



# Fire Blight

Hi-Yield

ferti-lome Info Sheet

ferti-lome



## Fire Blight

Fire Blight is a bacterial disease that affects plants in the rose family including; apple, pear, crabapple, hawthorn, cotoneaster, mountain ash, quince, rose, pyracantha, and spirea.

The bacteria overwinters in cankers, which produce a sticky ooze in the early spring,(see middle image \). The bacteria is spread from the cankers by insects and by wind-blown rain.

Careless pruning practices may also spread the bacteria.

The blossoms are usually the first to become infected in the spring. The bacteria multiply rapidly in the blossom nectar and infect the blossoms.

The succulent new shoots are also susceptible to bacterial infection. When infected, the tender tips wilt, die and assume a characteristic shepherd's-crook, (see top image ^). These infections often kill a foot or more of the terminal growth. Leaves and shoots turn a rusty brown/black color and the dead leaves remain attached to the dried shoots.

The bacteria can also be spread through the plant's water-conducting (vascular) system.



## Treatment

*Ferti-lome Fire Blight Spray* is an antibiotic, Streptomycin. This is intended for bacterial issues only.

Make the first application at the start of the blossoming period, repeat in 3 to 4 days, then up to two more applications, 5 to 7 days apart. Do not apply when fruit is visible.

*Consan 20* is a bactericide that can be sprayed as a preventer, as well as after storm damage when fruit are present.

Make first application at the start of blooming and repeat in 7 to 10 days, then repeat at two week intervals until past rainy season.

## Pruning

Eliminate the fire blight infection by pruning out diseased branches.

Always cut an infected branch at least 8 to 12 inches below the visible injury or canker. In May or June, when blight bacteria is moving rapidly, a greater distance, 12 to 15 inches below infections may be required.

Sterilize all pruners and saws, between cuts with *Consan 20* to inhibit spread that way.

