

## **Selected Reference Materials for Plant Disease Diagnosis**

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### **Trees and Shrubs**

*Abiotic Disorders of Landscape Plants: A Diagnostic Guide. Publication # 3420* Laurence R. Costello et al. Order from The University of California, Ag and Natural Resources, Communication Services, 6701 San Pablo Ave. 2nd Floor, Oakland CA 94608-1239. 1-800-994-8849. Nice color pictures.

*Abiotic Plant Disorders, Symptoms Signs and Solutions: A Diagnostic Guide to Problem Solving* Ext. Bulletin E-2996 available from MSU Bulletin Office, 117 Central Services, Michigan State University, East Lansing, MI 48824-1001. [www.emdc.msue.msu.edu](http://www.emdc.msue.msu.edu)

*Scouting and Controlling Woody Ornamental Diseases in Landscapes and Nurseries.* G. Moorman. Publication Distribution Center, Penn State University, 112 Ag Admin Building, University Park, PA 16802.814-865-6713 Pocket-sized book; color

*Diseases of Trees in the Great Plains.* USDA General Technical Report RM-129. Excellent photos and disease descriptions. Requests for FREE copy only by mail (one per address). USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO 80526.

*Diseases of Trees and Shrubs 2nd edition.* Sinclair, W.H. Lyon, and W. Johnson. 2005. Cornell University Press, Ithaca, NY. Excellent companion to *Insects that Feed on Trees and Shrubs*. Terrific color illustrations, very detailed, need to know scientific name for host plant.

*Plant Health Care for Woody Ornamentals.* 1997. Ed. by John Lloyd. International Society of Arboriculture, P.O. Box GG, Savoy, IL 61874. Nice color photos.

*Common Insect Pests and Disease of Ornamental Trees and Shrubs.* 1996. Ohio Nursery and Landscape Association,; Shetlar & Chatfield; 72 Dorchester Square, Westerville, OH 43081-3350. 800-825-5062 Many excellent photos in this 14-page booklet.

*Pest Management in the Landscape-An Introduction.* 2009. C.J. Luley and A.D. Ali. Urban Forestry LLC; 6050 Hicks Rd., Naples NY. 14512 Many color pictures. (585)394-9460.

*Broadleaved Shrubs and Shade Trees Problems, Picture Clues, and Management Options.* 2009. M.K. Malinowski and D.L. Clement. NRAES(183);P.O. Box 4557, Ithaca N.Y. 14852-4557 [http://www.nraes.org/nra\\_woodiescontent.html](http://www.nraes.org/nra_woodiescontent.html)

*Diseases of Woody Ornamentals and Trees in Nurseries.* 2001. APS Press, St. Paul, MN (1-800-347-6087,

## **Houseplants, Annuals and Perennials**

*The New House Plant Expert.* Hessayon, D.G. 1994. Jarrold & Sons. Ltd, Norwich England.  
Excellent book for houseplants and their problems and identification via good illustrations of leaves and flowers.

*The Healthy Indoor Plant.* 1992. C. C. Powell and R. Rossetti. Rosewell Publishing, Inc., PO Box 163213, Columbus, OH 43216-3213.

*Diseases and Disorders of Ornamental Palms.* Chase, A.R. and T.K. Broschat, eds. Published by the APS PRESS, 3340 Pilot Knob Road, St. Paul, MN 55121-2097. (800) 328-7560. 208 color photos.

*Diseases of Annuals and Perennials: A Ball Guide.* 1995. A. R. Chase, M. Daughtrey, G. W. Simone. Ball Publishing, 335 North River Street, Batavia, IL 60510. More than 490 color photos.

*Orchid Pests and Diseases.* 2002. American Orchid Society Book Orders, 16700 AOS Lane, Delray Beach FL, 33446-4351. Phone: 561-404-2000. \$12.00

*Ball Pest & Disease Manual: Disease, Insect and mite control on flower and foliage crops,* 2nd Edition. 1997. C. C. Powell and R. K. Lindquist. Ball Publishing, 335 N. River Street, Batavia, IL 60510. Excellent reference, mainly for greenhouse grown crops.

*Pests and Diseases of Herbaceous Perennials: The Biological Approach.* 1999. S. Gill, D. L. Clement, and E. Dutky. Ball Publishing, 335 N. River Street, Batavia, IL 60510.

*Herbaceous Perennials: Diseases and Insect Pests.* Daughtrey, M.L. and M. Semel. Cornell University. Cornell Distribution Center, 7 Research Park. Ithaca, NY 14850. Nice color pictures. \$5.50.

*Diseases of Herbaceous Perennials;* 2009, Gleason, Daughtrey, Chase, Moorman and Mueller, APS PRESS; Comprehensive; Color <http://www.shopapspress.org/diofhepe1.html>

## **Tree Fruits and Small Fruits**

*Small Fruits—Insect and Disease Management for Backyard Fruit Growers in the Midwest.* IDEA 3/May 1997. 49pp. Extension Distribution Center. Iowa State University. 515-294-5247. \$5.00

*Tree Fruits—Insect and Disease Management for backyard Fruit Growers in the Midwest.* IDEA 2/May 1997. 41pp. Extension Distribution Center. Iowa State University. 515-294-5247. \$5.00

*Diseases of Tree Fruits in the East.* 1996. Alan L. Jones and Turner B. Sutton. Michigan State University Bulletin Office. 95pp. 517-355-0240. \$10.00

## General References, Turf, Vegetables

*Tomato Diseases and Disorders*. 2006. M. Gleason and B. Edmunds. Iowa State Univ Extension, 119 Printing and Publications Building, Ames, Iowa 50011. 515-294-5247. Color. Also available on-line at: <http://www.extension.iastate.edu/Publications/PM1266.pdf>

*Vegetable Diseases: A Color Handbook*; 2007. Koike, Gladders and Paulus; Academic Press [http://books.google.com/books?id=iPgTGhaGRl4C&dq=vegetable+disease+reference+books&source=gbs\\_navlinks\\_s](http://books.google.com/books?id=iPgTGhaGRl4C&dq=vegetable+disease+reference+books&source=gbs_navlinks_s)

*Manual of Woody Landscape Plants*. Michael A. Dirr. Sixth Edition. 2009. Stipes Publishing Company, 10-12 Chester Street, Champaign, IL 61820. Covers hardiness, growth rate, habit, cultural problems and much more. <http://www.stipes.com/horticulture.html#Dirr6ed>

*The Ortho Problem Solver*; Seventh Ed. 2008. Broad-spectrum coverage of plants and problems. [http://www.wiley.com/WileyCDA/WileyTitle/productCd-0696236842\\_descCd-description.html?print=true](http://www.wiley.com/WileyCDA/WileyTitle/productCd-0696236842_descCd-description.html?print=true)

*The Organic Gardener's Handbook of Natural Insect and Disease Control: A Complete Problem-Solving Guide to Keeping Your Garden & Yard Healthy Without Chemicals*. 1996 Barbara W. Ellis, Fern Marshall Bradley, Helen Atthowe, Roger Yepsen; Rodale Press. ISBN 0-87596-753-1

*Pests of Landscape Trees and Shrubs: An Integrated Pest Management Guide*. 1994. University of California, Publication 3359. Over 300 color pictures, including plant host tables listing damage symptoms and possible associated pests. (Phone: 510-642-2431).

*Color Atlas of Pests of Ornamental Trees, Shrubs, and Flowers*. D. V. Alford. 1995 (Reprinted 1998). Halsted Press: An Imprint of John Wiley & Sons, New York.

*Westcott's Plant Disease Handbook*. Cynthia Westcott, revised by K. Horst. 2008. 7th edition, Van Nostrand Reinhold Co. NY. A very thorough and detailed book for the more advanced and interested diagnostician.

*Rodale's Landscape Problem Solver*. 1989. J. & L. Ball. Rodale Press; Emmaus, PA. Common problems are discussed, but without very many illustrations.

*Diseases and Pests of Ornamental Plants* by Pascal Pirone. 1978. John Wiley & Sons, 605 Third Ave., N.Y., N.Y. 10016. **Controls are outdated**, but the **coverage** of plant diseases and pests is **excellent!**

*Horticulture Diseases, Pests, and More* is a spiral-bound booklet of 41 photo identification sheets. One side of each page contains 20 to 25 detailed color photos featuring plant diseases and pests; the other side of each page lists concise descriptions of the subjects pictured. These handy photo identification sheets simplify the identification of many horticultural plant diseases. Code: **MX600** Available from: University of Illinois, 1917 S.

Wright St., Urbana, Illinois, 61801. Phone: 1-800-347-6087  
<https://pubsplus.uiuc.edu/MX600.html>

The APS Press Compendium series offers more than 50 titles in both English and Spanish that provide in depth information on specific plants or groups of plants. Published by the APS PRESS, 3340 Pilot Knob Road, St. Paul, MN 55121. These have several pages of nice color photos. These references are meant for the more serious diagnostician; much detail about disease causing organisms, life cycles, etc. Phone: 1-800-328-7560  
(<http://www.shopapspress.org/disease-diagnostic-series.html>)

## Web Sites

*The Virtual Plant and Pest Diagnostic Laboratory* Webpage, Plant and Pest Diagnostic Laboratory, Purdue University. <http://www.ppd.l.purdue.edu/> This site includes links to other diagnostic web pages and references

*Purdue's Online Publications* <http://www.ces.purdue.edu/extmedia/menu.htm>  
Ag Communications. 1-888-EXT-INFO

Marion County Plant and Pest Problems; Consumer Hort Website, Links to many excellent resource websites  
<http://www.extension.purdue.edu/CES/Marion/HortConProbs.htm>

*Buckeye Yard & Garden OnLine (BYGL)*. Provides timely information about Midwest growing conditions, pest, disease and cultural problems. <http://bygl.osu.edu/>

Introduction to Plant Disease Series –The Ohio State University  
<http://ohioline.osu.edu/hyg-fact/3000/index.html>

Department of Plant Pathology at Ohio State University has released a new series of factsheets designed to provide an overview of key plant disease concepts including the reasons why plants get sick, how to diagnose plant problems, and how to control disease and manage healthy plants. <http://ohioline.osu.edu/hyg-fact/3000/index.html>

Indiana Department of Natural Resources Division of Entomology and Plant Pathology. Information for Home Owners. <http://www.IN.gov/dnr/entomolo/homeowner.htm>

Plant and Crop Security Resource Information, EDEN (Extension Disaster Education Network)  
<http://www.agctr.lsu.edu/eden/plantcrop>

Fact sheet Database: Guides for answering plant-related questions from 46 different universities and government institutions across the United States and Canada. Over 59,000 pages of Extension fact sheets and bulletins provide a concentrated source of plant-related information.  
<http://hcs.osu.edu/plantfacts/web/>

University of Maryland Home and Garden Information Center <http://www.hgic.umd.edu/>