

ISO 23016-2:2026-07 (E)

Fine bubble technology - Agricultural applications - Part 2: Test method for evaluating the promotion of the germination of barley seeds

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General testing principle	2
4.1 General overview of the test system	2
4.2 Assessment of test results	3
5 Test subjects	4
6 Apparatus and test equipment	4
6.1 Seeds for germination test	4
6.2 UFB generating system and UFB water	4
6.3 Measurement and observation equipment	5
6.4 Beakers	5
6.5 Constant-temperature water tank	5
6.6 Plastic bags	5
6.7 Test tray and filter paper	5
6.8 Limit sample for inspection	5
6.9 Maintenance of measurement devices and equipment	6
6.9.1 Maintenance	6
6.9.2 Calibration	6
7 Test environment	6
7.1 Temperature conditions	6
7.2 Environmental parameters to be measured	6
8 Test procedure	6
8.1 Test period and interval between inspections	6
8.2 Seed selection and packing into bags	6
8.3 Use of UFB water and control water	7
8.4 Tray preparation and seed sowing	8
8.5 Inspection and recording	9
9 Test report	9
Annex A (informative) Example of test result at testing laboratory	10
Annex B (normative) Barley seed limit samples	12
Bibliography	13