

Sprayer inspection in Flanders



Johan Declercq

Test equipment and calibration

Instituut voor Landbouw- en Visserijonderzoek

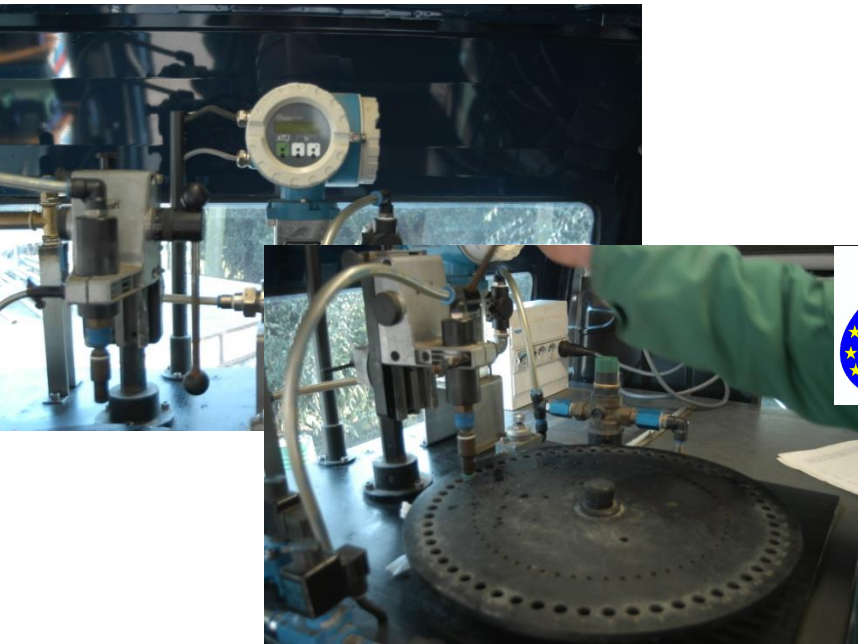
Eenheid Technologie & Voeding

www.ilvo.vlaanderen.be

Beleidsdomein Landbouw en Visserij

Inspection equipment

- **Van** with elevator
- and all necessary equipment:



-Nozzle test bench

- Testing nozzles separately from the sprayer
- Stays in the van

-Validated weekly, calibrated and full maintenance yearly

Inspection equipment

-Orchard sprayer nozzle test bench:

- Testing nozzles on the sprayer
- 16 nozzles with analogue read out
- Calibrated and full maintenance yearly



- Manometers with nozzle adaptor set:

- Pressure measurements on boom sections

-Manometers validated weekly, calibrated and full maintenance monthly

Inspection equipment

- **Manometer test stand:**
- Full maintenance yearly



Rate controller testing equipment:

- validated weekly, calibrated and full maintenance yearly



Inspection equipment

-A lot of other small equipment:

- Laptop with gprs and printer
- Different measuring cups
- Measuring sacs
- Chronometer (validated yearly)
- Validation nozzle set
- Supports
- Stairs
- Protection clothings
- Manuals (Nozzles, rate controllers,...)
-



<http://www.ilvo.vlaanderen.be/keuringspuittoestellen>

<http://www.ilvo.vlaanderen.be/spraytechlab>



Instituut voor Landbouw- en Visserijonderzoek

Eenheid Technologie & Voeding

www.ilvo.vlaanderen.be

Beleidsdomein Landbouw en Visserij