

ISO 16122-3:2015-03 (E)

Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush and tree crops

Contents		Page
5	Test methods	9
5.1	Test facilities	9
5.2	Spray and agitation pump(s)	9
5.2.1	Pump capacity test	9
5.2.2	Pump pulsations	10
5.3	Sprayer's pressure indicators	10
5.3.1	Specifications of pressure indicators used for verification	10
5.3.2	Verification method of the sprayer pressure indicator	11
5.4	Flow meters for controlling the volume/hectare rate	11
5.4.1	General	11
5.4.2	Operating procedure No. 1: Verification by nozzle flow rate measurement	11
5.4.3	Operating Procedure No. 2: Verification by installing a calibrated flow meter on the circuit of the sprayer	12
5.5	System for controlling forward speed	12
5.6	Flow rate of the spray nozzles	13
5.6.1	General	13
5.6.2	Measurement with nozzles fitted on the sprayer	13
5.6.3	Measurement with nozzles removed from the sprayer	13
5.7	Pressure drop	14
5.8	Pressure variation when the spray is switched off	14
5.9	Pressure distribution	14
	Bibliography	15