

Jasmine

Diseases

Leaf-blight (*Cercospora jasminicola* and *Alternaria jasmini*)

This disease occurs in a severe form on *J. grandiflorum*. Reddish-brown, circular spots are produced on the upper surface of the leaves, spreading rapidly in the rainy season. The infected leaves curl and start drying from the margins. Even the young shoots dry up. In severe cases of infection, vegetative buds and young branches dry up. The flower production is very much reduced in infected plants.

Control : Spraying of 0.4% Benlate solution, 0.2% Dithane M-45 or 0.1% Bordeaux mixture has been found effective in control of the disease.

Rust (*Uromyces hobsoni*)

Rust occurs on all the aerial parts of the plants including flowers. Yellowish orange coloured pustules appear on the lower side of the leaves and also on young twigs and flowers buds. The infected parts become distorted.

Control : The disease can be controlled by pruning the branches or spraying Copper Oxychloride (0.3%) or Mancozeb (0.2%). Sulphur at the rate of 20-25 kg/ha is also useful.

Wilt (*Fusarium solani*)

The disease occurs in patches and the roots turn black. In the case of sclerotial wilt, in addition to the above symptoms, white mycelia are found generally girdling the roots and the sclerotia are found adhering to the roots of the wilted plants.

Control : Drenching the soil around the plant with 1% Bordeaux mixture controls this disease.