

Plant Pathogen Diagnostic Tests

Our AgriStrip products are listed in alphabetical order on page 15. Our ELISA reagents, reagent sets and complete kits are listed in alphabetical order on page 17–42. Our PCR products are listed on page 43–46. The table below illustrates the prevalence of the pathogens as related to different crop groups.

Pathogen name	Abbreviation	AgriStrip	ELISA	qPCR	PCR macroarray
Potatoes					
Alfalfa mosaic virus	AMV		•		
Andean potato latent virus	APLV		•		
Andean potato mottle virus	APMoV		•		
Potato leafroll virus	PLRV		•	•	•
Potato mop-top virus	PMTV		•		•
Poty group	Poty group		•		
Potato virus A	PVA	•	•	•	•
Potato virus M	PVM	•	•	•	•
Potato virus S	PVS	•	•		•
Potato virus V	PVV		•		
Potato virus X	PVX	•	•		•
Potato virus Y (monoclonal cocktail)	PVY-mono cock	•	•	•	•
Potato virus Y (monoclonal)	PVY-mono	•	•	•	•
Potato virus Y (polyclonal)	PVY-poly	•	•	•	•
Potato virus Y-necrotic	PVY-necrotic	•	•	•	•
<i>Ralstonia solanacearum</i>	Rs	•	•		
<i>Spongospora subterranea f.sp. subterranea</i>	Sss	•	•		
Tomato black ring virus	TBRV		•		
Tobacco necrosis virus	TNV		•		
Tomato spotted wilt virus	TSWV	•	•		
<i>Verticillium spp.</i>	Verticillium		•		
Grapevines					
Arabis mosaic virus	ArMV		•		
ArMV+GFLV	ArMV+GFLV		•		
Grapevine fanleaf virus	GFLV		•		
Grapevine fleck virus	GFkV		•		
Grapevine leafroll assoc. virus 1	GLRaV-1		•		
Grapevine leafroll assoc. virus 1+3	GLRaV-1+3		•		
Grapevine leafroll assoc. virus 2	GLRaV-2		•		
Grapevine leafroll assoc. virus 3	GLRaV-3		•		
Grapevine leafroll assoc. virus generic 4 strains	GLRaV-4 strains		•		
Grapevine leafroll assoc. virus 4 strain 6	GLRaV-4 strain 6		•		
Grapevine pinot gris virus	GPGV		•		
Grapevine virus A	GVA		•		
Grapevine red blotch virus	GRBV			•	
Raspberry ringspot virus-ch	RpRSV-ch		•		
Raspberry ringspot virus-g	RpRSV-g		•		
Strawberry latent ringspot virus	SLRSV		•		
Tomato black ring virus	TBRV		•		
Tomato ringspot virus	ToRSV		•		
Tomato ringspot virus-Ch	ToRSV-Ch		•		
Tobacco ringspot virus	TRSV		•		
Vegetables					
<i>Acidovorax avenae subsp. citrulli</i>	Aac	•	•		
African cassava mosaic virus	ACMV (TYLCV)		•		
Bean common mosaic virus	BCMV		•		
Bean common mosaic necrosis virus	BCMNV		•		
Bean golden mosaic virus	BGMV (TYLCV)		•		
Beet necrotic yellow vein virus	BNYVV		•		
Cauliflower mosaic virus	CaMV		•		
Cucumber green mottle mosaic virus	CGMMV		•		
Cucumber mosaic virus	CMV	•	•		

Pathogen name	Abbreviation	AgriStrip	ELISA	qPCR	PCR macroarray
Vegetables					
Cucurbit yellow stunting disorder virus	CYSDV		•		
Erysimum latent virus	ErLV		•		
Garlic common latent virus	GCLV		•		
Lettuce mosaic virus	LMV	•	•		
Leek yellow stripe virus	LYSV		•		
Mirafiori lettuce big-vein virus	MiLBVV		•		
Onion yellow dwarf virus	OYDV		•		
Pepino mosaic virus	PepMV	•	•		
Pepper mild mottle virus	PMMoV	•	•		
Poty group	Poty group		•		
Papaya ringspot virus	PRSV (=WMV-1)		•		
Potato virus X	PVX	•	•		
Potato virus Y	PVY	•	•		
Radish mosaic virus	RaMV		•		
Soybean mosaic virus	SMV		•		
Squash leaf curl virus	SLCV		•		
Squash mosaic virus	SqMV		•		
Tomato bushy stunt virus	TBSV		•		
Tomato chlorotic spot virus	TCSV (TSWV)		•		
Tobacco mosaic virus	TMV	•	•		
Tobacco necrosis virus	TNV		•		
Tomato apex necrosis virus	ToANV		•		
Tomato mosaic virus	ToMV	•	•		
Tomato mottle virus	ToMoV (TYLCV)		•		
Tomato ringspot virus	ToRSV		•		
Tomato ringspot virus-Ch	ToRSV-Ch		•		
Tospovirus broad-spectrum (I,II,III)	Tospo (I,II,III)		•		
Tobacco streak virus	TSV		•		
Tomato spotted wilt virus	TSWV	•	•		
Turnip mosaic virus	TuMV		•		
Tomato yellow leaf curl virus	TYLCV		•		
Turnip yellow mosaic virus	TYMV		•		
<i>Verticillium spp.</i>	Verticillium		•		
Watermelon mosaic virus 1	WMV-1 (=PRSV)		•		
Watermelon mosaic virus 2	WMV-2		•		
Zucchini yellow mosaic virus	ZYMV		•		
Field Crops					
Alfalfa mosaic virus	AMV		•		
Barley yellow dwarf virus-B	BYDV-B		•		
Barley yellow dwarf virus-F	BYDV-F		•		
Barley yellow dwarf virus-RPV	BYDV-RPV		•		
Beet necrotic yellow vein virus	BNYVV		•		
Cauliflower mosaic virus	CaMV		•		
Cucumber mosaic virus	CMV	•	•		
Cereal yellow dwarf virus-RPV	CYDV-RPV (BYDV-RPV)		•		
Groundnut ringspot virus	GRSV (TSWV)		•		
Maize chlorotic mottle virus	MCMV	•	•		
Maize dwarf mosaic virus	MDMV		•		
Petunia asteroid mosaic virus	PeAMV		•		
Poty group	Poty group		•		
Potato virus X	PVX	•	•		
Potato virus Y	PVY	•	•		
Radish mosaic virus	RaMV		•		
Sugarcane mosaic virus	SCMV		•		
Tobacco mosaic virus	TMV	•	•		
Tobacco necrosis virus	TNV		•		
Tobacco streak virus	TSV		•		
Tomato spotted wilt virus	TSWV	•	•		
Turnip yellow mosaic virus	TYMV		•		

Pathogen name	Abbreviation	AgriStrip	ELISA	qPCR	PCR macroarray
Ornamentals					
<i>Acidovorax avenae</i> subsp. <i>cattleyae</i>	Aacat		•		
Alfalfa mosaic virus	AMV		•		
Apple mosaic virus	ApMV		•		
Arabis mosaic virus	ArMV		•		
Calibrachoa mottle virus	CbMV		•		
Cucumber mosaic virus	CMV	•	•		
Erysimum latent virus	ErLV		•		
Impatiens necrotic spot virus	INSV	•	•		
Petunia asteroid mosaic virus	PeAMV		•		
Pelargonium flower-break virus	PFBV		•		
Pelargonium leaf curl virus	PLCV		•		
Pelargonium line pattern virus	PLPV		•		
Prunus necrotic ringspot virus	PNRSV		•		
Poty group	Poty group		•		
Potato virus A	PVA	•	•		
Potato virus X	PVX	•	•		
Potato virus Y	PVY	•	•		
<i>Ralstonia solanacearum</i>	Rs	•	•		
Strawberry latent ringspot virus	SLRSV		•		
Tobacco mosaic virus	TMV	•	•		
Tobacco necrosis virus	TNV		•		
Tomato mosaic virus	ToMV		•		
Tomato ringspot virus	ToRSV		•		
Tomato ringspot virus-Ch	ToRSV-Ch		•		
Tospovirus broad-spectrum (I,II,III)	Tospo (I,II,III)		•		
Tobacco ringspot virus	TRSV		•		
Tobacco streak virus	TSV		•		
Tomato spotted wilt virus	TSWV	•	•		
<i>Verticillium</i> spp.	Verticillium		•		
<i>Xanthom. campestris</i> pv. <i>pelargonii</i>	Xcp (Xh)		•		
Fruit Trees & Small Fruits					
Apple chlorotic leaf spot virus	ACLSV		•		
Apple mosaic virus	ApMV		•		
Apple proliferation phytoplasma	ApP		•		
Arabis mosaic virus	ArMV		•		
Apple stem grooving virus	ASGV		•		
Apple stem pitting virus	ASPV		•		
Cherry leaf roll virus-ch	CLRV-ch		•		
Cherry leaf roll virus-e	CLRV-e		•		
Citrus tristeza virus	CTV		•		
<i>Erwinia amylovora</i>	Ea	•			
Petunia asteroid mosaic virus	PeAMV		•		
Papaya ringspot virus	PRSV (=WMV-1)		•		
Plum pox virus (Sharka)	PPV	•	•		
Prune dwarf virus	PDV		•		
Prunus necrotic ringspot virus	PNRSV		•		
Poty group	Poty group		•		
Raspberry bushy dwarf virus	RBDV		•		
Raspberry ringspot virus-ch	RpRSV-ch		•		
Soybean mosaic virus	SMV		•		
Strawberry latent ringspot virus	SLRSV		•		
Strawberry mild yellow edge PV	SMYEPV		•		
Tomato ringspot virus-ch	ToRSV-ch		•		
Tomato ringspot virus	ToRSV		•		
Tobacco ringspot virus	TRSV		•		
Tobacco streak virus	TSV		•		
<i>Verticillium</i> spp.	Verticillium		•		
<i>Xanthomonas fragariae</i>	Xfr		•		