

Table 1 (continued)

Genus	Type member	Local lesion host/comments
<i>Nucleorhabdovirus</i>	Potato yellow dwarf virus	<i>Nicotiana rustica</i>
<i>Oryzavirus</i>	Rice ragged stunt virus	Not mechanically transmissible
<i>Phytoreovirus</i>	Wound tumor virus	None
<i>Potexvirus</i>	Potato virus X	<i>Gomphrena globosa</i> (the middle leaves of a plant with 8–10 leaves are most suitable)
<i>Potyvirus</i>	Potato virus Y	<i>C. amaranticolor</i> , <i>C. quinoa</i> , <i>Nicotiana repunda</i> , <i>N. rustica</i> , <i>Physalis floridana</i> , <i>Solanum tuberosum</i> cvs. Duke of York or Saco, and <i>Solanum demissum</i> “Y”; the latter produces local lesions with most strains
<i>Rymovirus</i>	Ryegrass mosaic virus	None
<i>Sequivirus</i>	Parsnip yellow fleck virus	<i>C. quinoa</i>
<i>Sobemovirus</i>	Southern bean mosaic virus	<i>Phaseolus aureus</i>
<i>Tenuivirus</i>	Rice stripe virus	Not mechanically transmissible
<i>Tobamovirus</i>	Tobacco mosaic virus	<i>N. glutinosa</i> , <i>C. amaranticolor</i> , <i>P. vulgaris</i> cv. Pinto, and <i>Nicotiana tabacum</i> cvs. Xanthi nc. and Samsun NN
<i>Tobravirus</i>	Tobacco rattle virus	<i>C. amaranticolor</i> and <i>P. vulgaris</i>
<i>Tospovirus</i>	Tomato spotted wilt virus	<i>Petunia hybrida</i> cvs. Pink beauty and Minstrel
<i>Tombusvirus</i>	Tomato bushy stunt virus	<i>C. amaranticolor</i> , <i>Datura stramonium</i> , and <i>Ocimum bacilium</i>
<i>Trichovirus</i>	Apple chlorotic leaf spot	<i>C. quinoa</i> and <i>P. vulgaris</i>
<i>Tymovirus</i>	Turnip yellow mosaic virus	Chinese cabbage: Most strains give chlorotic local lesions; young well-nourished plants must be used
<i>Umbravirus</i>	Carrot mottle virus	<i>P. vulgaris</i> cv. The Prince, grown at 20°C and 2500 lux with an 8 h photoperiod. <i>C. quinoa</i> and <i>N. tabacum</i> cv. Xanthi can also be used
<i>Waikavirus</i>	Rice tungro spherical virus	Not mechanically transmissible