

INTERNATIONAL  
STANDARD

ISO  
5682-2

Second edition  
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**Equipment for crop protection — Spraying  
equipment —**

**Part 2:  
Test methods for hydraulic sprayers**

*Matériel de protection des cultures — Équipements de pulvérisation —  
Partie 2: Méthodes d'essai des pulvérisateurs à jet projeté*



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 Organization (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 5682-2 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 6, *Equipment for crop protection*.

This second edition cancels and replaces the first edition (ISO 5682-2:1986), of which it constitutes a technical revision.

Annexes A and B form an integral part of this part of ISO 5682.

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# Equipment for crop protection — Spraying equipment —

## Part 2: Test methods for hydraulic sprayers

### 1 Scope

This part of ISO 5682 specifies the methods of testing and assessing the performance and accuracy of distribution of hydraulic sprayers for field crops.

It is applicable to agricultural hydraulic sprayers for field crops, except for manual sprayers and aircraft-mounted sprayers.

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of the publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on the International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 5681:1992, *Equipment for crop protection — Vocabulary*.

ISO 5682-1:1996, *Equipment for crop protection — Spraying equipment — Part 1: Test methods for sprayer nozzles*.

### 3 Definitions

For the purposes of this part of ISO 5682, the definitions given in ISO 5681 and the following definition apply.

#### 3.1 reference level

level of liquid when the tank is filled to its nominal capacity and the sprayer is in a horizontal position

### 4 Test liquids

4.1 **Clean water**, with no solids in suspension, except for the agitating test (see 8.9).

### 5 Apparatus

NOTE — Measuring equipment other than those described in sections 5.1 and 5.2 are allowed providing that the same accuracy and the same resolution are achieved.