

Comparison between Daylily Leafstreak and Daylily Rust

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Daylily Leafstreak ***Aureobasidium microstictum***

Leaf infections begin along mid-vein and extend up and down leaf blade...streak symptom (see circled leaf below).

Yellow (chlorotic) tissue dies (necrosis) giving noticeable, unthrifty appearance.



Common in the landscape, with some varieties infected severely every year.

Present most years, especially following wet springs.

Symptoms gradually increase through growing season.

Cultural conditions determine severity; healthy plants withstand infection better.

Will not kill plant by itself, but will debilitate or decrease aesthetic value.

Fungicides recommended for amenity plants

and plants routinely infected every year.

Daylily Rust ***Puccinia hemerocallidis***

Small, yellow to orange pustules on leaves and scapes, randomly distributed on surface, gives no discernable pattern.

Pustules form rapidly, sometimes in only 2-3 days.



Not common yet, but reportedly is widespread across Commonwealth.

Spreads rapidly in local areas; spreads via sharing of infected plant material.

Early symptoms confused with early spider mite infestation.

Cultural conditions may play a part with moderate and low susceptibility plants.

Only fractions of the many varieties have been studied; effect on remaining plants unknown.

Fungicides will be part of an IPM program:

Monitor, Sanitation, Fungicides.

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