SPISE TWG 11

Periodical Inspection of Foggers and LVM equipment
ULV equipment

• Definition: equipment which produce very small 1-50 μm droplets means to treat pests with low Volume Application Rate

• 3 types:
  – Hot Fogging: Thermal or electrical energy used to create and transport droplets
  – Electro Fogging: Electrical energy used to create droplets and fan to transport
  – Cold fogging: Energy from compressed air used to create droplets and transport by additional fan.
Fogging and LVM equipment

- No EN of ISO standard for new machines, only general requirements from 2009/127/ec, amendment on Machinery Directive.
- No EN or ISO standard available for inspection of machines in use.
- Only requirements from Annex II, 2009/128/ec
- Experiences from Belgium, UK and Nederland
- Goal to develop SPISE Advise
- Later on ISO standard, also for new machines
Using the EN-ISO 16122 standard

- Before the inspection (EN-ISO 16122-1)
- During the inspection (relevant parts of EN-ISO 16122:4)
Inspection – LVM Machines

A. Leaks and dripping
B. Spray mix agitation
C. Spray liquid tank
D. Measuring systems, controls and regulation systems
E. Lines (pipes and hoses)
F. Filters
G. Distribution
How to continue

• Finish the content of the SPISE Advise
• To be discussed next meeting of SPISE TWG
• Publishing afterwards
• Pushing CEN/ISO to develop harmonized standards.