



BSI Standards Publication

Plant biostimulants — Terminology

National foreword

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The UK participation in its preparation was entrusted to Technical Committee EH/4/-/7, Plant Biostimulants.

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Plant biostimulants - Terminology

Biostimulants des végétaux - Terminologie

Biostimulanzien für die pflanzliche Anwendung -
Terminologie

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European foreword

This document (CEN/TS 17724:2022) has been prepared by Technical Committee CEN/TC 455 “Plant Biostimulants”, the secretariat of which is held by AFNOR.

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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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Introduction

This document was prepared by the experts of CEN/TC 455 “Plant Biostimulants”. 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 the European Parliament and of the Council of 5 June 2019 laying down rules on the making available on the market of EU fertilising products (“FPR” or “Fertilising Products Regulation”). This standardization request, presented as M/564, also contributes to the Communication on “Innovating for Sustainable Growth: A Bio economy for Europe”. Working Group 5 “Labelling and denominations” was created to develop a work program as part of this standardization request.

Technical Committee CEN/TC 455 “Plant Biostimulants” was established to carry out the work program that will prepare a series of standards. The interest in 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 commercialization of the European biostimulant industry.

1 Scope

This document specifies the terms and definitions referred to all the plant biostimulant field and it is constituted by 6 subclauses:

- 3.1 Claims
- 3.2 Terms relating to components
- 3.3 Terms relating to application method
- 3.4 Terms relating to sample preparation
- 3.5 Terms relating to 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.

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 plant biostimulant product development, testing and validation, irrespective of the environment in which the type of 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 by 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, which is made available at a site of physiological activity and so is 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 and after the conformity assessment procedure

3.1.1.4

crop

cultivated plant including all components of the plant (above ground parts and below ground parts), mushrooms, microalgae and macroalgae