

Agricultural machinery — Solid fertilizer broadcasters and full width distributors — Environmental protection —

Part 1: Requirements

The European Standard EN 13739-1:2003 has the status of a British Standard

ICS 65.060.25

National foreword

This British Standard is the official English language version of EN 13739-1:2003, including Corrigendum October 2003.

The UK participation in its preparation was entrusted to Technical Committee AGE/32, Agricultural implements and trailers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 3 April 2003

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 15 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
14744 Corrigendum No. 1	20 November 2003	Alteration to text in 4.11.2

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ISBN 0 580 41490 6

English version

**Agricultural machinery - Solid fertilizer broadcasters and full
width distributors - Environmental protection - Part 1:
Requirements**

Matériel agricole - Distributeurs d'engrais solides en nappe
et centrifuges - Protection de l'environnement - Partie 1:
Prescriptions

Landmaschinen - Ausleger- und Wurf-Mineraldüngerstreuer
- Umweltschutz - Teil 1: Anforderungen

This European Standard was approved by CEN on 20 December 2002.

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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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Foreword

This document (EN 13739-1:2003) has been prepared by Technical Committee CEN/TC 144 "Tractors and machinery for agriculture and forestry", 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 September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

This European Standard consists of the following parts under the general title *Agricultural machinery – Solid fertilizer broadcasters and full width distributors – Environmental protection*:

— *Part 1: Requirements*

— *Part 2: Test methods*

Annex A is informative.

This document includes a Bibliography.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

The objective of this European Standard is to specify requirements for fertilizer distributors used according to the instruction handbook, so that:

- unintentional spreading of fertilizers is avoided;
- an even distribution of fertilizer with the desired application rate is achieved.

This standard does not include any direct requirements for the longitudinal distribution. The requirements for evenness of flow rate will partly cover that subject.

1 Scope

This European Standard specifies requirements for the environmental protection for design and construction of mounted, trailed and self-propelled full width solid fertilizer distributors and solid fertilizer broadcasters used in agriculture and horticulture. It also gives the requirements for the minimum content of the instruction handbook.

The standard does not apply to machines which are:

- combined grain and fertilizer drills; or
- equipment for distributing granulated pesticides; or
- solid fertilizer line-distributors (which are dealt with in prEN 13740-1 and in prEN 13740-2).

Personal safety aspects have not been considered in this standard; they are dealt with in prEN 14017.

If the term 'machine' is used it covers both full width distributors and broadcasters, except in the terms and definitions.

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 revision 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 apply (including amendments).

EN 13739-2:2003, *Agricultural machinery – Solid fertilizer broadcasters and full width distributors - Environmental protection – Part 2: Test methods.*