proven to be the applicant.

##### 3.1.1.2

##### **bioavailability**

degree to which substances can be absorbed/adsorbed by a plant or microbe and made available at a site of physiological activity and which is thus able to have a biological effect

##### 3.1.1.3

##### **claim**

effect(s) of the product that could be asserted on the product label of a plant biostimulant after the conformity assessment procedure