ISO 23016-2:2019 (E)

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

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 General testing principle

4.1 General overview of the test system
4.2 Assessment of test results

5 Test subjects

6 Apparatus and test equipment

6.1 Seeds for germination test
6.2 UFB generating system and UFB water
6.3 Measurement and observation equipment
6.4 Beakers
6.5 Constant-temperature water tank
6.6 Plastic bags
6.7 Test tray and filter paper
6.8 Limit sample for inspection
6.9 Maintenance of measurement devices and equipment
6.9.1 Maintenance
6.9.2 Calibration

7 Test environment

7.1 Temperature conditions
7.2 Environmental parameters to be measured

8 Test procedure

8.1 Test period and interval between inspections
8.2 Seed selection and packing into bags
8.3 Use of UFB water and control water
8.4 Tray preparation and seed sowing
8.5 Inspection and recording

9 Test report

Annex A (informative) Example of test result at testing laboratory

A.1 Test procedure
A.2 Test result

Annex B (normative) Barley seed limit samples

Page count: 13