



ISO 19932-3

**Equipment for crop protection —
Knapsack sprayers —**

Part 3:
**Inspection of knapsack sprayers in
use**

*Matériel de protection des cultures — Pulvérisateurs à dos —
Partie 3: Contrôle des pulvérisateurs portables à dos en service*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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There are three main reasons for inspection of the use of knapsack sprayers, which are the most widely used means worldwide of applying plant protection products (PPPs):

- less potential risk to the operator;
- less potential risk of environmental contamination by PPPs; and
- good control of the pest with the minimum possible input of PPPs.

In order to use PPPs in agricultural production safely, the requirements and test methods for knapsack sprayers in use should be defined. This is a relevant step after having standardized minimum requirements for new knapsack sprayers, in respect of safety hazards and potential risks of environmental contamination (see ISO 19932-1:— and ISO 19932-2:—).

Standardizing the requirements and methods for inspection of sprayers in use takes into consideration not only the original performance of the sprayer, but also its use, care and maintenance. This is the logical link to ensure the continued benefit arising from the supply of new sprayers of good quality.

The inspection of sprayers in use can be a mandatory requirement or adopted on a voluntary basis. In both cases, further requirements, outside the scope of this document, are necessary for the management of inspections. These include, for example, requirements for the competence of persons carrying out inspections and the frequency of inspections.

NOTE National or regional regulations can also apply concerning the qualifications and competence of inspectors.