# DIN EN 17700-5:2025-03 (E)

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

## Contents

Page


European foreword ....3

Introduction ....5

1 Scope ....6

2 Normative references ....6

3 Terms and definitions ....6

4 Terminology of the claim ....7

5 Assessment markers to validate the claim ....7
5.1 General considerations for markers measurements ....7
5.2 Soil or rhizosphere markers ....8
5.2.1 Soil sample preparation ....8
5.2.2 Available soil nutrient determination ....8
5.3 Plant markers ....8
5.3.1 Plant sample preparation ....8
5.3.2 Plant nutrient determination ....9

6 Specifications for the performance of the trials ....9
6.1 General specifications ....9
6.2 Trial design ....9
6.2.1 General ....9
6.2.2 Timetable of measurements ....9

Annex A (informative) Examples of methods to measure the nutrient availability in the soil or rhizosphere ....10

Annex B (informative) Digestion and analysis of plant samples ....11

B.1 Example of procedure for the digestion of plant samples ....11
B.2 Example of methods for plant nutrient analysis ....11

Annex C (normative) Triangle of soil texture ....12

Annex ZA (informative) Relationship of this European Standard and the essential requirements of Regulation (EU) 2019/1009 making available on the market of EU fertilising products aimed to be covered ....13

Bibliography ....14