DIN EN ISO 16119-2:2018-12 (E)

Agricultural and forestry machin ery - Environmental requirements for sprayers - Part 2: Horizontal boom sprayers (ISO 16119-2:2013, Corrected version 2017-03)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **7**

4 List of significant hazards ... **7**

5 Requirements ... **8**

5.1 General ... 8

5.1.1 Spray tank ... 8

5.1.2 Lines (hoses and pipes) ... 10

5.1.3 Spray boom ... 11

5.1.4 Filter ... 12

5.1.5 Nozzles ... 12

5.1.6 Measuring systems ... 13

5.1.7 Provisions for connecting test equipment ... 13

5.2 Volume/hectare adjustment system ... 13

5.2.1 General ... 13

5.2.2 Measurements ... 13

5.3 Distribution and control of spray drift ... 14

5.3.1 Distribution ... 14

5.3.2 Control of spray drift ... 15

5.4 Cleaning ... 15

5.4.1 Water tank ... 15

5.4.2 Cleaning systems ... 15

5.5 Cleaning devices ... 15

5.6 Additional requirements for band sprayers ... 16

5.6.1 General ... 16

5.6.2 Nozzles ... 16

5.6.3 Distribution ... 16

5.7 Additional requirements for spray guns and lances ... 16

6 Verification ... **17**

7 Marking ... **17**

8 Instruction handbook ... **17**

Annex ZA (informative) **Relationship between this European Standard and the Essential Requirements of EC Directive 2009/127/EC amending 2006/42/EC** ... **19**

Bibliography ... **20**