

Cannabis Virus Screen (ELISA)			
Cannabis Virus Screen by ELISA	<ul style="list-style-type: none"> <li>Alfalfa Mosaic Virus (AMV)</li> <li>Arabidopsis Mosaic Virus (ArMV)</li> <li>Cucumber Mosaic Virus (CMV)</li> <li>Tobacco Ringspot Virus (TRSV)</li> <li>Tobacco Streak Virus (TSV)</li> </ul>	<ul style="list-style-type: none"> <li>Tobacco Mosaic Virus (TMV)</li> <li>Tomato Bushy Stunt Virus (TBSV)</li> <li>Tomato Mosaic Virus (ToMV)</li> <li>Tomato Ringspot Virus (ToRSV)</li> </ul>	Volume Based

Plant Disease Diagnosis		
Diagnosis	<ul style="list-style-type: none"> <li>Various (see below)</li> <li>Diseases of Hemp (Source: APS) (<a href="https://www.apsnet.org">https://www.apsnet.org</a>)</li> </ul>	TBD: Differential diagnosis may require multiple tests

FUNGAL DISEASES
Anthraxnose ( <i>Colletotrichum coccodes</i> )
Black dot disease ( <i>Epicoccum nigrum</i> )
Brown blight ( <i>Alternaria alternata</i> )
Brown leaf spot and stem canker ( <i>Ascochyta</i> and <i>Phoma</i> spp.)
Charcoal rot ( <i>Macrophomina phaseolina</i> )
Cladosporium stem canker ( <i>Cladosporium</i> spp.)
Curvularia leaf spot ( <i>Curvularia</i> spp.)
Cylindrosporium blight ( <i>Cylindrosporium</i> sp.)
Damping-off ( <i>Botrytis cinerea</i> , <i>Fusarium oxysporum</i> , <i>Fusarium solani</i> , <i>Macrophomina phaseolina</i> , <i>Pythium</i> spp., <i>Rhizoctonia solani</i> )
Fusarium foot rot and root rot ( <i>Fusarium solani</i> )
Fusarium stem canker ( <i>Fusarium sulphureum</i> )
Fusarium wilt ( <i>Fusarium oxysporum</i> )
Downy mildew ( <i>Pseudoperonospora</i> spp.)
Gray mold ( <i>Botrytis cinerea</i> )
Hemp canker ( <i>Sclerotinia sclerotiorum</i> )
Leptosphaeria blight ( <i>Leptosphaeria</i> spp.)
Olive leaf spot ( <i>Cercospora cannabis</i> , <i>Pseudocercospora cannabina</i> )
Ophiobolus stem canker ( <i>Ophiobolus</i> spp.)
Phoma stem canker ( <i>Phoma</i> spp.)
Phomopsis stem canker ( <i>Phomopsis</i> spp.)
Pink Rot ( <i>Trichothecium roseum</i> )
Powdery mildew ( <i>Oidium</i> and <i>Oidiopsis</i> sp.)
Rust ( <i>Aecidium cannabis</i> , <i>Uredo kriegleriana</i> , <i>Uromyces insonspicuus</i> )

FUNGAL DISEASES (continued)
Tar spot ( <i>Phyllachora cannabisidis</i> )
Tropical rot ( <i>Botryodiplodia theobromae</i> )
Twig blight ( <i>Botryosphaeria marconii</i> )
Verticillium wilt ( <i>Verticillium</i> spp.)
White leaf spot ( <i>Phomopsis ganjae</i> )
Yellow leaf spot ( <i>Septoria</i> spp.)

VIRAL AND VIROID DISEASES
Hop Latent Viroid, Tobamovirus Group [Also see virus screening (ELISA) list above.]

PHYTOPLASMAL DISEASES
Witches' broom

BACTERIAL DISEASES
Bacterial blight ( <i>Pseudomonas syringae</i> pv. <i>cannabina</i> )
Crown gall ( <i>Agrobacterium tumefaciens</i> )
Striatura ulcerosa ( <i>Pseudomonas syringae</i> pv. <i>morii</i> )
Xanthomonas leaf spot ( <i>Xanthomonas campestris</i> pv. <i>cannabis</i> )

NEMATODE DISEASES
Cyst (Heteroderidae)
Root-knot ( <i>Meloidogyne</i> sp.)
Stem ( <i>Ditylenchus</i> sp.)