
**Equipment for crop protection — Sprayer
nozzles — Colour coding for
identification**

*Matériel de protection des cultures — Buses de pulvérisation — Code
de couleur pour l'identification*

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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 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10625 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 10625:1996), of which it constitutes a technical revision. It also incorporates Technical Corrigendum ISO 10625:1996/Cor.1:1998.

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Equipment for crop protection — Sprayer nozzles — Colour coding for identification

IMPORTANT — The colours represented in the electronic file of this International Standard could differ from the true representations when viewed on-screen or printed in colour.

1 Scope

This International Standard specifies the system of colour coding for identification of all types of hydraulic spray nozzles, such as flat and cone nozzles used for the application of crop protection products in agriculture.

This International Standard is not applicable to nozzles where there is more than one component influencing flow rate. It might not be applicable to liquid fertilizer applications.

It allows for flow recognition on small parts in order to avoid any confusion under normal conditions of use.

2 Requirements

Sprayer nozzles shall be colour-coded according to Clause 3. If nozzles are made of plastics, the material shall be uniformly coloured throughout.

3 Nozzle colour code

The colour of the nozzle shall be that specified in Table 1, on the basis of the nozzle's flow rate at a working pressure of 300 kPa¹.

1) This value corresponds to the value used for tests specified in ISO 5682-1:1996.

Table 1 — Colour code for nozzles

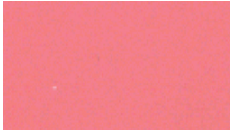
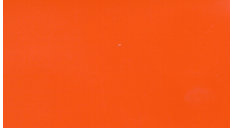
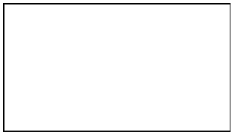
Flow-rate at 300 kPa (with relative tolerance of $\pm 5\%$) l/min	Nozzle size ^a	Colour	Name of colour	RAL number ^{a b}
0,2	0050		Blue lilac	4005
0,25	0067		Olive green	6003
0,3	0075		Light pink	3015
0,4	01		Pure orange	2004
0,6	015		Traffic green	6024
0,8	02		Zinc yellow	1018
1,0	025		Signal violet	4008
1,2	03		Gentian blue	5010
1,4	035		Brown red	3011
1,6	04		Flame red	3000

Table 1 (continued)

Flow-rate at 300 kPa (with relative tolerance of $\pm 5\%$) l/min	Nozzle size ^a	Colour	Name of colour	RAL number ^{a b}
2,0	05		Nut brown	8011
2,4	06		Signal grey	7004
3,2	08		Traffic white	9016
4,0	10		Light blue	5012
6,0	15		Yellow green	6018
^a For information only. ^b RAL is an acronym of Deutsches Institut für Gütesicherung und Kennzeichnung e.V.				

Bibliography

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

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