

Oak Trees

BROWN LEAVES AND DEAD BRANCHES INDICATE PROBLEM.

Branch Tree Service

is dedicated to the care of trees, shrubs, turf and other plants. We serve commercial and residential clients throughout southeast Michigan. Branch offers fertilization, pruning, consulting and a host of other services for the plant care industry.

Our services include this diagnostic sheet designed to help you understand your landscape problem:

- What the problem is
- Cultural care tips for the homeowner
- Our professional treatment recommendations



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Oak Wilt Damage

Several major pests are of specific concern to oak trees.

OAK WILT: Beetles that are attracted to fresh wounds transmit this high-impact disease. Oak wilt primarily affects red and white oaks, and it is evidenced by brown foliage and wilting throughout the canopy. Tree death in red oaks can occur within weeks.

Professional Care: *In accordance with industry knowledge, we recommend against pruning from March through October to help reduce possible wilt infection. If limbs have been damaged by a storm, call Branch Tree Service immediately for proper pruning and sealing. Once infected, dieback can occur rapidly. Protecting other nearby oaks may*

require macro-infusion trunk injections or trenching around the root area to prevent the spread through root contact.

TWOLINED CHESTNUT BORER: Infested trees show sparse, small and discolored foliage and branch dieback. Larvae tunnel under the bark and cut off needed nutrient flow, causing tree decline.

Cultural Care: *Maintain the tree's health with proper watering, especially during drought months of July and August. Fertilization may also be beneficial.*

Professional Care: *Trees weakened by defoliator insects or environmental stresses are more susceptible. Seasonal monitoring is critical for control. Micro trunk injections may assist with reduction of pest populations.*

ANTHRACNOSE: Irregular brown spots on leaves, cankers and dieback of branches and twigs are evidence of this fungal disease.

Cultural Care: *Maintain tree vigor with timely watering, especially during drought months. Select pruning and fertilization may also be beneficial. Prompt removal of fallen leaves will reduce the fungal population.*

Professional Care: *Protectant fungicides have proven to be effective. Treatments include micro trunk injections, macro infusion or target foliar applications.*

- ▶ **A professional diagnosis by Branch Tree Service is recommended to distinguish these pests from other problems that exhibit similar characteristics.**
- ▶ **Monitoring during the growing season provides the ability to schedule the necessary timing of treatments.**
- ▶ **See reverse side for your personal landscape recommendations.**

