INTERNATIONAL STANDARD

ISO 4444

First edition
2022-08

Agricultural sprayers — Recording of spray drift parameters

Pulvérisateurs agricoles — Enregistrement des paramètres de la dérive de pulvérisation

ISO 4444:2022 - Preview only Copy via ILNAS e-Shop

Reference number
ISO 4444:2022(E)

© ISO 2022

ISO 4444:2022 - Preview only Copy via ILNAS e-Shop

COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

© ISO 2022 – All rights reserved

Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
4 Measuring of the relevant parameters ... **2**
4.1 General ... 2
4.2 Spray pressure ... 2
4.2.1 Accuracy of the measurement ... 2
4.2.2 Location of the measurement ... 2
4.2.3 Connection test instruments ... 3
4.3 Nozzle height ... 3
4.3.1 Sprayers with automatic spray boom height control ... 3
4.3.2 Sprayers with manual spray boom height control ... 3
4.4 Fan rotational speed ... 3
4.4.1 Accuracy of the measurement ... 3
4.4.2 Location of the measurement ... 3
4.4.3 Multiple fans ... 3
4.5 Sprayer forward speed ... 4
4.5.1 Accuracy of the measurement ... 4
5 Display, storage and transfer of the data ... **4**
5.1 Operation parameter registration system (PRS) ... 4
5.2 Display and storage of the data ... 4
Annex A (informative) **Translation table to ISO11783-11** ... **5**
Annex B (informative) **List of possible other spray drift relevant parameters to be included in updated versions** ... **6**
Bibliography ... **7**

ISO 4444:2022 - Preview only Copy via ILNAS e-Shop

© ISO 2022 – All rights reserved