

VÄETISED JA LUBIAINED. KLASSIFIKATSIOON

Fertilizers and liming materials - Classification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 13535:2001 sisaldab Euroopa standardi EN 13535:2001 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 21.03.2001.</p> <p>Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 13535:2001 consists of the English text of the European standard EN 13535:2001.</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 21.03.2001.</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

Fertilizers and liming materials - Classification

Engrais et amendements calciques et/ou magnésiens -
Classification

Düngemittel und Calcium-/Magnesium-
Bodenverbesserungsmittel - Einteilung

This European Standard was approved by CEN on 20 January 2001.

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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 Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 260, "Fertilizers and liming materials", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2001, and conflicting national standards shall be withdrawn at the latest by September 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

The classification scheme includes an explanation of the meaning of each heading and clearly assigns each fertilizer or liming material to an appropriate group whilst recognizing that a few fertilizers or liming materials may be classified differently in some countries.

The limits for nutrient contents which determine each class can be subject to national legislation.

Owing to historical and legislative differences between countries, this European Standard uses, in the descriptions, terms only and not chemical symbols to denote nutrients. This avoids ambiguity between the elemental or oxide forms and leaves each country free to declare nutrient contents according to national requirements.

The descriptions given in clause 4 are not definitions but are given to explain the definitions to be found in EN 12944. These descriptions may not necessarily correspond with those used in national legislation.

1 Scope

This European Standard establishes a classification scheme for fertilizers and liming materials.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12944 (all parts), *Fertilizers and liming materials - Vocabulary*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 12944 apply.

4 Classification

NOTE The classification scheme is shown in figure 1.

4.1 Inorganic fertilizers and liming materials

4.1.1 Inorganic fertilizers : Fertilizers added to the soil especially for the nutrition of plants and 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 Calcium cyanamide, urea and its condensation and association products and bone superphosphate may, by convention, be classed as inorganic fertilizers.

4.1.1.1 N, P, K fertilizers

4.1.1.1.1 Straight N, P, K fertilizers

4.1.1.1.1.1 Straight nitrogenous fertilizers (N) : Fertilizers which have a declarable nitrogen content and which may contain other elements, but which do not have declarable phosphorus and/or potassium contents.