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# Equipment for crop protection — Knapsack sprayers —

## Part 2: Test methods

*Matériel de protection des cultures — Pulvérisateurs à dos —  
Partie 2: Méthodes d'essai*



Reference number  
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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 6, *Equipment for crop protection*.

This second edition of ISO 19932-2, together with ISO 19932-1, cancels and replaces ISO 19932-1:2006 and ISO 19932-2:2006, which have been technically revised.

ISO 19932 consists of the following parts, under the general title *Equipment for crop protection — Knapsack sprayers*:

- *Part 1: Safety and environmental requirements*
- *Part 2: Test methods*

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## Introduction

The application of plant protection products with knapsack sprayers should take into consideration biological, economic, environmental and operator issues.

The aim of this part of ISO 19932 is to specify test methods for the verification of requirements for equipment to ensure safe use and protect the environment.

Implementation of parts 1 and 2 of ISO 19932 should achieve an appropriate level of operator safety and avoid unnecessary dispersal of plant protection products into the environment.