

## Yellow Patch



**Hosts:** creeping bentgrass, annual bluegrass, Kentucky bluegrass, tall fescue

**Environmental Conditions:** Yellow patch occurs between October and March when weather conditions are cool, wet and cloudy. The disease is most active between 50 and 60 degrees Fahrenheit. Excessive nitrogen, heavy thatch, and poor drainage also favor disease development.

**Symptoms:** Yellow patch appears as irregular patches or rings that may coalesce. Individual plants turn yellow and die back from the leaf tip or become blighted.

Picture: [http://www.turffiles.ncsu.edu/Diseases/Yellow\\_Patch.aspx](http://www.turffiles.ncsu.edu/Diseases/Yellow_Patch.aspx)

Text: [http://www.turffiles.ncsu.edu/Diseases/Yellow\\_Patch.aspx](http://www.turffiles.ncsu.edu/Diseases/Yellow_Patch.aspx)

### **For more information and control options:**

Purdue University – Turfgrass Disease Profiles: Yellow Patch

<http://www.ces.purdue.edu/extmedia/BP/BP-118-W.pdf>

North Carolina State University – Yellow Patch

[http://www.turffiles.ncsu.edu/Diseases/Yellow\\_Patch.aspx](http://www.turffiles.ncsu.edu/Diseases/Yellow_Patch.aspx)

University of Missouri – Yellow Patch

<http://extension.missouri.edu/explore/agguides/pests/ipm1029yellowpatch.htm>

## Yellow Tuft / Downy Mildew



**Hosts:** creeping bentgrass, Kentucky bluegrass, annual bluegrass, zoysiagrass

**Environmental Conditions:** Yellow tuft is most common between April and September during cool, wet conditions. Infected plants are most likely to be found in areas that are poorly drained, over-irrigated and have excessive thatch.

**Symptoms:** Symptoms are characterized by small, yellow patches scattered across the turf stand. Infected plants produce more tillers than normal and develop a “witch’s broom” or tufted appearance. Leaves turn yellow, and can easily be pulled from the turf.

Picture: <http://extension.missouri.edu/explore/agguides/pests/ipm1029yellowtuft.htm>

Text: [http://www.turffiles.ncsu.edu/Diseases/Yellow\\_Tuft.aspx](http://www.turffiles.ncsu.edu/Diseases/Yellow_Tuft.aspx); <http://extension.missouri.edu/explore/agguides/pests/ipm1029yellowtuft.htm>

### **For more information and control options:**

North Carolina State University – Yellow Tuft

[http://www.turffiles.ncsu.edu/Diseases/Yellow\\_Tuft.aspx](http://www.turffiles.ncsu.edu/Diseases/Yellow_Tuft.aspx)

University of Illinois – Yellow Turf or Downy Mildew of Turfgrasses

<http://www.ipm.uiuc.edu/diseases/series400/rpd415/index.html>

University of Missouri – Yellow Tuft

<http://extension.missouri.edu/explore/agguides/pests/ipm1029yellowtuft.htm>