

# DIN ISO 23265:2023-12 (E)

## Soil quality - Test for estimating organic matter decomposition in contaminated soil (ISO 23265:2022)

---

<b>Contents</b>	<b>Page</b>
National foreword.....	3
National Annex NA (informative) <b>Bibliography</b> .....	4
Foreword.....	5
Introduction.....	6
<b>1 Scope</b> .....	<b>7</b>
<b>2 Normative references</b> .....	<b>7</b>
<b>3 Terms and definitions</b> .....	<b>7</b>
<b>4 Principle</b> .....	<b>9</b>
<b>5 Reagents and material</b> .....	<b>9</b>
5.1 Reagents.....	9
5.2 Materials.....	9
<b>6 Soil</b> .....	<b>10</b>
6.1 Field-collected soil.....	10
6.2 Control soil.....	10
<b>7 Apparatus</b> .....	<b>10</b>
<b>8 Procedure</b> .....	<b>11</b>
8.1 Experimental design.....	11
8.1.1 General.....	11
8.1.2 Chemically-spiked soil test design.....	11
8.1.3 Field-contaminated soil test design.....	12
8.2 Preparation of filter paper disks.....	12
8.3 Preparation of soil.....	12
8.3.1 Contaminated and reference soil.....	12
8.3.2 Chemical substances added to control soil.....	12
8.4 Test set-up.....	13
8.5 Test sampling.....	14
<b>9 Validity of the test</b> .....	<b>15</b>
<b>10 Calculation and expression of results</b> .....	<b>15</b>
10.1 Calculation.....	15
10.2 Expression of results.....	15
<b>11 Precision</b> .....	<b>16</b>
<b>12 Statistical analysis</b> .....	<b>16</b>
<b>13 Test report</b> .....	<b>16</b>
<b>Annex A (normative) Determination of water holding capacity</b> .....	<b>17</b>
<b>Annex B (informative) Performance of the method</b> .....	<b>18</b>
<b>Bibliography</b> .....	<b>23</b>