Master Gardener Training Reference Material
RESOURCES SUPPLEMENTAL

Plant Disease Diagnosis

1. Identifying the plant (not all inclusive)
   a. *Sunset Western Garden Book.*
   b. *Landscape Plants for Texas and Environs,* M. Arnold.
   c. *Audubon Field guide to North American Trees,* E. Little
   d. *Shinners & Mahler's Illustrated Flora of North Central Texas*
      George M. Diggs, Jr., Barney L. Lipscomb, Robert J. O'Kennon
   e. Horticulture Agent or other Master gardeners
   f. Extension Horticulturist

2. Define the Problem
   a. Gathering information
      i. Master Gardener handbook:
         1. plant health history – acquisition questions
         2. disease diagnostic key
      ii. Observations
         1. your senses – record observation physically

3. Develop list of potential disease causing agent
   a. Disease diagnostic flow charts

4. Refine the diagnosis
   a. Gather known information on suspects
      i. Textbooks
      ii. Reliable websites
      iii. Plant Disease compendium

5. Getting additional help: Diagnostic confirmation
   a. Reference literature
      i. Master gardener handbook
      ii. Extension publications (http://tcebookstore.org)
      iii. Wescott’s Plant Disease Handbook
      iv. Disease of Trees and Shrubs, Sinclair, Lyon and Johnson
      v. APS plant disease compendia
      vi. Ortho’s Plant Problem Solver (only so-so)
      vii. Foliage Plant Disease: Diagnosis and Control, Chase.

   b. TX Plant Disease Diagnostic Laboratory website
      http://plantclinic.tamu.edu