





Rose Rosette Virus



Background

The symptoms of RRD include those given below and eventually plant death. Symptoms of RRD are variable and depend on the species or cultivar of rose affected; a diseased plant may exhibit few of the below symptoms, especially in the early stages of the disease.

Symptoms

Main symptoms of the presence of the virus:



Reddening of rose stems



Malformation



Symptoms often appear just in one area of the plant



Rosetting or witches' broom



Distorted and strap-like leaves (in squares) compared to normal leaves



Excess thorn production and thicker stems (left) compared to normal stem



Reduced flower size



Rosetting or witches' broom in a dying rose stem