

Fertilizers and liming materials — Vocabulary —

Part 1: General terms

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British Standard

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CII/37, Fertilizers and related chemicals, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 10, an inside back cover and a back cover.

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Engrais et amendements calciques et/ou magnésiens -
Vocabulaire - Partie 1: Termes généraux

Düngemittel und Calcium-/Magnesium-
Bodenverbesserungsmittel - Wörterbuch - Teil 1:
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This European Standard was approved by CEN on 5 September 1999.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 260, Fertilizers and liming materials, 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of an identical text or by endorsement, at the latest by May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.

This Standard is in 3 parts:

- *Part 1: General terms*
- *Part 2: Terms relating to fertilizers*
- *Part 3: Terms relating to liming materials*

These definitions may not necessarily correspond with those used in national legislation.

NOTE 1 Attention is drawn to EN 13535, *Fertilizers and liming materials - Classification*.

NOTE 2 A general index is incorporated in Part 3.

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1 Scope

This European Standard defines general terms relating to fertilizers and liming materials.

An index of all terms defined in this part of EN 12944, with their French and German equivalents, is given in annex A.

2 Definitions

2.1

fertilizer

material, the main function of which is to provide nutrients for plants

NOTE The spelling "fertiliser" is also used but "fertilizer" is preferred.

2.2

inorganic fertilizer

fertilizer in which the declared nutrients are in the form of inorganic salts obtained by extraction and/or by physical and/or chemical industrial processes

NOTE 1 Calcium cyanamide, sulfur, urea and its condensation and association products and bone superphosphate may, by convention, be classed as inorganic fertilizers.

NOTE 2 The terms "mineral fertilizer" and "chemical fertilizer" are also used but "inorganic fertilizer" is preferred.

2.3

chelated fertilizer

fertilizer in which one or more micro-nutrients are held by organic molecules (chelating or complexing agents)

2.4

organic fertilizer

fertilizer which consists mainly of carbonaceous materials of vegetable and/or animal origin

2.5

organic nitrogenous fertilizer

organic fertilizer in which the nitrogen is bonded directly to carbon and which may contain other elements but which does not have declarable phosphorus or potassium contents

2.6

synthetic organic nitrogenous fertilizer

nitrogenous fertilizer in which the nitrogen is combined with carbon by industrial organic synthesis

2.7

organo-mineral fertilizer

fertilizer in which declared nutrients include those of both organic and inorganic origin obtained by mixing and/or chemical combination of organic and inorganic fertilizers or products

NOTE 1 The term "semi-organic fertilizer" is used in some countries but "organo-mineral fertilizer" is preferred.

NOTE 2 Some countries do not allow mixtures of synthetic organic fertilizers with mineral and/or organic fertilizers.

NOTE 3 The term "organic-based fertilizer" is reserved for mixtures of inorganic fertilizers and organic matter such as peat or lignite.