

Table 1
List of Local Lesion Host and Virus Combinations for Type Members of all Virus Groups

| Genus | Type member | Local lesion host/comments |
|-------------------------|--------------------------------|--|
| <i>Alfamovirus</i> | Alfalfa mosaic virus | <i>Phaseolus vulgaris</i> and <i>Vigna unguiculata</i> spp. <i>sinensis</i> for most strains; <i>Chenopodium amaranticolor</i> and <i>Chenopodium quinoa</i> are also suitable |
| <i>Alphacryptovirus</i> | White clover cryptic virus 1 | Not mechanically transmissible |
| <i>Badnavirus</i> | Commelina yellow mottle virus | Not mechanically transmissible |
| <i>Betacryptovirus</i> | White clover cryptic virus 2 | Not mechanically transmissible |
| <i>Bromovirus</i> | Brome mosaic virus | <i>Chenopodium hybridum</i> and <i>Datura stramonium</i> |
| <i>Bymovirus</i> | Barley yellow mosaic virus | None |
| <i>Capillovirus</i> | Apple stem grooving virus | <i>P. vulgaris</i> cv. Pinto and <i>C. quinoa</i> |
| <i>Carlavirus</i> | Carnation latent virus | <i>C. amaranticolor</i> and <i>C. quinoa</i> (difficult to transmit from carnation because of sap inhibitors) |
| <i>Carmovirus</i> | Carnation mottle virus | <i>C. amaranticolor</i> and <i>C. quinoa</i> (will also detect attenuated strains) |
| <i>Caulimovirus</i> | Cauliflower mosaic virus | <i>Brassica campestris</i> cv. Just Right |
| <i>Closterovirus</i> | Beet yellows virus | Difficult to inoculate mechanically |
| <i>Comovirus</i> | Cowpea mosaic virus | <i>P. vulgaris</i> cvs. Pinto and Scotia, <i>C. amaranticolor</i> |
| <i>Cucumovirus</i> | Cucumber mosaic virus | <i>Vigna unguiculata</i> spp. <i>sinensis</i> , <i>P. vulgaris</i> , <i>C. amaranticolor</i> , and <i>C. quinoa</i> |
| <i>Cytorhabdovirus</i> | Lettuce necrotic yellows virus | <i>Nicotiana glutinosa</i> |
| <i>Dianthovirus</i> | Carnation ringspot virus | <i>C. amaranticolor</i> , <i>C. quinoa</i> , and <i>V. unguiculata</i> spp. <i>sinensis</i> |
| <i>Enamovirus</i> | Pea enation mosaic virus | <i>Chenopodium album</i> , <i>C. amaranticolor</i> , and <i>C. quinoa</i> (album and quinoa are considered to be the most reliable) |

(continued)