SLOVENSKI STANDARD
oSIST prEN 1482-3:2015

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Gnojila in sredstva za apnjenje - Vzorčenje in priprava vzorcev - 3. del: Vzorčenje statičnih kupov

Fertilizers and liming materials - Sampling and sample preparation - Part 3: Sampling of static heaps

Düngemittel und Kalkdünger - Probenahme und Probenvorbereitung - Teil 3: Probenahme aus statischen Haufwerken

Engrais et amendements minéraux basiques - Échantillonnage et préparation de l'échantillon - Partie 3 : Échantillonnage des tas statiques

Ta slovenski standard je istoveten z: **prEN 1482-3**

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65.080	Gnojila	Fertilizers

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English Version

Fertilizers and liming materials - Sampling and sample preparation - Part 3: Sampling of static heaps

Engrais et amendements minéraux basiques - Échantillonnage et préparation de l'échantillon - Partie 3 : Échantillonnage des tas statiques

Düngemittel und Kalkdünger - Probenahme und Probenvorbereitung - Teil 3: Probenahme aus statischen Haufwerken

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (prEN 1482-3:2015) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

EN 1482 “Fertilizers and liming materials — Sampling and sample preparation” consists of three parts:

— Part 1: Sampling;

— Part 2: Sample preparation;

— Part 3: Sampling of static heaps [1)].

1) In preparation.

Introduction

The establishment of European Standards for methods of sampling and analysis is of utmost importance to guarantee a uniform application and control of the European legislation in all Member States. Standardized methods of sampling and analysis are essential elements in guaranteeing a high level of quality and safety of EC fertilizers for the benefit of purchasers. In order to avoid any improper use of the term “EC fertilizer” Member States are required to check the nutrient content of such fertilizers. To achieve this, representative sampling is essential for reliable analytical results.

Competent authorities have limited resources for conformity assessment, and these are most efficiently deployed at the downstream end of the supply chain. The purpose of Regulation (EC) No 2003/2003 [1] is to ensure that the fertilizer meets European requirements and complies with the declaration of the required characteristics applied to it when delivered to a purchaser. EN 1482-1:2007 might not fully satisfy the needs of Member States, when a large quantity of fertilizer is stored in a static heap that cannot be realistically put into motion. An evaluation was requested to be carried out by CEN to see what, if any, fertilizer heaps could be representatively sampled at affordable costs.

The fundamental principle of representative sampling is that every particle has an equal chance of being sampled. This principle cannot easily be complied with in the case of bulk static heaps of solid fertilizers as the majority of the material cannot be reached by any sampling device. Wherever possible, this fertilizer should be sampled during transfer, during the building up of the heap, during dispatch or where it can practically be moved solely for sampling purposes. However, in some cases the sampling in the way described is not practicable. The European Commission asked CEN/TC 260/WG 1 to draft a European Standard in response to mandate M/454, which requires the development of a method of sampling static heaps that could not be sampled according to EN 1482-1:2007, which states that the sampling of static heaps should only be carried out when the product is in motion.

In response to the mandate, sampling methods to sample static heaps have been developed and standardized as specified in this document.