

BS EN 16087-1:2011



BSI Standards Publication

Soil improvers and growing media — Determination of the aerobic biological activity

Part 1: Oxygen uptake rate (OUR)

National foreword

This British Standard is the UK implementation of EN 16087-1:2011.

BSI, as a member of CEN, is obliged to publish EN 16087-1:2011 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

The UK committee voted against the publication of this standard because it considered that the reproducibility obtained in inter-laboratory evaluation was not an adequate basis on which to establish a reference method. This could cause problems in the event of dispute or litigation.

The standard deviations of reproducibility in the inter-laboratory validation trials of this method were poor and there is a low probability of getting the same result from two laboratories analysing the same sample. In the worst cases the standard deviation of reproducibility was nearly the same as the mean analysis (after rejection of outliers). For example, for the peat based growing medium no. 2, the mean was OUR 15.49 mmol O₂/kg OM · h, S_R 12.84; for Compost 2 the mean was OUR 14.29 mmol O₂/kg OM · h, S_R 12.79.

Technical Committee AW/20 advises that this standard will not reliably discriminate between the stability of growing media and soil improvers or constituents thereof.

The UK participation in its preparation was entrusted to Technical Committee AW/20, Top soil and other growing media.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2011.

Amendments/corrigenda issued since publication

Date	Text affected
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