

# INTERNATIONAL STANDARD

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**AMENDMENT 1**  
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## **Agricultural irrigation equipment — Sprayers — General requirements and test methods**

### **AMENDMENT 1**

*Matériel agricole d'irrigation — Diffuseurs — Exigences générales  
et méthodes d'essai*

*AMENDEMENT 1*

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO 8026:1995 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 18, *Irrigation and drainage equipment and systems*.

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# Agricultural irrigation equipment — Sprayers — General requirements and test methods

## AMENDMENT 1

### *Throughout*

Replace “effective pressure” with “working pressure”.

### *Page 1, definition 3.4*

Replace “certain nozzle” with “specified nozzle”.

### *Page 1, definition 3.5*

Replace “within 5 %” by “within  $\begin{smallmatrix} +10 \\ -15 \end{smallmatrix}$  %”.

### *Page 1, definition 3.7, and Page 2, definition 3.8*

Replace “situated in the same plane” with “situated at the same elevation”.

### *Page 2, definition 3.9*

Replace “**range of effective pressure**” with “**range of working pressure**”, and change the definition to:

“pressure range between the minimum working pressure,  $p_{\min}$ , and the maximum working pressure,  $p_{\max}$ , declared by the manufacturer as the pressure range in which the sprayer operates effectively. (See Figure 2.)”

### *Page 2, definition 3.10*

Replace the definition with:

“**ambient temperature**  
temperature of the surroundings”.

### *Page 2, Figure 1*

Replace the dimension in Figure 1, “≈ 0,2”, with “0,2”.

### *Page 2, Figure 2*

Replace “Range of effective pressure” with “Range of working pressure” in both the figure's title and Figure 2 itself.

### *Page 6, definition 9.3.2.1*

Replace “regulated range” with “regulating range”.

Page 6, subclause 9.3.2.2

Replace the text of this subclause with:

“The maximum and minimum flowrates,  $q_{max}$  and  $q_{min}$ , shall not deviate by more than  $\pm 10\%$  from the nominal flowrate,  $q_{nom}$ , within the regulating range. The average flowrate,  $\bar{q}$ , shall not deviate by more than  $\pm 5\%$  from the nominal flowrate,  $q_{nom}$ .”

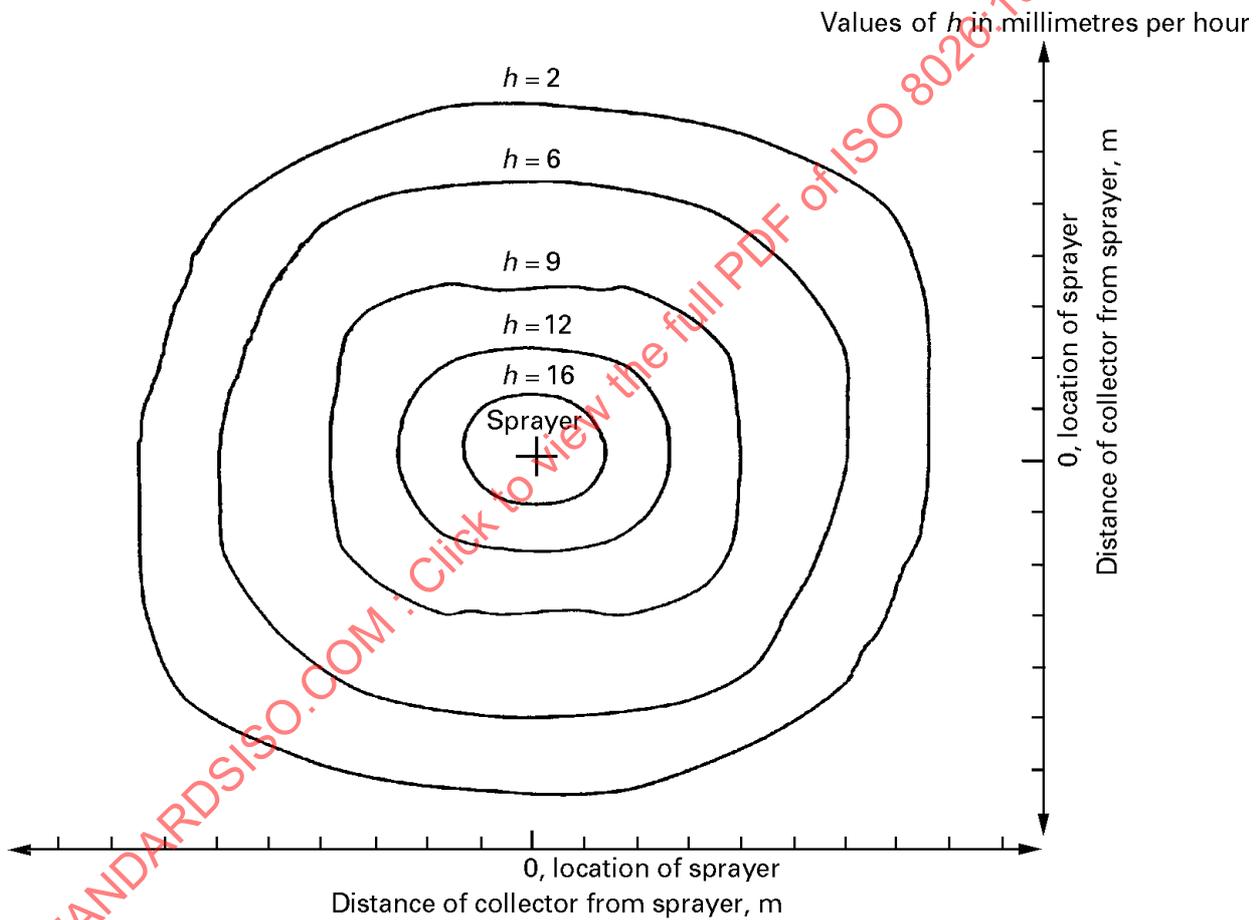
Page 9, Figure 3

Replace the title of Figure 3 with:

**“Figure 3 — Collector and sprayer arrangement for testing of water distribution and diameter of coverage”**

Page 11, Figure 6

Replace the entire existing figure with the following Figure 6.



**Figure 6 — Isogram of spray coverage pattern, showing lines of equal water application rates**