

# Verticillium wilt plant list

RHS Advisory Service

November 2017



Sharing the best in Gardening

## Genera of trees, shrubs and other woody plants showing susceptibility or some degree of resistance to Verticillium wilt

### Susceptible plants

In British gardens, the plants on which the RHS have isolated Verticillium wilt most frequently are listed below. The numbers of cases recorded through the RHS Advisory Service since 1996 are indicated in **bold**:

#### The most frequently attacked plants:

|                              |                                   |                               |                             |
|------------------------------|-----------------------------------|-------------------------------|-----------------------------|
| <i>Acer</i> ( <b>213</b> )   | <i>Cercis</i> ( <b>27</b> )       | <i>Fragaria</i> ( <b>11</b> ) | <i>Solanum</i> ( <b>6</b> ) |
| <i>Berberis</i> ( <b>8</b> ) | <i>Chrysanthemum</i> ( <b>9</b> ) | <i>Rhus</i> ( <b>9</b> )      |                             |
| <i>Catalpa</i> ( <b>33</b> ) | <i>Cotinus</i> ( <b>114</b> )     | <i>Sambucus</i> ( <b>6</b> )  |                             |


#### Occasionally the following plants may also be damaged:

|                                   |                                  |                                    |                                  |
|-----------------------------------|----------------------------------|------------------------------------|----------------------------------|
| <i>Abutilon</i> ( <b>1</b> )      | <i>Clerodendrum</i> ( <b>1</b> ) | <i>Impatiens</i> ( <b>4</b> )      | <i>Pelargonium</i> ( <b>2</b> )  |
| <i>Aconitum</i> ( <b>1</b> )      | <i>Conospermum</i> ( <b>1</b> )  | <i>Koeleruteria</i> ( <b>3</b> )   | <i>Phaseolus</i> ( <b>2</b> )    |
| <i>Anaphalis</i> ( <b>1</b> )     | <i>Cornus</i> ( <b>3</b> )       | <i>Lathyrus</i> ( <b>2</b> )       | <i>Phlox</i> ( <b>3</b> )        |
| <i>Anemone</i> ( <b>1</b> )       | <i>Cucumis</i> ( <b>1</b> )      | <i>Laurus</i> ( <b>1</b> )         | <i>Prunus</i> ( <b>1</b> )       |
| <i>Antirrhinum</i> ( <b>2</b> )   | <i>Dahlia</i> ( <b>1</b> )       | <i>Lavendula</i> ( <b>2</b> )      | <i>Rhododendron</i> ( <b>1</b> ) |
| <i>Argyranthemum</i> ( <b>1</b> ) | <i>Dianthus</i> ( <b>2</b> )     | <i>Leucanthemum</i> ( <b>1</b> )   | <i>Ribes</i> ( <b>2</b> )        |
| <i>Aster</i> ( <b>2</b> )         | <i>Elaeagnus</i> ( <b>4</b> )    | <i>Lonicera</i> ( <b>2</b> )       | <i>Robinia</i> ( <b>3</b> )      |
| <i>Begonia</i> ( <b>2</b> )       | <i>Erica</i> ( <b>1</b> )        | <i>Magnolia</i> ( <b>3</b> )       | <i>Romneya</i> ( <b>1</b> )      |
| <i>Brugmansia</i> ( <b>1</b> )    | <i>Erysimum</i> ( <b>1</b> )     | <i>Monarda</i> ( <b>1</b> )        | <i>Rosa</i> ( <b>3</b> )         |
| <i>Brugmansia</i> ( <b>1</b> )    | <i>Eucryphia</i> ( <b>1</b> )    | <i>Olearia</i> ( <b>1</b> )        | <i>Rubus</i> ( <b>3</b> )        |
| <i>Buxus</i> ( <b>1</b> )         | <i>Fuchsia</i> ( <b>1</b> )      | <i>Osteospermum</i> ( <b>1</b> )   | <i>Rudbeckia</i> ( <b>3</b> )    |
| <i>Caryopteris</i> ( <b>1</b> )   | <i>Hebe</i> ( <b>1</b> )         | <i>Ozothamnus</i> ( <b>1</b> )     | <i>Sorbus</i> ( <b>1</b> )       |
| <i>Ceanothus</i> ( <b>2</b> )     | <i>Hedera</i> ( <b>1</b> )       | <i>Paeonia</i> ( <b>4</b> )        | <i>Stachys</i> ( <b>1</b> )      |
| <i>Cistus</i> ( <b>1</b> )        | <i>Helenium</i> ( <b>1</b> )     | <i>Papaver</i> ( <b>3</b> )        | <i>Viburnum</i> ( <b>2</b> )     |
| <i>Clematis</i> ( <b>2</b> )      | <i>Hydrangea</i> ( <b>3</b> )    | <i>Parthenocissus</i> ( <b>1</b> ) | <i>Wisteria</i> ( <b>5</b> )     |

### Resistant plants

Monocotyledonous plants (e.g. grasses, members of the iris family and most bulbs) are generally resistant. Conifers are immune to the disease.

|                       |                   |                    |                 |
|-----------------------|-------------------|--------------------|-----------------|
| <i>Alnus</i>          | <i>Crataegus</i>  | <i>Gleditsia</i>   | <i>Platanus</i> |
| <i>Betula</i>         | <i>Eucalyptus</i> | <i>Ilex</i>        | <i>Populus</i>  |
| <i>Carpinus</i>       | <i>Fagus</i>      | <i>Liquidamber</i> | <i>Salix</i>    |
| <i>Cercidiphyllum</i> | <i>Ginkgo</i>     | <i>Morus</i>       | <i>Zelkova</i>  |

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