

Onion yellow dwarf



Onion yellow dwarf virus

Synonyms

- allium virus 1

Plant hosts

All *Allium* species are susceptible to onion yellow dwarf including onions, garlic, ornamental alliums, and shallots.

Symptoms

Infected leaves have symptoms ranging from yellow streaks to complete yellowing. Leaves tend to flatten, crinkle, twist, and fall over. Plants may be wilted and dwarfed and bulbs usually remain solid but do not reach their normal size. In seed crops, plants produce smaller flower clusters and fewer florets.



Healthy onion plant on the left and a symptomatic onion plant on the right.

Transmission

Onion yellow dwarf virus is transmitted during propagation and by the aphid vector *Myzus persica* and several other aphids. It is not transmitted by contact between plants, seed, or pollen.

Geographic distribution

Onion yellow dwarf has been reported from most countries where onions and shallots are cultivated.

Applicable regulations

[603-052-0350](#), Control area order; Onion yellow dwarf