

(revision date:8/24/2015)

Tomato: Physiological leaf roll

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

Biology

Physiological leaf roll of tomato is a cultural problem which may be associated with high soil moisture, high temperature, drought, or heavy pruning. Plants with a heavy fruit load are often more severely affected. The leaves of the plants roll upward and become leathery. Symptoms may resemble those caused by virus diseases, but plants remain green and are not stunted or deformed. Growth is not usually affected. This problem causes no apparent damage to the plants and does not reduce yield. Varieties differ greatly in their susceptibility to this problem.

Management Options

Non-Chemical Management

- ~ Provide proper culture. For more information, see <http://cru.cahe.wsu.edu/CEPublications/PNW616/PNW616.pdf> <u>PNW 616, Physiological Leaf Roll of Tomato</u>.
- ~ Plant in well-drained soil.
- ~ No corrective actions are necessary for physiological leaf roll.

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

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Images



*~ Caption: Physiological leaf roll
~ Photo by: C. Miles*



*~ Caption: Tomato physiological leaf roll
~ Photo by: R.S. Byther*



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