



Funded by
the Better Training for Safer Food
Initiative of the European Union

INSPECTION AND CALIBRATION OF PESTICIDE APPLICATION EQUIPMENT IN PROFESSIONAL USE 2015-2016
Case study

Practical organization Workshop Lecture 2

Inspection's material

Jako Kole & Emilio Gil



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Time: 45 min

Organization:

1. Test manometer & spray scanner (**15 min**) – Jako Kole & Emilio Gil

All the attendants together will follow a demonstration about test manometer and pump tester. These activities will be arranged indoor at Agropolis.

After that attendants will be divided into two groups (see document) for groups information.

2. Inspection material for boom sprayers (**15 min**) – Jako Kole – Group 1

- Flow rate measurements using: spray scanner, probete, electronic flow meter
- Pressure test at different boom sections

2. Inspection material for orchard sprayers (**15 min**) – Emilio Gil – Group 2

- Flow rate measurements using: mechanical flow meter, nozzle carrousel
- Vertical patternator
- Pressure test at different at both sides of the sprayer

These activities will be carried out outside of the workshop

After that, groups will change the station and will repeat the activity (**15 min**)

During the activity, the attendants will try to fulfil the document prepared with information about the different devices for inspection.

For these activities a Hardi boom sprayer (12 m) and a Hardi SPV mistblower will be used.

Depending on the available time, the proposed activities will be shorter and proposed to the attendants to use the devices during the following practical activity, Workshop about inspections, where they will have two hours to arrange a complete inspection (boom sprayer and orchard sprayer).