

Oregon is a major producer of certified virus-tested pome and stone fruit nursery plants, scions, and rootstocks. All plants in the program must be certified virus-free by a clean plant center before entering the Ornamental and Fruit Tree Virus Certification Program.

The Oregon Department of Agriculture (ODA) has been providing fruit tree virus certification services to Oregon nurseries since 1977. ODA regularly monitors the nurseries participating in the certification program and tests for viruses and other pests of regulatory and economic importance.

Virus testing is required to meet the regulatory requirements of domestic and international markets. Virus-free nursery plants are desired by domestic and international customers to increase yields and to reduce disease risk in their orchards.

Fruit trees in the program

- *Malus* (apple and crabapples)
- *Prunus* (fruiting and ornamental cherries, plums, peaches, apricots, almonds)
- *Pyrus* (domestic pears, Asian pears, and flowering pears)
- *Cydonia* (quince)



The Ornamental and Fruit Tree Virus Certification Program ensures the production of virus-tested, healthy plants of pome and stone fruits through nursery audits, inspections, and pathogen testing.

Increase the competitiveness of fruit tree nursery stocks by producing virus-certified healthy planting materials for interstate and international export.



Market Access & Certification
Plant Health Program
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Market Access & Certification

Ornamental & Fruit Tree Virus Certification Program



Oregon
Department
of Agriculture



Steps to participate



Nursery participation

- Nursery participation is voluntary.
- ODA invites nurseries to participate in the program every year. On average, 25 nurseries participate per year.
- Participating nurseries sign a compliance agreement with ODA, agreeing to use specific best management practices to minimize disease risk.
- Fees are charged to participate in the program and to conduct pathogen testing.

Soil testing of nursery field

The proposed nursery site must be tested for virus-vectoring nematodes (worms) prior to planting.



Source: <http://bit.ly/1Pqx380>

Field inspection

The Department monitors and inspects the nursery fields to ensure the agreed-upon best management practices are being used.



Virus testing of nursery stocks

Sample collection



Tomato ringspot virus



Source: Michigan State University Extension—<http://bit.ly/1XweCf>



Source: University of California <http://bit.ly/1Ks1Bmp>

Prune dwarf virus



Source: Michigan State University Extension—<http://bit.ly/1XweCf>



Source: West Virginia University <http://bit.ly/1Pw1w5m>

Prunus necrotic leafspot virus



Source: Michigan State University Extension—<http://bit.ly/1XweCf>



Source: West Virginia University <http://bit.ly/1LhiEgs>