# DIN EN 13739-1:2012-05 (E)

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

## Contents

Page


Foreword ..... 3

Introduction ..... 4

1 Scope ..... 5

2 Normative references ..... 5

3 Terms and definitions ..... 5

4 Requirements ..... 7
4.1 General ..... 7
4.2 Hopper filling opening ..... 7
4.3 Cleaning and emptying of residuals ..... 7
4.4 Contact with obstacles ..... 7
4.5 Estimation of hopper volume ..... 8
4.6 Adjustment of flow rate ..... 8
4.7 Flow rate regulation system ..... 9
4.8 Adjustment of working width ..... 9
4.9 Feeding device ..... 9
4.10 Spillage ..... 9
4.11 Evenness of transversal distribution ..... 9
4.11.1 Field spreading ..... 9
4.11.2 Border spreading ..... 9
4.11.3 Top-dressing ..... 9
4.12 Setting of flow rate ..... 10
4.13 Evenness of obtained flow rate ..... 10

5 Instruction handbook ..... 10

6 Verification ..... 12

Annex A (informative) Checklist for the instruction handbook for full width distributors and solid fertilizer broadcasters ..... 13

Bibliography ..... 15