

ISO 19932-2:2025-06 (E)

Equipment for crop protection - Knapsack sprayers - Part 2: Test methods

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Test liquids and equipment.....	1
5 General.....	2
5.1 Test conditions.....	2
5.2 Sprayer.....	2
5.3 Functional tests.....	3
5.3.1 Spray liquid shut-off device reliability.....	3
5.3.2 Spray liquid output.....	3
5.3.3 Load carrying straps and their fixation points.....	3
5.3.4 Stability.....	3
5.3.5 Contents gauge scale and total volume.....	3
5.3.6 Filling rate.....	4
5.3.7 Emptying.....	4
5.3.8 Absorbency of harness.....	5
5.4 Pressure test.....	5
5.5 Leakage test.....	5
5.6 Centre of gravity.....	6
6 Specific tests for lever-operated knapsack sprayers.....	7
6.1 Preconditioning.....	7
6.2 Volume of the external surface deposit.....	7
6.3 Volume of total residual liquid.....	8
6.4 Drop test.....	8
7 Specific tests for engine- or motor-driven knapsack sprayers.....	9
7.1 Volume of external surface deposit.....	9
7.2 Volume of total residual liquid.....	9
8 Specific tests for compression sprayers.....	10
8.1 Volume test.....	10
8.1.1 Volume of external surface deposit.....	10
8.1.2 Volume of total residual liquid.....	10
8.2 Drop test.....	10
9 Test report.....	11
Annex A (informative) Example of a preconditioning device.....	12
Annex B (informative) Example of a spray liquid shut-off test device.....	13
Annex C (informative) Example of a strap test device.....	14
Annex D (informative) Example of drop test device.....	15
Annex E (informative) Example of filling device.....	17
Annex F (informative) Example of test report.....	18