DIN EN ISO 23611-4:2023-12 (E)

Soil quality - Sampling of soil invertebrates - Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO 23611-4:2022)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Principle ... **7**

5 Reagents ... **8**

6 Apparatus ... **8**
6.1 Sampling ... 8
6.2 Extraction ... 9
6.3 Counting ... 9
6.4 Fixation and preparation of mass slides ... 10
6.5 Identification ... 10

7 Procedure ... **10**
7.1 General ... 10
7.2 Sampling ... 10
7.3 Extraction ... 11
7.4 Counting ... 12
7.5 Fixation and preparation of mass slides ... 13
7.6 Identification ... 13

8 Data assessment ... **13**

9 Test report ... **14**

Annex A (informative) **Figures of equipment and methods for nematological research** ... **16**

Annex B (informative) **Information about the availability of the Oostenbrink elutriator** ... **19**

Annex C (informative) **Information about the Baermann funnel/tray extraction method** ... **22**

Annex D (informative) **Examples of the use of soil invertebrates in soil monitoring programmes (including presentation of their results)** ... **24**

Bibliography ... **29**