**Crucifer Diseases**

**Turnip Mosaic Virus**

Found worldwide

**Damage Symptoms**

Turnip Mosaic Virus (TuMV) infects most cruciferous plants, but is most damaging in Chinese cabbage, turnip, mustard, and radish. The most common symptom in these crops is a distinct mosaic of light and dark green colors in the leaves. Depending upon the virus strain and the crop species, necrotic streaks, flecks, or ringspots may also occur. Necrotic spots and ringspots are the primary symptom in common cabbage, but the severity of symptoms is cultivar dependant.

**Conditions for Development**

The virus is transmitted by several species of aphids. The presence of virus source plants, i.e. infected crops or weeds, and conditions that favor migrating aphid populations will lead to a high incidence of TuMV infection.

**Control**

Avoid planting overlapping crops of species susceptible to TuMV. Resistant cultivars of Chinese cabbage are available, but none are resistant to all 5 strains known to occur in this crop. Use of insecticidal sprays in crop fields are generally not effective in reducing virus spread.

Information from: Vegetable Diseases: A Practical Guide. Lowell L. Black, AVRDC.