

List of available analyses (non-exhaustive)

Organism	Matrix	Required amount of sample	Method of analysis	Price	Normal duration of analysis	Accreditation
Alfalfa mosaic virus (AMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Apple chlorotic leafspot virus (ACLSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Apple mosaic virus (ApMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Arabis mosaic virus (ArMV)	leaf/seeds	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Asparagus virus 2 (AV-2)	leaf/stems	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Barley mild mosaic virus (BaMMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Barley stripe mosaic virus (BSMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Barley yellow dwarf virus (BYDV)	leaf/stems	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Bean common mosaic virus (BCMV)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Bean golden mosaic virus (BGMV)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Bean leaf roll virus (BLRV)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Beet necrotic yellow vein virus (BNYVV)	roots (sampling after rain or irrigation)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Beet western yellows virus (BWYV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Beet yellows virus (BYV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Broad bean wilt virus 1 en 2 (BBWV-1/BBWV-2)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Carla viruses	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Carnation ringspot virus (CRSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Cauliflower mosaic virus (CaMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Celery mosaic virus (CeMV)	leaf/stems	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Cherry leaf roll virus (CLRV)	buds/young leaf (seasonal + mixing samples!)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Chrysanthemum stem necrosis virus (CSNV)	leaf/stems	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	Yes
	leaf/stems	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	Yes
Chrysanthemum stunt viroid (CSVd)	above-ground plant parts	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Chrysanthemum virus B (CVB)	leaf/stems	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Citrus exocortis viroïde (CEVD)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Citrus tristeza virus (CTV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Columnnea latent viroid (CLVd)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Cucumber aphids born virus (CABYV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Cucumber green mottle mosaic virus (CGMMV)	leaf/stems/fruit	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/stems/fruit/seeds	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/stems/fruit/seeds	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Cucumber vein yellowing virus (CVYV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Cucumber yellow stunting disorder virus (CYSVD)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Cymbidium mosaic virus (CymMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Hosta virus X (HVX)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Hydrangea mosaic virus (HdMV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Hydrangea ringspot virus (HdRSV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Iilar viruses	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Impatiens necrotic spot virus (INSV)	leaf/stems/fruit	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Iris yellow spot virus (IYSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Leek yellow stripe virus (LYSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Lettuce big-vein associated virus (LBVaV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Lettuce mosaic virus (LMV)	leaf/seeds	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Lettuce ring necrosis virus (LRNV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
<i>Candidatus</i> Liberibacter americanus	leaf/tubers/roots	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
<i>Candidatus</i> Liberibacter africanus	leaf/tubers/roots	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
<i>Candidatus</i> Liberibacter asiaticus	leaf/tubers/roots	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
<i>Candidatus</i> Liberibacter solanacearum (zebra chip)	leaf/tubers/roots	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	Yes
Little cherry virus 1/Little cherry virus 2 (LChV1/LChV2)	leaf/buds/flowers/young shoots (branch)	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Luteo viruses	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No

Mirafiori lettuce big-vein virus (MiLBVV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Moroccan watermelon mosaic virus (MWMV)	leaf/fruit	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Odontoglossum ringspot virus (ORSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Papaya ringspot virus (PRSV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/fruit	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Pea enation mosaic virus 1 en 2 (PEMV)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Pea seed-borne mosaic virus (PSbMV)	leaf/stems/pods	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Pepino mosaic virus (PepMV)	leaf/(fruit)/seeds	5-25 (symptomatic) plant parts (preferably leaves) - seeds: 100-250 are tested out of a recommended sample size of 3000 seeds	ELISA	S/M	5-10 days	Yes
	leaf/fruit/seeds	5-25 (symptomatic) leaves or other symptomatic plant part	Real-time PCR	M	5-10 days	Yes
Phytoplasma zoals Pear Decline (PD), Bois Noir (BN), Apple proliferation (AP), Flavescence Dorée (FD), Stolbur, Aster Yellow (AY), European stone fruit phytoplasma (ESFY)...	leaf/roots (seasonal)	5-25 (symptomatic) leaves or root pieces, taken in different places from the same plant	Real-time PCR	M	5-10 days	No
Plum Pox virus (sharka, PPV)	leaf/petals (host dependent)	5-25 (symptomatic) leaves, flowers or fruits – scattered sampling in the tree canopy. In winter, twigs with dormant buds may be sampled (>5)	ELISA	S/M	5-10 days	Yes
	leaf/petals (host dependent)	5-25 (symptomatic) leaves, flowers or fruits – scattered sampling in the tree canopy. In winter, twigs with dormant buds may be sampled (>5)	Real-time PCR	M	5-10 days	Yes
Polero viruses	above-ground plant parts	5-25 (symptomatic) leaves or other symptomatic plant part	PCR	M	5-10 days	No
Pospiviroids	leaf	5-25 (symptomatic) leaves or other symptomatic plant part	Real-time PCR	M	5-10 days	Yes
Potato leaf roll virus (PLRV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Potato mop-top virus (PMTV)	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Potato spindle tuber viroid (PSTVD)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Potato virus A (PVA)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Potato virus M (PVM)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	PCR	M	5-10 days	No
Potato virus S (PVS)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	PCR	M	5-10 days	No
Potato virus V (PVV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	PCR	M	5-10 days	No
Potato virus X (PVX)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Potato virus Y (PVY)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/tubers	5-25 leaves, 1-200 tubers. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Poty viruses	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Prunus necrotic ringspot virus (PNRSV)	leaf/buds/flowers/young shoots (branch)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Raspberry ringspot virus (RpRSV)	leaf/branches and twigs (grape)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/branches and twigs (grape)	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No

Rose rosette virus (RRV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Southern bean mosaic virus (SBMV)	leaf/seeds	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Sowbane mosaic virus (SoMV)	leaf/seeds	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Soybean mosaic virus (SMV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Squash mosaic virus (SqMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Strawberry crinkle virus (SCV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Strawberry latent ringspot virus (SLRSV)	leaf (young)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf (young)	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Strawberry mild yellow edge virus (SMYEV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato feathery mottle virus (SPFMV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato virus C (SPVC)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato virus G (SPVG)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato virus 2 (SPV2)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato chlorotic stunt virus (SPCSV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato leaf curl virus (SPLCV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato symptomless virus 1 (SPSMV-1)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Sweet potato caulimo-like virus (SPCaLV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tobacco mosaic virus (TMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Tobacco rattle virus (TRV)	leaf/tubers/seeds	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	above-ground plant parts/tubers (potato)/Trichodoridae (nematodes)	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Tobacco ringspot virus (TRSV)	leaf/seeds/bark (young shoots, below ground plant parts) (host dependent!)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tomato aspermy virus (TAV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tomato black ring virus (TBRV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	above-ground plant parts	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tomato brown rugose fruit virus (ToBRFV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Tomato chlorosis virus (ToCV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tomato chlorotic dwarf viroid (TCDVd)	above-ground plant parts	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Tomato infectious chlorosis virus (TICV)	leaf	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Tomato mosaic virus (ToMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Tomato ringspot virus (ToRSV)	leaf/seeds/bark (young shoots, below ground plant parts) (host dependent!)	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/seeds/bark (young shoots, below ground plant parts) (host dependent!)	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Tomato spotted wilt virus (TSWV)	leaf/stem/fruit	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	Yes
	above-ground plant parts	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	Yes
Tomato yellow leaf curl Sardinia virus (TYLSCSV)	leaf/stems	5-25 (symptomatic) leaves of the upper half of the plant, preferably including the growing tip	ELISA	S	5-10 days	Yes
	leaf/stems	5-25 (symptomatic) leaves of the upper half of the plant, preferably including the growing tip	Real-time PCR	M	5-10 days	Yes
Tomato yellow leaf curl virus (TYLCV)	leaf/stems	5-25 (symptomatic) leaves of the upper half of the plant, preferably including the growing tip	ELISA	S	5-10 days	Yes
	leaf/stems	5-25 (symptomatic) leaves of the upper half of the plant, preferably including the growing tip	Real-time PCR	M	5-10 days	Yes
Tospo viruses	above-ground plant parts	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Turnip mosaic virus (TuMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
Turnip yellows virus (TuYV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No

Watermelon mosaic virus (WMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/fruit	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Watermelon silver mottle virus (WSMoV)	leaf	5-25 pieces. Preferred: with symptoms	PCR	M	5-10 days	No
Zucchini yellow mosaic virus (ZYMV)	leaf	5-25 pieces. Preferred: with symptoms	ELISA	S	5-10 days	No
	leaf/fruit	5-25 pieces. Preferred: with symptoms	Real-time PCR	M	5-10 days	No
Clavibacter sepedonicus (ringrot) (Cms) Ralstonia species complex (bruinrot) (Rs)	potatoes	200 tubers	Immunofluorescence (Cms) and selective plating (Rs)	138,02	20 days	Yes
Ralstonia solanacearum (bruinrot)	surface water	500 ml	Selective plating	S + additional cost water	8 days	Yes
Ralstonia solanacearum (bruinrot)	sewage, sluds, soil, ...	500 g	Selective plating	S + additional cost soil	8 days	No
Pectobacterium (Erwinia atroseptica, Erwinia carotovora) en Dickeya (Erwinia chrysanthemi)	potatoes	110 tubers	PCR after enrichment	M	10 days	No
Pectobacterium (Erwinia atroseptica, Erwinia carotovora) en Dickeya (Erwinia chrysanthemi)	water	500 ml	PCR after enrichment	M	10 days	No
Pseudomonas syringae pv. porri	leek seeds	5000 seeds	Selective plating	S + additional cost seeds	10 days	No
Pseudomonas savastanoi pv. phaseolicola	bean seeds	5000 seeds	Selective plating	S + additional cost seeds	10 days	No
Pseudomonas syringae pv. syringae	bean seeds	5000 seeds	Selective plating	S + additional cost seeds	10 days	No
Xanthomonas axonopodis pv. phaseoli	bean seeds	5000 seeds	Selective plating	S + additional cost seeds	10 days	No
Clavibacter michiganensis spp. michiganensis	tomato seeds	10000 seeds	Selective plating	S + additional cost seeds	12 days	No
Pseudomonas syringae pv. pisi	pea seeds	5000 seeds	Selective plating	S + additional cost seeds	10 days	No
Pantoea stewartii	maize	400 seeds	PCR after enrichment	M	10 days	No
Xanthomonas campestris pv. campestris	Brassica seeds	10.000 seeds	Selective plating	S + additional cost seeds	10 days	No
Acidovorax	Water	500 ml	PCR after enrichment	M	10 days	No
Pratylenchus spp.	soil / substrate	Minimum 200 ml	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
	Plants (roots, stems, bulbs, tubers)	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
Heterodera spp. juvenielen	soil / substrate	Minimum 200 ml	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
	Plants (roots, stems, bulbs, tubers)	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
Globodera spp. juvenielen	soil / substrate	Minimum 200 ml	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
	Plants (roots, stems, bulbs, tubers)	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
Trichodoridae	soil / substrate	Minimum 200 ml	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No
	Plants (roots, stems, bulbs, tubers)	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination (quantification)	VL	5-10 days	No

Meloidogyne spp.	potato tubers	Symptomless tubers: 200 tubers per 25 ton Obvious symptoms: one or more tubers	extraction and identification to genus level by means of microscopic examination (quantification)	VL	5-10 days	Yes
	soil	Minimum 200 ml	extraction and identification to genus level by means of microscopic examination (quantification)	VL	5-10 days	Yes
	plant material	A minimum of 10 g root material, preferably with suspicious knots, taken from different root systems	extraction and identification to genus level by means of microscopic examination (quantification)	VL	5-10 days	Yes
Globodera spp. cysten	soil / slurry / water	Minimum 750 ml	extraction and detection by means of microscopic examination	C	5-10 days	No
	soil / slurry / water	Minimum 750 ml	extraction and detection by means of microscopic examination, determination of number of cysts, content and viability by means of microscopic examination as continuation analysis on a positive sample	C+	10 days	No
	cysts		Morphological species determination of cysts (max 5 cysts)	S	15 days	No
Heterodera spp. cysten	soil /slurry / water	Minimum 750 ml	extraction and detection by means of microscopic examination	C	5-10 days	No
	soil /slurry / water	Minimum 750 ml	extraction and detection by means of microscopic examination, determination of number of cysts, content and viability by means of microscopic examination as continuation analysis on a positive sample	C+	10 days	No
	cysts		Morphological species determination of cysts (max 5 cysts)	S	15 days	No
Ditylenchus spp.	stem / bulb / tuber	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination	VL	5-10 days	No
	seeds	Minimum 200 seeds or 10 g seeds	extraction and identification to genus or species level by means of microscopic examination	VL	5-10 days	No
	soil	Minimum 1000 ml	xtraction and identification to genus or species level by means of microscopic examination	VL	5-10 days	No
Aphelenchoides spp.	Plant (leaves)	Minimum 10 g symptomatic plant parts	extraction and identification to genus or species level by means of microscopic examination	VL	5-10 days	No
	seeds	Minimum 200 seeds or 10 g seeds	extraction and identification to genus or species level by means of microscopic examination	VL	5-10 days	No
Bursaphelenchus xylophilus	wood / bark	Minimum 50 g	extraction and identification to species level by means of microscopic examination	VL	15-20 days	No
Molecular identification fungus	culture	at least 1 pure culture	barcode sequencing	M + additional cost	10-30 days	No
plant pathogenic fungus	seeds	250 seeds	Isolation (culturing on nutrient media) and identification via microscopic analysis	S + additional cost	15-20 days	No
Plant pathogenic fungi (bv. Phytophthora ramorum, Verticillium dahliae, Olpidium virulentus, etc.)	water	at least 1L	filtration + Real-time PCR	M + additional cost	5-15 days	No
Pythium/Fusarium	soil / substrate	1L	preparation of suspension + culture and quantification by counting	S + additional cost	10-15 days	No
Pythium/Fusarium	water	at least 1L	filtration + culture and quantification by counting	S + additional cost	10-15 days	No
Ceratocystis platani	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
Claviceps purpurea	cereal grain	1 kg representative sample	Identification via microscopical analysis	S	2-10 days	No
Colletotrichum acutatum s.l.	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
Cryphonectria parasitica	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
Cryptostroma corticale	bark material	1-5 symptomatic plant parts	PCR	M	5-15 days	No
Diaporthe vaccinii of D. eres of D. viticola	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
Elsinoë fawcetti of Elsinoë australis	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
Fusarium circinatum	seeds	at least 1000 seeds	enrichment + Real-time PCR	M + additional cost	10-20 days	No
Fusarium circinatum	plants (excl. seeds)	1-5 symptomatic plant parts	Screening by isolation (culturing on semi- selective nutrient media) and microscopic analysis	S	10-15 days	No
Fusarium foetens	Begonia	1-5 plant parts	Real-time PCR	M	5-15 days	No

<i>Fusarium oxysporum</i> f.sp. <i>lactucae</i> race 1 of race 4	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Fusarium oxysporum</i> f.sp. <i>lactucae</i> race 1 of race 4	water	at least 1L	filtration + enrichment + Real-time PCR	M + additional cost	15-20 days	No
<i>Geosmithia morbida</i>	plants	1-5 plant parts with boreholes	Real-time PCR	M	5-15 days	No
<i>Glomerella gossypii</i>	seeds	1200 seeds	screening by growing seeds, visual assessment and microscopic analysis	757,71	14-21 days	No
<i>Hymenoscyphus fraxineus</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Magnaporthe grisea</i> (= <i>M. oryzae</i>)	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Melampsora medusae</i>	plants	1-5 plant parts	Real-time PCR	M	5-15 days	No
<i>Monilinia fructicola</i> or <i>M. fructigena</i> or <i>M. laxa</i>	plants	1-5 symptomatic plant parts	PCR	M	5-15 days	No
<i>Olipidium virulentus</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Phyllosticta citricarpa</i>	Citrus	1-5 symptomatic fruits	Real-time PCR	M	5-15 days	No
<i>Phytophthora</i> spp.	water	3-5 <i>Rhododendron</i> bait leaves	Isolation from the bait leaves (carried out by the customer) and analysis to genus level via microscopic analysis	S	10-15 days	No
<i>Phytophthora fragariae</i> of <i>P. rubi</i>	root material	root material of at least 5 plants	maceration + Real-time PCR	M + additional cost	10-20 days	No
<i>Phytophthora lateralis</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Phytophthora ramorum</i> of <i>P. kernoviae</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Phytophthora ramorum</i> of <i>P. kernoviae</i>	plants	1-5 symptomatic plant parts	Isolation (culturing on semi-selective nutrient media) and identification via microscopic analysis	S	10-15 days	Yes
<i>Plasmodiophora brassicae</i>	plants	1-5 symptomatic plants	Real-time PCR	M	5-15 days	No
<i>Plasmopara halstedii</i> , <i>Alternaria brassicae</i> , <i>Leptosphaeria maculans</i> , <i>L. biglobosa</i> , <i>Cercospora kikuchii</i>	seeds	at least 500 seeds	Real-time PCR after grinding	M + additional cost	10-15 days	No
<i>Peronospora tabacina</i> of <i>Pseudocercospora ulei</i> (= <i>Microcyclus ulei</i>) (schimmels op tabak)	leaves	at least 75 leaves (or at least 500 g leaf fragments)	washing + filtration + Real-time PCR	M + additional cost	10-20 days	No
<i>Puccinia horiana</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No
<i>Serpula lacrymans</i> (= <i>Meripilus lacrymans</i>)	construction material (wood, brick, etc.)	1-5 moulded parts	Real-time PCR	M	5-15 days	No
<i>Synchytrium endobioticum</i>	soil	at least 1L	density flotation after sieving or zonal centrifugation + Real-time PCR	M + additional cost	10-20 days	No
<i>Thekopsora minima</i>	plants	1-5 symptomatic planten	Real-time PCR	M	5-15 days	No
<i>Tilletia indica</i> , <i>T. controversa</i> , <i>T. caries</i> , <i>Urocystis agropyri</i>	cereal grain	500 g	washing + sieving + Real-time PCR	M + additional cost	10-20 days	No
<i>Trichoderma</i>	root material	at least 20 gram	maceration + culture and quantification by counting	S + additional cost	15-20 days	No
<i>Trichoderma</i>	soil / substrate	at least 1L	preparation of suspension + culture and quantification by counting	S + additional cost	15-20 days	No
<i>Trichoderma asperellum</i> T34 of <i>Fusarium oxysporum</i> f.sp. <i>lactucae</i> race 1 of race 4	soil / substrate	at least 1L	preparation of suspension + enrichment + Real-time PCR	M + additional cost	15-20 days	No
<i>Verticillium dahliae</i>	soil	at least 1L	density flotation + Real-time PCR	M + additional cost	10-20 days	No
<i>Verticillium dahliae</i> of <i>V. longisporum</i> of <i>V. nonalfalfae</i>	plants	1-5 symptomatic plant parts	Real-time PCR	M	5-15 days	No

<i>Acanthoscelides obtectus</i> / <i>Bean weevil</i>	stock goods: bean seeds	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
<i>Bruchus</i> spp. (<i>B. pisorum</i> , <i>B. rufimanus</i> , ...) / <i>Bean beetles</i>	stock goods: bean seeds	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
<i>Callosobruchus</i> spp. / <i>Pulse beetles</i>	stock goods: feed (grains/bean seeds)	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
<i>Caulophilus latinasus</i> / <i>Broad-nosed grain weevil</i>	stock goods: feed (grains)	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
<i>Diabrotica virgifera</i> / <i>Western corn rootworm</i>	stock goods: feed (grains/maize seeds)	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
<i>Hypothenemus hampei</i> - <i>Sophranica ventralis</i> / <i>Coffee berry borer</i>	stock goods: coffee beans	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No

<i>Trogoderma granarium</i> / <i>Khapra beetle</i>	stock goods: feed (grains)/beans (coffee/cacao)/seeds/...	250 g	Visual screening using stereomicroscope	M + additional cost if positive result	5 days	No
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