



State of play of data support to JRC activities on priority pests

**Expert Group on Plant Health Legislation,
Discussion of the Delegated Act on Priority
Pest
Brussels, 24 April 2019**

Mart Kinkar

Mandate: Request for technical assistance

- **Task 1: Methodology development**, identification of indicators and alternative weights for each of the criteria
- **Task 2: Application of the methodology** to two pilot pests, which will be defined at the onset of the project based on data promptly available, while covering different types of pests
- **Task 3: Extension of the application** of the methodology to the remaining potential candidate priority pests



28 Candidates

	Insects
1	<i>Anastrepha ludens</i>
2	<i>Bactrocera zonata</i>
3	<i>Bactrocera dorsalis</i>
4	<i>Rhagoletis pomonella</i>
5	<i>Anthonomus eugenii</i>
6	<i>Conotrachelus nenuphar</i>
7	<i>Spodoptera frugiperda</i>
8	<i>Thaumatotibia leucotreta</i>
9	<i>Popillia japonica</i>
10	<i>Thrips palmi</i>
11	<i>Bactericera cockerelli</i>
12	<i>Aromia bungii</i>
13	<i>Anoplophora chinensis</i>
14	<i>Anoplophora glabripennis</i>
15	<i>Agrilus anxius</i>
16	<i>Agrilus planipennis</i>
16	<i>Dendrolimus sibiricus</i>

	Bacteria
17	<i>Candidatus Liberibacter spp. (citrus greening)</i>
18	<i>Xanthomonas citri</i>
19	<i>Grapevine flavescence dorée</i>
20	<i>Xylella fastidiosa</i>
21	<i>Clavibacter michiganensis subsp. sepedonicus</i>
22	<i>Ralstonia solanacearum</i>
	Fungi
23	<i>Synchytrium endobioticum</i>
24	<i>Ceratocystis fagacearum</i>
25	<i>Phyllosticta citricarpa</i>
26	<i>Tilletia indica</i>
	Nematodes
27	<i>Bursaphelenchus xylophilus</i>

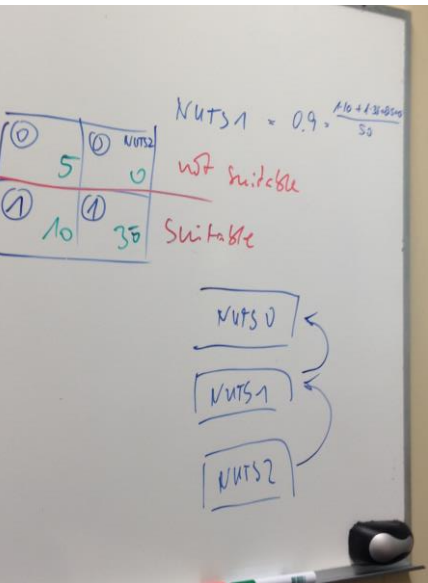
- **Report on the methodology: under review** (3rd June online)

- **28 Datasheets: finalised** (3rd June online)

- **28 EKE reports: under finalisation** (15 May ready as drafts → 3rd June online)
 - Harmonisation of results
 - Identification of the main elements of uncertainty and components of reasoning
 - Better structured reasoning

After the EKE phase

- Review of the guidance document, datasheets and EKE reports
- Meeting with JRC concerning methodological aspects
- Metadata analysis



		1%	2.50%	5%	10%	17%	25%	33%	50%	67%	75%	83%	90%	95%	97.50%
BACTERIA	<i>Candidatus Liberibacter spp.</i> (citrus greening)	17.70%	23.80%	29.90%	37.70%	45.00%	52.00%	57.80%	67.80%	76.70%	81.10%	85.70%	89.80%	93.50%	95.71%
	<i>Xanthomonas citri</i>	2%	2%	3%	4%	5%	7%	9%	12%	17%	21%	27%	35%	48%	62%
	<i>Xanthomonas citri</i>	0%	0%	1%	1%	2%	3%	3%	5%	7%	8%	10%	12%	14%	17%
	<i>Grapevine flavescence dorée</i>	0.60%	0.80%	1.10%	1.50%	1.90%	2.40%	3.00%	4.30%	6.10%	7.50%	9.60%	12.40%	16.80%	21.90%
	<i>Xylella fastidiosa</i>	9.40%	12.10%	14.90%	18.50%	22.00%	25.60%	28.70%	34.60%	40.90%	44.50%	48.90%	53.60%	59.00%	63.50%
	<i>Xylella fastidiosa</i>	24.40%	30.60%	36.30%	43.40%	49.80%	55.80%	60.70%	69.10%	76.70%	80.50%	84.60%	88.40%	91.80%	94.30%
	<i>Xylella fastidiosa</i>	1.80%	2.80%	3.80%	5.50%	7.20%	8.90%	10.40%	13.30%	16.20%	17.70%	19.50%	21.20%	22.80%	24.00%
	<i>Xylella fastidiosa</i>	0.20%	0.30%	0.50%	0.70%	0.90%	1.20%	1.50%	2.10%	2.80%	3.30%	3.90%	4.70%	5.60%	6.80%
	<i>Xylella fastidiosa</i>	0.00%	0.10%	0.10%	0.20%	0.40%	0.50%	0.70%	1.00%	1.50%	1.90%	2.30%	2.90%	3.70%	4.40%
	<i>Xylella fastidiosa</i>	0.10%	0.10%	0.10%	0.20%	0.20%	0.30%	0.40%	0.50%	0.70%	0.80%	0.90%	1.10%	1.40%	1.60%
	<i>Xylella fastidiosa</i>	0.10%	0.30%	0.70%	1.50%	2.80%	4.50%	6.40%	10.90%	16.20%	19.40%	23.10%	26.70%	30.20%	32.50%
	<i>Clavibacter michiganensis subsp. sepedonicus</i>	0.002%	0.004%	0.007%	0.011%	0.015%	0.020%	0.025%	0.035%	0.047%	0.055%	0.065%	0.076%	0.090%	0.103%
	<i>Clavibacter michiganensis subsp. sepedonicus</i>	2.03%	2.17%	2.30%	2.45%	2.60%	2.74%	2.86%	3.09%	3.34%	3.49%	3.68%	3.89%	4.16%	4.40%
	<i>Ralstonia solanacearum</i>	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%	0.001%	0.003%	0.007%	0.010%	0.014%	0.020%	0.029%	0.037%
	<i>Ralstonia solanacearum</i>	0.05%	0.06%	0.07%	0.09%	0.10%	0.12%	0.14%	0.17%	0.21%	0.24%	0.28%	0.33%	0.39%	0.46%
<i>Ralstonia solanacearum</i>	0.60%	1.10%	1.60%	2.50%	3.50%	4.70%	5.90%	8.60%	11.90%	14.20%	17.20%	20.90%	25.70%	30.40%	
<i>Synchytrium endobioticum</i>	0.10%	0.10%	0.20%	0.30%	0.50%	0.60%	0.70%	1.00%	1.30%	1.50%	1.70%	2.00%	2.30%	2.60%	
<i>Ceratocystis fagacearum</i>	0.30%	0.40%	0.50%	0.70%	0.90%	1.20%	1.40%	2.10%	3.10%	3.80%	5.00%	6.60%	9.20%	12.00%	
<i>Phylosticta citricarpa</i>	0%	0%	0%	0%	1%	1%	1%	2%	3%	4%	5%	6%	8%	10%	
<i>Tilletia indica</i>	0.005%	0.007%	0.009%	0.013%	0.019%	0.025%	0.032%	0.050%	0.078%	0.100%	0.135%	0.186%	0.270%	0.373%	
<i>Anastrepha ludens</i>	0.90%	1.20%	1.50%	1.90%	2.40%	3.00%	3.60%	4.90%	6.80%	8.10%	10.00%	12.50%	16.30%	20.50%	
<i>Anastrepha ludens</i>	2.00%	2.30%	2.70%	3.40%	4.10%	5.00%	5.90%	7.90%	10.40%	12.10%	14.30%	17.10%	20.70%	24.20%	
<i>Bactrocera zonata</i>	3.60%	4.70%	5.80%	7.30%	8.80%	10.40%	11.80%	14.70%	18.00%	20.10%	22.80%	26.00%	30.00%	33.80%	
<i>Bactrocera zonata</i>	0.40%	0.80%	1.20%	2.00%	2.90%	4.00%	5.00%	7.30%	11.70%	13.90%	16.50%	19.80%	22.80%		
<i>Bactrocera zonata</i>	1.50%	2.30%	3.20%	4.60%	6.00%	7.70%	9.30%	12.60%	16.70%	19.30%	22.80%	27.00%	32.50%	37.70%	
<i>Bactrocera dorsalis</i>	3.90%	5.10%	6.50%	8.30%	10.20%	12.20%	14.10%	17.80%	22.20%	25.00%	28.60%	32.80%	38.20%	43.20%	
<i>Bactrocera dorsalis</i>	0.60%	1.10%	1.60%	2.50%	3.50%	4.70%	5.90%	8.60%	11.90%	14.20%	17.20%	20.90%	25.70%	30.40%	
<i>Bactrocera dorsalis</i>	0.70%	1.20%	1.70%	2.70%	3.80%	5.00%	6.30%	9.10%	12.50%	14.90%	18.00%	21.80%	26.80%	31.60%	
<i>Rhagoletis pomonella</i>	1.50%	2.30%	3.70%	6.40%	10.10%	14.90%	19.80%	30.50%	42.60%	49.50%	57.40%	64.90%	71.90%	76.40%	



How to use EFSA outputs

Example of the datasheet and EKE report on Anastrepha ludens

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**Thank you for your
attention!**