

(revision date:6/2/2014)

## ***Bean: Common and yellow mosaics***

*Use Integrated Pest Management (IPM) for successful plant problem management.*

### ***Biology***

Bean Common Mosaic and Bean Yellow Mosaic are virus diseases typically transmitted by aphids. The Bean Common Mosaic Virus is also seed-transmitted. Typical symptoms of these virus infections include blue-green, green, or yellowish mottling of leaves, downward curling or cupping of leaves, unusually glossy and brittle leaves, darkened leaf veins, and deformed pods which may be roughened or shiny. Leaves may also be distorted or stunted, and plants may grow poorly.

### ***Management Options***

#### **Non-Chemical Management**

- ~ Avoid planting beans near clover or gladioli, which may carry the Bean Yellow Mosaic Virus.
- ~ The varieties 'BB 110', 'Goldrush', 'Oregon 54', 'Oregon 91G', and 'Roma II' are reported to be resistant to Bean Common Mosaic Virus strains.
- ~ For more information on virus-resistant bean varieties, see the current PNW Plant Disease Management Handbook.
- ~ Controlling aphids may be of some help in preventing spread of the viruses.

*Select non-chemical management options as your first choice!*

#### **Chemical Management**

***IMPORTANT: Visit Home and Garden Fact Sheets for more information on using pesticides***

None recommended

*Bean: Common and yellow mosaics*

*Images*



~ Caption: Bean yellow mosaic virus symptoms  
~ Photo by: R.S. Byther



~ Caption: Bean common mosaic virus symptoms  
~ Photo by: P.N. Miklas



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