

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 |

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| 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 |

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| 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 |

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| 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) | 135,31 | 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 |

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| 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 | extraction 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 |

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| <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 | 742,85 | 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>Olpidium 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 | sewing + density flotation + Real-time PCR | M + additional cost | 10-20 days | No |
| <i>Synchytrium endobioticum</i> | soil | at least 1L | zonal centrifugation + Real-time PCR | M + additional cost | 10-20 days | No |
| <i>Thekopsora minima</i> | plants | 1-5 symptomatic plant parts | 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 |

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| <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 |

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|--|---|-------|---|--|--------|----|
| <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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