



Davey Tree Plant Health Care for Your Landscape

Davey Tree Plant Health Care service provides a versatile approach that develops vigorous landscape plants through the use of property checkups, pest management, nutrition and cultural practices. This strategy strengthens the natural ability of trees, shrubs, and turfgrasses to resist certain insect and disease pests. This minimizes the need for pesticides.

Tradition...

Plant Health Care uses modern technology based on over 75 years of field experience and research. In 1987, Davey Tree implemented its Plant Health Care (PHC) service by recognizing and treating plant problems with technically supported pest control timing and with the least environmentally intrusive methods. PHC is currently promoted by many universities and the International Society of Arboriculture (ISA).

Unique Davey Technology...

Through extensive in-house research, we are continually creating new services as well as developing equipment, systems and materials that allow us to better service our customers. Davey Arbor Green®, our exclusive fertilizer, and our deep-root injection technique supplies nutrients that trees require for vigorous and healthy growth. This helps to strengthen the inherent (natural ability) of plants to tolerate and resist certain insect and disease pests better, as well as survive unfriendly environmental extremes.

Regular Checkups and Care...

Plants, as with people, should have regular checkups to ensure good health. This is where Plant Health Care really begins, with the checkup. The first step is the inspection of the lawn and/or all trees and shrubs. Thorough inspections pinpoint potential health problems so the technician can determine what action needs to be taken. Preventive health care measures will also be recommended at this time. These may include fertilization, pruning, cabling/bracing and lightning protection for trees and shrubs, as well as cultural practices such as fertilization, aerification, lime application, proper mowing and watering for lawns.

Prevention and Pest Management...

Because Plant Health Care emphasizes the benefits of cultural practices to plants, care through preventive measures and proper maintenance, pesticide use can be reduced. In addition to selective applications of pesticides, alternative materials such as horticultural oils or soap may be used. Davey Tree uses eco-smart products. That is, they have minimal residual and impact in the environment, such as B.t. (*Bacillus thuringiensis*), a bacterium derived formulation that controls only caterpillars. In-house research at the Davey Institute gives us not only the best 'window-of-control' or the most vulnerable time in a pest's live cycle for maximum results, but also the most effective, eco-smart products to use.

Plant Health Care...care for Landscape Plants, the Environment and for our Customers