

# Plant Diseases

## 1. Viral Diseases :

(i) **Mosaic disease of tobacco** – In this disease leaves get shrunk and become small. The chlorophyll of leaves get destroyed. The factor of this disease is Tobacco Mosaic Virus (TMV).

Control – Affected plants should be burnt.

(ii) **Bunchy top of banana** – This disease is caused by banana virus. In this disease plants become dwarf and all the leaves get accumulated like a rose on the branch.

## 2. Bacterial Disease :

(i) **Wilt of Potato** : It is also known as ring disease because brown ring is formed on the xylem. The factor of this disease is *Pseudomonas solanacearum* bacteria. In this disease the conduction system of the plant is affected.

(ii) **Black Arm of cotton** : The factor of this disease is *Xanthomonas* Bacteria. In this disease a water body (brown) is formed on the leaves.

(iii) **Bacterial blight of Rice** : This disease is caused by *Xanthomonas oryzae* bacteria. Yellow-greenish spot is seen on both sides of leaves. Vascular bundles get blocked due to bacterial growth.

(iv) **Citrus Canker** : The factor of this disease is *Xanthomonas citri* bacteria. It has originated in China. Leaves, branches, fruits all are affected by this disease.

(v) **Tundu disease of wheat** : The factors of this disease are *Corinobacterium titrici* bacteria and *Enzuina triki* Nematode. In this disease lower parts of the leaves are faded and turned.

**3. Fungal Diseases :** Diseases included in this group are caused by fungi.