

## Annex 4

Laboratory of Plant Health and Microbiology		
Pricelist of Plant Health sector		
№	Name of Analysis	Prices Eur-s
<b>Bacteriological analyses</b>		
1	Potato ring rot ( <i>Clavibacter michiganensis ssp. sepedonicus</i> ) (1 sample=200 tubers) *	62,54
2	Potato brown rot ( <i>Ralstonia solanacearum</i> ) (1 sample=200 tubers) *	62,54
3	Fireblight ( <i>Erwinia amylovora</i> )	48,89
4	Bacterial angular leaf spot of strawberry ( <i>Xanthomonas fragariae</i> )	60,00
5	Bacterial angular leaf spot of strawberry ( <i>Xanthomonas fragariae</i> ) from frigo plants	80,00
6	Detection of Phytoplasma <i>Candidatus phytoplasma mali</i> (Apple proliferation phytoplasma) and <i>Candidatus phytoplasma pyri</i> (Pear decline phytoplasma) with PCR-method 1-sample	85,00
7	Detection of Phytoplasma <i>Candidatus phytoplasma mali</i> (Apple proliferation phytoplasma) and <i>Candidatus phytoplasma pyri</i> (Pear decline phytoplasma) with PCR-method 1 monitoring - 50 samples	550,00
<b>Virological analyses</b>		
8	Detection of one Potato virus by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample=200 tubers)*	219,92
9	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample=220 tubers) *	104,01
10	Detection of one Potato virus by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 220 tubers grouped in four) *	103,68
11	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 220 tubers grouped in four) *	49,40
12	Detection of one Potato virus by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample=110 tubers) (UNECE stand. S-1 Seed Potatoes)	118,52
13	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample=110 tubers) (UNECE stand. S-1 Seed Potatoes)	58,26
14	Detection of one Potato virus by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 110 tubers grouped in four) (UNECE stand. S-1 Seed Potatoes)	68,79
15	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 110 tubers grouped in four) (UNECE stand. S-1 Seed Potatoes)	36,54
16	Detection of one Potato virus by <i>Elisa method</i> (A,S,M,X,Y với PLRV) from the leaves brought by the customer (1 sample = 200 leaves)	195,84
17	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 200 leaves)	104,00

18	Detection of one Potato virus by <i>Elisa method</i> (A,S,M,X,Y với PLRV) from the leaves brought by the customer (1 sample = 90 leaves)	<b>105,33</b>
19	Detection of one additional virus from the same sample by <i>Elisa method</i> (A, S, M, X, Y or PLRV) (1 sample = 90 leaves)	<b>59,93</b>
20	Detection of Potato Spindle Tuber viroid (PSTV) by RT-PCR method - 1 monitoring 50 samples (pathogen detection from up to 250 plants; for further additional analysis agreement from the laboratory is necessary )	<b>660,00</b>
21	Detection of Pepino Mosaic Virus (PepMV) or Plum Pox Virus (PPV) or Tomato Spotted Wilt Virus (TSWV) or Impatiens Necrotic Spot Virus (INSV) or Cucumber Mosaic Virus (CMV) or Alfalfa Mosaic Virus (AMV) or Potato Mop Top Virus (PMTV) or Hosta Virus X (HVX) (1 monitoring=77 samples) by <i>ELISA-method</i>	<b>290,00</b>
22	Detection of one of the viruses from the leaves - Tobacco Rattle virus TRV, Potato Mop-Top virus - PMTV, Pepino Mosaic virus - PepMV, Potato viruses - PVY, PVA, PVM, PVX, PLRV by PCR-method (1 sample)	<b>85,00</b>
23	Detection of one additional virus from the same sample (Tobacco Rattle virus - TRV, Potato Mop-Top virus - PMTV, Pepino Mosaic virus - PepMV, Potato viruses - PVY, PVA, PVM, PVX, PLRV) by PCR-method (1 sample)	<b>42,00</b>
24	virus - CMV, Impatiens Necrotic Spot virus - INSV, Tomato Spotted Wilt virus - TSWV, Alfalfa Mosaic virus - AMV, Hosta virus X - HVX, Black Currant Reversion virus - BRV, Plum Pox Virus PPV) by PCR-method	<b>80,00</b>
25	Detection of one additional virus from the same sample (Cucumber Mosaic virus - CMV, Impatiens Necrotic Spot virus - INSV, Tomato Spotted Wilt virus - TSWV, Alfalfa Mosaic virus - AMV, Hosta virus X - HVX, Black Currant Reversion virus - BRV, Plum Pox Virus PPV) by PCR-method	<b>37,00</b>
26	Detection of one of the viruses from potato tubers (Tobacco Rattle virus - TRV, Potato Mop-Top virus - PMTV, Potato viruses - PVY, PVA, PVM, PVX, PLRV) by PCR-method - 1 sample (upto 10 tubers)	<b>85,00</b>
27	Detection of one additional virus from the same sample (Tobacco Rattle virus - TRV, Potato Mop-Top virus - PMTV, Potato viruses - PVY,PVA, PVM, PVX, PLRV) PCR-method - 1 sample (upto 10 tubers)	<b>42,00</b>
28	Detection of one of the viruses from potato tubers (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) by PCR-method – monitoring 50 samples tested 1 by 1 by PCR-method	<b>340,00</b>
29	Detection of one of the viruses from potato tubers (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) by PCR-method – monitoring 50 samples tested by bulking 4 together by PCR-method	<b>170,00</b>
30	Detection of one additional virus from the same sample (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) by PCR-method – monitoring 50 samples tested 1 by 1 by PCR-method.	<b>160,00</b>

31	Detection of one additional virus from the same sample (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) PCR-method – 1 monitoring 50 samples tested by bulking 4 together by PCR-method	80,00
32	Detection of one of the viruses from potato tubers (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) by PCR-method – monitoring 100 samples tested by bulking 10 together	131,33
33	Detection of one additional virus from the same sample (TRV, PMTV, PVY, PVA, PVM, PVX, PLRV) by PCR-method – monitoring 100 samples tested by bulking 10 together	71,67
34	Detection of Pepino Mosaic virus PepMV in tomato seeds by PCR-method	100,00
35	Detection of CMV, INSV, TSWV, AMV ja HVX viruses in plants by RT-PCR multiplex method (1 sample)	60,72
36	Detection of CMV, INSV, TSWV, AMV ja HVX viruses in plants by RT-PCR multiplex method (10 samples)	231,32
	<b>Entomological analyses</b>	<b>25,67</b>
	<b>Nematological analyses</b>	
37	Extraction and detection of potato cyst nematode ( <i>Globodera pallida</i> , <i>Globodera rostochiensis</i> ) from the tubers, soil or peat (1 sample of soil = 250 ml)	18,76
38	Extraction and detection of potato cyst nematode ( <i>Globodera pallida</i> , <i>Globodera rostochiensis</i> ) in peat (1 sample of peat = 250 ml)	40,48
39	Extraction and detection of potato cyst nematode ( <i>Globodera pallida</i> , <i>Globodera rostochiensis</i> ) in soil and peat (1 sample of soil = 500 ml)	40,48
40	Identification of potato cyst nematode species ( <i>Globodera pallida</i> , <i>Globodera rostochiensis</i> ) by PCR	45,09
41	Extraction and detection of nematodes from plant tissues, leaves, buds and stems (pine wood nematode, potato tuber nematode, stem and bulb eelworm etc)	35,00
42	Extraction and detection of pine wood nematode from longhorn beetles body (included identification of longhorn beetles to species)	42,00
	<b>Mycological analyses</b>	
43	Detection of <i>Tilletia indica</i>	34,24
44	Detection of potato wart disease ( <i>Synchytrium endobioticum</i> ) from the soil	26,33
45	Detection of <i>Phytophthora ramorum</i>	65,17
46	Detection of <i>Phytophthora kernoviae</i>	65,17
47	Detection of <i>Phytophthora fragariae</i> (ELISA-method + biometod (1 monitoring=77 samples)	634,02
48	Detection of <i>Phytophthora fragariae</i> (PCR-method+ biometod (1 sample)	50,00
49	Detection of <i>Colletotrichum accutatum</i> ELISA method + biometod (1 monitoring=77 samples)	1051,95
50	Detection of <i>Gibberella circinata</i> or <i>Fusarium circinatum</i>	61,27
51	Detection of <i>Mycosphaerella pini</i> / <i>Mycosphaerella dearnessii</i>	65,00

52	Other mycological analysis by biological method and/or microscopic examination	55,00
53	Weed detection	12,84
54	Primary detection of plant diseases and pests	31,60
*From the same sample of potato tubers it is possible to detect potato ring-rot, potato brown-rot and quality viruses		

Laboratory of Plant Health and Microbiolog		
Pricelist of Microbiology Sector		
№	Name of Analysis	Prices Eur-s
1	Butyric acid bacteria	13,98
2	Denitrifying bacteria on Hiltay medium	13,98
3	Yeasts and moulds	9,50
4	Total Plate Count (Count of aerobic mesophilic bacteria)	8,63
5	Aerobic sporulating bacteria	9,50
6	<i>Fusarium sp</i> on Nash and Snyder medium	14,64
7	Actinomycetes	14,64
8	Azotobacteria on Ashby medium	14,64
9	Sulphate reducing bacteria on Starkey medium	13,98
10	<i>Lactobacillus spp.</i>	9,50
11	Nitrifying bacteria on water agar	16,61
12	Cellulose demulsifying bacteria on Hutchinsoni medium	16,61
13	<i>Enterobacteriaceae</i>	10,86
14	Coliform bacteria	10,86
15	<i>Escherichia coli</i>	10,86
16	<i>Salmonella spp</i>	15,50
17	<i>Listeria monocytogenes</i>	21,80
18	<i>Clostridium perfringens</i>	16,80
19	Determination of the toxicity with the <i>Bacillus stearothermophilus</i>	13,98
20	Total toxicity	20,89
21	Glomalin extraction and detection in soils with ELISA method	25,00
<b>Issuing tehcnical culture</b>		
1	Technical culture in liquid medium (EUR/l):	30,00
2	Technical culture on solid medium (EUR/psc)	14,00
3	Wine yeast (EUR/L)	30,00