

Guide to Production Information for the Commercial Nursery Crop Grower

COMMERCIAL HORTICULTURE • DEPARTMENT OF HORTICULTURE
PURDUE UNIVERSITY COOPERATIVE EXTENSION SERVICE • WEST LAFAYETTE, IN

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The following is a reference list of informative publications which can provide answers and guidance to the commercial nursery grower on topics from propagation to pest management. Accompanying each reference is a brief description of the publication. Although the list does not include every publication designed for commercial nursery crop production, it contains many of the more useful references. Prices listed are as of December 1993, and should be regarded only as a guideline. Many of the publications may be ordered from the listed source or through your local bookstore

Books by Topic

Propagation

Plant Propagation: Principles & Practices

1990, 5th edition

H.T. Hartmann, D.E. Kester, & F.T. Davies Jr.

Prentice-Hall

200 Old Tappan Road

Old Tappan NJ 07675

647 pp. \$49.00

An excellent reference for plant propagation. As the standard for teaching propagation, this text provides detailed information on the theory and practical aspects of plant propagation, including seed and vegetative propagation techniques for selected herbaceous and woody perennial plants.

Seeds of Woody Plants in North America

1992

J.A. Young & C.G. Young

Timberpress Press, Inc.

Dioscorides Press

9999 S.W. Wilshire, Suite 124

Portland OR 97225

(800) 327-5680

407 pp. \$49.95

An expanded and revised version of the USDA Forest Service Handbook #450 on seed propagation. This exhaustive resource provides a listing of the woody plant genera native to North America and includes techniques for seed collection, stratification, germination, sowing.

The Reference Manual of Woody Plant Propagation From Seed to Tissue Culture

1987

M.A. Dirr & Charles Heuser Jr.

Varsity Press, Inc.

P.O. Box 6301

Athens GA 30604

237 pp. \$31.95

An excellent guide to propagation of more than 1100 species by seed, cuttings, grafting, and tissue culture.

Nursery Standards, Plant Patenting, and Quarantines

American Standard for Nursery Stock

1990

American Association of Nurserymen

1250 I Street, NW Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

A-2-40240 \$10 for a single copy

A guide to the standards adopted by the AAN and approved by the American National Standards Institute. Standard specifications (height, caliper, branching, size relationship requirements) are given for field-grown (balled and burlapped and balled and potted), container grown nursery stock, seedlings, small fruits, roses, and specialized storage structures (bulbs and corms).

How to Use, Select, and Register Cultivar Names

American Association of Nurserymen

1250 I Street, N.W. Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

A-2-40080 \$12 member/\$22 non-member

An excellent reference for explaining the guidelines to selecting cultivar names and the publication requirements to legitimize cultivar names, and plant patents. Provides a list of obsolete, misapplied, misspelled, and incorrect plant names.

Plant Patent Directory

1989

American Association of Nurserymen

1250 I Street, N.W. Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

A-40230 \$75 member/\$150 non-member

Supplements yearly at \$75 member/\$20 non-member for each supplement (1990 A-40230A, 1991 A-40230B, and 1992 A-40230C).

A comprehensive resource for plant patent owners, nursery operators, arboreta and botanic gardens, and attorneys. Lists patent dates, plant types, variety name, originator, and assignee.

Plant Patents and Federal Trademarks on Plants

American Association of Nurserymen

1250 I Street, N.W. Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

A-2-41050 Single copy free

A guide to understanding the plant patent and trademark process.

Federal & State Quarantine Summaries

Published by the American Association of Nurserymen,

National Plant Board, and the USDA Animal and Plant

Health Inspection Service (APHIS)

American Association of Nurserymen

1250 I Street, N.W. Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

200 pp. A-40330 \$25.00

A reference for growers, brokers, purchasers, and interstate transporters of nursery and greenhouse crops. Provides basic quarantine information and transportation requirements for both federal and state governments.

Nursery Crop Production

Forest Nursery Manual: Seedling Production

1984

M.L. Duryea & T.D. Landis

Nijoff & Junk Publishers

Kluwer Boston Inc.

190 Old Derby Street

Hingham MA 02043

386 pp.

An excellent reference for seedling production, providing information on current bareroot-nursery practices in the northwestern U.S. and Canada with emphasis on the major stages of seedling production.

Plant Production in Containers

1989

C.E. Whitcomb

637 pp. \$35.00

Lacebark Publishing

Available through American Nurseryman Publishing Co.

77 W. Washington St., Suite 2100

Chicago IL 60602-2904

(800) 621-5727

A guide including research and recommendations on growth media, plant nutrition, and irrigation for container nursery stock production.

Nursery Production

1989

C.W. Heuser & R.F. Stinson

Pennsylvania State University & The Pennsylvania Nurserymen's Association

Available through American Nurseryman Publishing Co.

77 W. Washington St., Suite 2100

Chicago IL 60602-2904

(800) 621-5727

216 pp. \$20.00 student/\$25.00 teacher

A handbook providing the technical information necessary in plant production, employee/employer relationships, industry trends, pesticide safety, and inventory control.

The Greenhouse and Nursery Handbook

1992

F.X. Jozwik

Available through American Nurseryman Publishing Co.

77 W. Washington St., Suite 2100

Chicago IL 60602-2904

(800) 621-5727

512 pp. \$59.95

A complete guide to growing and selling ornamental container plants. Provides procedures for growing hundreds of ornamentals, selling at a profit, planning facilities, and organizing operations.

Pest, Weed, and Disease Management

Insects That Feed on Trees and Shrubs

1991

W.T. Johnson & H.H. Lyon

Cornell University Press

124 Roberts Place

Ithaca NY 14850

556 pp. \$52.50

An excellent diagnostic aid. Provides facts on 950 plus species of insects, mites and other animals that injure woody plants.

The Ortho Problem Solver

1989

Edited by M.D. Smith

Ortho Books

Chevron Chemical Co.

Consumer Products Division

Box 5047

San Ramon CA 94583

1,052 pp. \$225.00

An excellent and easy-to-use resource organized and cross referenced by plant, problem, and pest. Lists pesticide recommendations using both Ortho and other products.

Crop Protection Chemicals Reference

8th Edition 1992

Chemical & Pharmaceutical Press

John Wiley & Sons Inc.

605 Third Avenue

New York NY 10158

(212) 850-8604

1892 pp. \$116.00

A complete reference guide to manufacturers, products, chemical names, and usage of pesticides. Includes product labels, handling procedures, and poison control information.

Pest Management for Commercial Ornamental Plants

1992

B. M. Drees

Available through American Nurseryman Publishing Co.

77 W. Washington St., Suite 2100

Chicago IL 60602-2904

(800) 621-5727

140 pp. \$19.95

A practical guide to pest problems, containing more than 100 pages of treatment recommendations

Nursery and Landscape Weed Control Manual

1990 2nd Edition

R.R. Rice Jr.

Thomson Publications

P.O. Box 9335

Fresno CA 93791

290 pp. \$29.95

A practical guide to weeds, control practices, and small-scale equipment. Lists the registered herbicides for ornamentals, chemical mode of action, registered species, and the weeds controlled.

The Grower's Weed Identification Handbook

1976-1990

American Association of Nurserymen

1250 I Street, N.W. Suite 500

Washington DC 20005

(202) 789-2900

(202) 789-1893 FAX

548 pp. \$70.00

A color photo guide to 263 common weeds. Includes common and botanical names, geographic distribution, and a detailed description of the seedling and adult stages of growth.

Westcott's Plant Disease Handbook

1990 5th edition

R. K. Horst

Van Nostrand Reinhold

135 W. 50th Street

New York NY 10020

803 pp. \$69.95

An excellent guide to diagnostic and disease-control information with over 1,200 host plants and 2,400 diseases. A must-have resource including the latest in integrated pestment management, biological control, chemical and pesticide specifics, and growth regulation changes.

Diseases of Trees and Shrubs

1987

W.A. Sinclair, H.H. Lyon, and W.T. Johnson

Cornell University Press

124 Roberts Place

Ithaca NY 14850

574 pp. \$52.50

A valuable guide to diagnosing diseases of woody ornamentals. Using pictures and descriptions a clear diagnoses of disease problems can be attained based on the signs and symptoms available.

General References on Identification and Ornamental Characteristics*Landscape Plants for Eastern North America*

1983

H.L. Flint

John Wiley and Sons Inc.

605 Third Avenue

New York NY 10158

(212) 850-8604

677 pp. \$57.55

An excellent resource for information on size, geographic range, function, habit, seasonal interest, and problems of trees, shrubs, and vines. Includes lists of plants based on use and tolerances and line drawings which depict size and texture characteristics.

Manual of Woody Landscape Plants

1990

M.A. Dirr

Stipes Publishing Company

10-12 Chester Street

Champaign IL 61820

1,007 pp. \$33.80

A excellent reference for selection of plants for the landscape and for sale at nurseries. Includes more than 1000 species and 2000 cultivars. Discusses hardiness, growth rate, habit, foliage, fruit, flowers, size, and pest problems.

Ground Covers for the Midwest

1990

T.B. Voigt, B.P. Hamilton, and F.A. Giles

Publications Office, Cooperative Extension Service

University of Illinois

69 Mumford Hall

1301 Gregory Drive

Urbana IL 61801

(217) 333-2007

184 pp. \$10.00

A useful resource for the midwestern nursery operator. Provides general culture information and detailed descriptions of woody and herbaceous ground cover plants, including botanical and common names, hardiness zones, and uses in the landscape.

Ornamental Grasses: The Amber Waves

1989
C. Ottesen
MacGraw-Hill Publishing Co.
11 West 19th Street
New York NY 10011
230 pp. \$29.95

A good resource for choosing and culturing grasses. Provides growing requirements for 70 plus species and varieties of grasses from a gardening perspective.

Periodicals

American Nurseryman

American Nurseryman Publishing Co.
3105 South Michigan Ave.
Chicago IL 60604
(800) 621-5727
\$45/yr.

A periodical published bimonthly and devoted to all aspects of the commercial nursery industry.

HortTechnology (quarterly) and *HortScience* (monthly)

American Society for Horticultural Science
113 South West Street, Suite 400
Alexandria VA 22314-2824
(703) 836-4606

Scientifically oriented journals which report on technological and practical research directed toward horticultural crop production.

Indiana Nursery News

Indiana Association of Nurserymen
Dr. Philip L. Carpenter, Editor
202E 650N
West Lafayette IN 47906
\$12.60/yr

Published monthly and devoted to the Indiana nursery industry.

Journal of Arboriculture/Arborist News

International Society of Arboriculture
P.O. Box GG
6 Dunlap Court
Savoy IL 61874-9902
(217) 355-9681
(217) 355-9516
\$70/yr.

Published bimonthly and devoted to the science and art of growing and maintaining amenity trees.

Journal of Environmental Horticulture

Horticulture Research Institute
1250 I Street N.W., Suite 500
Washington DC 20005
\$200/yr.

Published monthly and devoted to research for the advancement of the nursery industry.

Landscape Management

7500 Old Oak Blvd.
Cleveland OH 44130
(216) 826-2855
(216) 891-2675 FAX
\$30/yr.

Published monthly and devoted to the the landscape maintenance and design industry.

Nursery Business Grower

Brantwood Publications, Inc.
3023 Eastland Blvd., Suite 103
Clearwater FL 34621-4106
(813) 796-3877
(813) 791-4126 FAX
\$15/yr.

Published six times per year and devoted to the wholesale grower. A grower-oriented periodical reporting the annual sales figures per state and listing top 100 growers nationally.

Nursery Manager

Branch-Smith Publishing
120 St. Louis Avenue
Fort Worth TX 76104
(817) 332-8236
(800) 443-5612
(817) 887-1862 FAX
\$24/yr.

Published monthly and devoted to the retail nursery and garden center operator.

Nursery Retailer

Brantwood Publications, Inc.
3023 Eastland Blvd., Suite 103
Clearwater FL 34621-4106
(813) 796-3877
(813) 791-4126 FAX
\$15/yr.

Published six times per year and devoted to the lawn and garden retailer.

The Plant Propagator (Quarterly Newsletter)

International Plant Propagator's Society
Center for Urban Horticulture
University of Washington, GF-15
Seattle WA 98195

Published monthly and devoted to the propagation and culture of plants.

For more information on the subject discussed in this publication, consult your local office of the Purdue University Cooperative Extension Service.
