



Plant Health EURL

**Expert group on establishment of
EURLs for Plant Health (Delegated Act)
29 May 2017, Brussels, Belgium**

DG HEALTH AND FOOD SAFETY

Tasks of EURLs for Plant Health (1)

- ❑ Provide NRLs with:
 - (a) Details & guidance
 - (b) Reference materials

- ❑ Coordinate NRLs (+other official labs) for:
 - (c) Application of methods
 - (c) Comparative Test or Proficiency Test
 - Follow-up
 - Inform Commission and MS
 - (d) Practical arrangements and advances

Tasks of EURLs for Plant Health (2)

- (e) Trainings
- (f) Scientific and technical assistance to the Commission
- (g) Information of NRLs about relevant national, UE and international research activities
- (h) Collaboration with 3d countries labs, EFSA, EMA and ECDC
- (i) Assistance in outbreak : diagnoses, characterisation and studies of the pests

Tasks of EURLs for Plant Health (3)

- (j) Tests of reagents
- (k) Where relevant : reference collections of:
 - **Pests**
 - **Materials**
 - **Substances and reagents**
- (l) Enhance collaboration

Specificities of EURLs for Plant Health (1)

- Over 250 pests
 - Directive 2000/29/EC
 - Relisted in Regulation (EU) No 2016/203
- Pests grouped as follows:
 - I. Insects, mites and nematodes
 - II. Bacteria (and phytoplasmas)
 - III. Fungi
 - IV. Viruses (and viroids)

Specificities of EURLs for Plant Health (2)

- Often different substrates (hosts) for the same pest
- Diverse diagnostic methods
 - Conventional (Morphological, microscopy)
 - Immunological (e.g. Elisa)
 - Molecular (e.g. PCR, RealTime PCR, LAMP, sequencing)
 - Combination of the above
- Validated diagnostic protocols not available for all pests

Option 1 – "the harmful approach"

As in the annexes of Directive 2000/29/EC

- I. Insects, mites and nematodes
- II. Bacteria (and phytoplasmas)
- III. Fungi
- IV. Viruses (and viroids)

Option 2 – "the commodity approach"

- a) Agricultural crops
- b) Fruits and Vegetables
- c) Forest trees
- d) Ornamentals

Option 3 – "the combined approach"

	a) Agricultural crops	b) Fruits and Vegetables	c) Forest trees	d) Ornamentals
I. Insects, mites and nematodes				
II. Bacteria (and phytoplasmas)				
III. Fungi				
IV. Viruses (and viroids)				

Exchanges of views

Thank you for your attention