
**Soil quality — Effects of pollutants on
earthworms (*Eisenia fetida*) —**

**Part 2:
Determination of effects on reproduction**

Qualité du sol — Effets des polluants vis-à-vis des vers de terre (Eisenia fetida)

Partie 2: Détermination des effets sur la reproduction



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11268-2 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 4, *Biological methods*.

ISO 11268 consists of the following parts, under the general title *Soil quality — Effects of pollutants on earthworms (Eisenia fetida)*:

- *Part 1: Determination of acute toxicity using artificial soil substrate*
- *Part 2: Determination of effects on reproduction*
- *Part 3: Guidance on field testing.*

Annexes A to G of this part of ISO 11268 are for information only.

Introduction

This part of ISO 11268 describes a method for testing the effects of chemicals on earthworm reproduction and mortality in an artificial soil. It can also be adapted for testing or comparing soils to assess, for example, the effects of remediation treatments, and for assessing sublethal effects and no-effect levels for pesticides or other added chemicals.

This part of ISO 11268 has been drawn up taking into consideration test procedures recommended by the Organization for Economic Cooperation and Development and by the European Union (see references in annex G).