



AFDC 10 (862) DTZS/ISO 20977:2018

DRAFT TANZANIA STANDARDS

Liming materials — Determination of size distribution by dry and wet sieving

TANZANIA BUREAU OF STANDARDS



AFDC 10 (862) DTZS/ISO 20977:2018

NATIONAL FOREWORD

The Tanzania Bureau of Standards is a statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This Tanzania standard is being prepared by Fertilizer and soil conditions Technical Committee, under the supervision of Agriculture and Food Standards Divisional Committee (AFDC).

This Tanzania standard is identical adoption of ISO 20977:2018 Liming materials — Determination of size distribution by dry and wet sieving published by the Technical Committee ISO/TC 134 of International Organization for Standardization.

TERMINOLOGY AND CONVENTIONS.

The text of international standard is hereby being recommended for approval without deviation for publication as Tanzania standard.

Some terminologies and certain conventions are not identical with those used in Tanzania standards: attention is drawn especially to the following: -

- 1) The comma has been used as decimal marker for Metric dimensions. In Tanzania standards, it's currently practice to use "full point" on the baseline as decimal marker.
- 2) Where the words "International Standard(s)" appear, referring to this standard they should read "Tanzania Standard(s)".

SCOPE

This document specifies two methods for the determination of the particle size distribution of liming materials.

Method A (the dry sieving method) is applicable to all liming materials except wet and paste-like products. Method A is not applicable if blinding, caking, electrostatic charges or agglomeration occur after drying.

Method B (the wet sieving method) is applicable to products which are susceptible to blinding, caking, electrostatic charges or agglomeration after drying. Method B can be used to determine the primary particle size distribution of granulated products. Method B is not applicable to burnt lime and liming materials containing water-soluble constituents.