



<h1>SCALE TREATMENT</h1>
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Scales are insects that suck sap from plants causing a reduction in growth, branch dieback and eventual death to the plant. Scale often excretes a sticky 'honeydew' substance that accumulates on leaves and twigs. Ants, bees, and flies are attracted to the honeydew. Sooty mold, a fungus, is often found growing on the honeydew as well.

Scales are sedentary. They form protective shells completely covering themselves making them hard to see and control. This shell protects them from most insecticides. Just after hatching, the young insect crawls out from the protective shell to find a place to feed. At this stage of development, the "crawler" phase, scales do not have shells and are vulnerable to insecticides. Correct identification, therefore, and correct timing of pesticide application is critical to controlling these insects. Any broad-spectrum insecticide will work, if timed and applied properly.

**CONTROL**

**Horticultural Oil:** (Can be applied at anytime when temperatures are above 40 and below 85 degrees F)

**Crawler Treatment:** Insecticidal Soap, Malathion, Bonide Systemic Insect Killer, Sevin®, Bayer Advanced Tree & Shrub Insect Control.

**ALWAYS READ AND FOLLOW LABEL DIRECTIONS WHEN USING PESTICIDES.**

<b>PEST</b>	<b>TREATMENT DATES</b>
Azalea Bark Scale	June 10 - 20
Calico Scale	June 10 - 15
Cottony Camellia Scale	June 10 - 20
Cottony Maple Scale	June 15 - 30
Cottony Maple Leaf Scale	June 10 - 20
Euonymus Scale	May 5- June 10 & July 5 - 15
European Elm Scale	June 10 - 15
European Fruit Lecanium Scale	June 10 - 15
Fiorinia Hemlock Scale	May 20 – 25 & June 5 - 10
Fletcher Scale	June 15 - 20
Golden Oak Scale	June 1 & June 20
Juniper Scale	April 15 – 15 & June 10 - 15
Lecanium Scale	June 15 - 20
Magnolia Scale	Sept. 1 - 20
Obscure Scale	July 15 – 25 & Aug. 5 - 15
Oyster Shell Scale	May 5 – 10 & July 20 - 25
Pine Needle Scale	May 5 – 20 & July 15 - 20
Pine Tortoise Scale	June 20 - 25
San Jose Scale	June 10 – 15 & Sept. 10 - 15
Tuliptree Scale	Sept 1 - 20
Wax Scale	June 10 - 30
White Peach Scale	May 1 – 10 & July 1 – 15 & Sept. 1 - 10

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