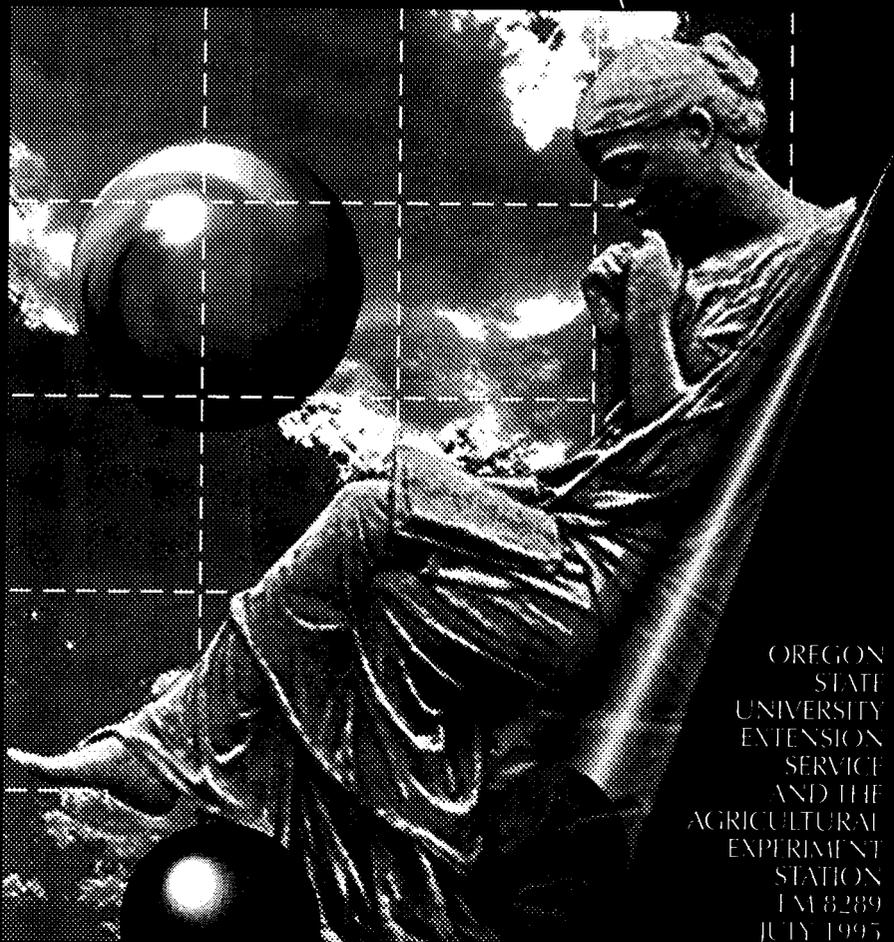


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EDUCATIONAL M A T E R I A L S



OREGON
STATE
UNIVERSITY
EXTENSION
SERVICE
AND THE
AGRICULTURAL
EXPERIMENT
STATION
FM 8289
JULY 1995



Oregon Agricultural
Experiment Station



Extension Service, Oregon State University, Corvallis, Lyla Houglum, interim director. This publication was produced and distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. Extension work is a cooperative program of Oregon State University, the U.S. Department of Agriculture, and Oregon counties.

Oregon State University Extension Service offers educational programs, activities, and materials—*without regard to race, color, religion, sex, sexual orientation, national origin, age, marital status, disability, and disabled veteran or Vietnam-era veteran status*—as required by Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973. Oregon State University Extension Service is an Equal Opportunity Employer.

Educational Materials

from the Oregon State University Extension Service and the
Agricultural Experiment Station

EM 8289 • July 1995

In July 1992 a fire broke out at OSU's Industrial Building, which housed the Department of Printing and Mailing Services. The Printing section prints most of our Extension Service and Agricultural Experiment Station educational materials, and Mailing Services is our storage area and distribution center. Most of our educational materials were destroyed.

Since then we've been busy reprinting and restocking publications that were lost in the fire. We've also been revising and developing new publications to add to our inventory.

We revise this list as we add more materials. Just write or call us to request our most recent catalog of publications, computer software, and videotape programs available from the Oregon State University Extension Service and the Oregon Agricultural Experiment Station.

Extension publications are written in a popular style for a general interest audience and have various series number designations. Series include bulletin (EB), circular (EC), miscellaneous (EM), fertilizer guide (FG), fact sheet (FS), Manual, Pacific Northwest Extension produced in Oregon, Idaho, or Washington with tri-state recommendations (PNW), Pacific Sea Grant Advisory Program (PS), Extension Sea Grant (SG), Videotape Program (VTP), Western Regional Agricultural Engineering Service (WRAES), and Western Regional Extension (WREP).

Agricultural Experiment Station publications report research results and are written for a more technical audience than Extension publications. These series include circular of information (CI), station bulletin (SB), and technical bulletin (TB).

The Oregon State University Extension Service and the Oregon Agricultural Experiment Station, in partnership with teaching and international divisions, is part of the College of Agricultural Sciences at Oregon State University.

The **OSU Extension Service** is the off-campus educational arm of OSU. We offer programs in agriculture, forestry, home economics, 4-H youth, marine resources, community development, and energy. Extension takes the University to the people. We translate the best scientific knowledge available—from OSU and other research centers around the world—into useful, practical programs, helping Oregonians use that knowledge on the job and at home.

Campus-based Extension *specialists* stay current in their academic fields and translate the conclusions of the research lab into practical applications. They work closely with county Extension *agents*. County agents, OSU faculty members whose job is to teach off campus, then deliver educational programs to Oregonians through meetings, workshops, short courses, satellite teleconferences, tours, and demonstrations. County agents live and work in communities throughout the state. You'll find them at your local county Extension office. See inside the back cover of this catalog for their addresses and phone numbers.

Volunteers are an important part of Extension. Each year more than 22,000 Oregonians serve as Extension volunteers. Many of our volunteers are 4-H leaders who work through each local county Extension office. The OSU Extension Service provides publications and other educational materials to support the 4-H Youth Development program and its volunteers. For information on 4-H publications and activities, contact your local county Extension office (see inside back cover).

From its campus headquarters, the **Oregon Agricultural Experiment Station** directs 10 branch research stations across the state, each dedicated to the agricultural needs of its own community. On campus, the Station administers in 20 academic units. The most valuable assets of the Station are its people: the scientists and staff who work together on campus and at the branch stations in the agricultural, biological, social, and environmental sciences (see inside back cover for these addresses, too).

The goal for *Extension* and *Station* is to get practical information to people who need it, when they need it. We hope we can do that for you.

Ordering Information

Our publications are available for sale at the prices listed in this catalog. Prices listed are based on production costs and may change as we revise and reprint publications. If a price does not follow a publication title, there is no charge. **You may order up to six *no-charge* publications of one title or single copies of up to six different *no-charge* publications. If you request seven or more *no-charge* publications, include 25 cents for each publication beyond six.** There is no limit to how many *charge* (priced) publications you may order.

Most county offices of the OSU Extension Service stock a variety of the titles listed in this catalog. If not, the county office staff can order a copy for you. A list of the county offices is on the inside back cover.

Our publications are under constant revision. Instead of building a reference collection, we encourage you to obtain the publications when you need them. You may order materials by mail, telephone, or fax from:

**Publication Orders
Agricultural Communications
Oregon State University
Administrative Services A422
Corvallis, OR 97331-2119**

**Phone: 503-737-2513; Fax: 503-737-0817
Office hours: Monday to Friday 8 a.m. to 12
and 1 to 5 p.m.**

Shipping and Handling

Shipping and handling for U.S. and Canada orders is included in the price of our educational materials. For international orders, please write for a price quotation.

Discounts

The OSU Extension Service offers a 25 percent discount on orders of 100 copies or more of a single title. Call or write Agricultural Communications for a price quote.

Payments

Make checks, purchase orders, or money orders payable to Oregon State University.

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General Educational Materials

- EB 785 Ferns to Know in Oregon 50¢
EC 917 Farming and Ranching in Oregon: A picture of diversity
EC 1233 Oregon Agricultural Commodities: Farm Values and Processed Values
EC 1450 Trees to Know in Oregon \$3.00
EM 8228 A User's Guide to the Oregon State University Extension Service (explains how Oregon State University extends its information)
EM 8258 Woodland Workbook promotional brochure (ordering information for the Woodland Workbook listed on page 20)
EM 8417 Extension Sea Grant at Oregon State University
EM 8472 Master Woodland Manager Program Brochure
EM 8582 Oregon State University Extension Forestry Program Brochure
SM 89:3 100 Years of Progress: The Oregon Agricultural Experiment Station, Oregon State University, 1888-1988 (hardcover book) \$5.00
VTP 003 The Unwriting Workshop videotape with Kirby Brumfield as Mark Twain (14 min.) \$33.00
VTP 016 Ballot Measure 5: Your Property Taxes and Government Spending videotape (18 min.) \$20.00

Aging

(see also **Families and Children**)

- EC 1221 Families and Aging: A Guide to Legal Concerns \$1.25
EC 1243 When Death Comes: Funerals and Alternative Arrangements \$1.75
EC 1425 An Oregon Guide to Special Care Units for Persons with Dementia \$1.25
EC 1428 Making a Decision About a Nursing Home \$1.75
EC 1435 Talking With Aging Parents About Finances 75¢
FS 327 Making Connections: Children and Frail Elders
PNW 196 Sensory Changes in Later Life \$1.00
PNW 246 Aging Parents: Helping When Health Fails 50¢
PNW 314 Helping Memory-Impaired Elders: A Guide for Caregivers \$1.00
PNW 315 Coping with Caregiving: How to Manage Stress When Caring for Elderly Relatives \$1.00
PNW 318 Living Arrangements in Later Life \$1.00
PNW 342 Alcohol Problems in Later Life \$1.00
PNW 344 Helping Your Older Family Member Handle Finances 50¢
PNW 345 Financing Health Care in Later Life \$1.00
PNW 347 Depression in Later Life: Recognition and Treatment \$1.50
PNW 392 Using Medicine Safely \$1.50
PNW 393 Using Medicine Safely in Later Life \$1.00
PNW 408 Managing Urinary Incontinence for Healthy Aging \$1.00

- PNW 438 Coping With Your Loss and Grief \$1.00
 PNW 439 Loss and Grief in Later Life \$1.00
 PNW 453 What Do You Know About Aging? Facts and Fallacies 50¢

Animal Health and Nutrition

(see also Farm Animals)

- EC 1427 Artificial Rearing of Lambs on Milk Replacer Diets 75¢
 EC 1433 Body Condition Scoring of Sheep 75¢
 NCREP 267 Coliform-Infected Dairy Cows 75¢
 NCREP 277 Mastitis—A Closer Look 75¢
 NCREP 278 Non-Ag. Strep.-Infected Dairy Cows (Environmental Strep.) 75¢
 PNW 157 White Muscle and Other Selenium-Responsive Diseases of Livestock 50¢
 PNW 455 On-Farm Screening Tests for Beta-Lactam Residues in Milk 50¢
 WREP 33 Diseases of Dairy Goats 75¢
 WREP 39 By-Products and Unusual Feedstuffs in Livestock Rations \$3.00

Bees

- PNW 245 Evaluating Honey Bee Colonies for Pollination: A Guide for Growers and Beekeepers \$1.00
 PNW 282 Bee Pollination of Tree Fruits \$2.00
 SP001 Biology and External Morphology of Bees \$2.50
 TB 125 Bees of Northwestern America: AGAPOSTEMON
 TB 126 Bees of Northwestern America: HALICTUS

Buildings and Equipment—Agricultural

(see also Irrigation)

- EC 1275 Hovers for Farrowing Buildings
 EC 1332 Selecting, Using, and Maintaining Pneumatic Tools for Installing Fasteners into Wood \$1.00
 FS 282 Controlling Odors from Confined Animals
 FS 302 Why Ventilate Animal Buildings?
 PNW 171 Building Hobby Greenhouses 50¢
 PNW 211 Pole-type Farm Building Construction 50¢
 PNW 307 Basic Ventilation Considerations for Livestock or Poultry Housing \$1.50
 PNW 308 Troubleshooting a Mechanical Ventilation System for Livestock or Poultry Housing \$1.00
 PNW 321 Designing Dairy Free Stalls 25¢
 WREP 38 Dairy Calf Housing 25¢

Christmas Trees

(see also Forest Production and Processing)

- EC 1373 Biology and Control of Douglas-fir Needle Midge in Christmas Trees 50¢
- EM 8472 Master Woodland Manager Program Brochure
- EM 8557 Douglas-fir Christmas Tree Economics: The Costs of Establishing and Producing Douglas-fir Christmas Trees in the Willamette Valley \$2.50
- FG 73 Douglas-fir Christmas Trees in Oregon and Washington Fertilizer Guide
- PNW 6 Growing Christmas Trees in the Pacific Northwest 75¢
- PNW 226 Developing High Quality True Fir Christmas Trees \$1.50
- PNW 227 Developing Sheared Douglas-fir Christmas Trees \$1.50
- VTP 005 Shearing & Culturing Christmas Trees videotape (1 hr. 8 min.) \$33.00
- VTP 017 Calibrating and Using Backpack Sprayers videotape (16 min.) (includes publication PNW 320) \$30.00

Clothing and Textiles

Appearance

- EC 1285 Fashion Analysis and Adoption \$1.00

Care

- EC 1279 Garment Labels: The Consumer's Information Source
- EC 1280 Dyeing and Colorfastness in Fabrics \$1.00
- EC 1281 Fibers and Fabrics Update 75¢
- EC 1282 Professional Clothing Care Services 75¢
- EC 1283 Laundry Detergents and Soaps \$1.00
- EC 1284 Selecting and Using Laundry Aids 75¢
- EM 8581-S Guia para Remover Manchas para Telas Lavables (Stain Removal Guide for Washable Fabrics) 75¢
- PNW 440 Stain Removal Guide for Washable Fabrics \$1.50

Construction

- EC 891 How to Recycle Clothing by Restyling and Making Over 50¢
- EC 892 Decisions About Recycling Clothing 50¢
- EC 893 Sewing Equipment: What Do You Need? 75¢
- EC 894 Basic Handsewing Stitches
- EC 895 Cutting Skills for Garment Construction
- EC 922 Plain Seams and Seam Finishes \$1.00
- EC 923 Ease and Gathers 75¢

EC 924	Pressing 75¢
EC 930	Darts 75¢
EC 933	Hems \$1.25
EC 940	Zippers—Centered and Lapped Applications 75¢
EC 944	Facings and Enclosed Seams \$1.25
EC 980	Set-in Sleeves 75¢
EC 981	Topstitched Seams 75¢
EC 985	Complex Seams for Woven Fabrics 75¢
EC 1111	Choosing Colors to Wear 50¢
EC 1218	Tailoring Women's Fashions With Fusible Interfacing \$2.00
PNW 187	Sewing with Stripes, Checks, and Plaids 50¢
PNW 192	Interfacings 25¢
PNW 197	Quality Standards in Clothing Construction 50¢
PNW 216	Pressing Pointers 50¢
PNW 222	Clothing for People with Physical Handicaps 75¢

Selection

EC 1382	Fashion Terms and Styles for Women's Garments \$2.75
PNW 284	International Clothing Care Symbols 25¢

Textiles

EC 897	The Structure of Textile Fabrics \$1.25
EC 946	Analyzing the Color, Design, and Texture of Fabric 75¢
EC 1390	Fashion Terms: Apparel Fabric Glossary 75¢
EC 1411	New Developments in Microdenier Fibers and Fabrics 50¢
EC 1430	Textile and Apparel Imports

Coastal Topics

EC 1363	Home Freezing of Seafood 50¢
EC 1414	Handling Sportcaught Fish
EM 8330	Sharks: An Inquiry into Behavior, Biology, Fisheries and Use (Conference Proceedings) \$10.00
EM 8414	Waterfront Revitalization for Small Cities \$16.00
MANUAL 3	Boating in Oregon Coastal Waters \$2.00
MANUAL 4	Field Guide to Common Marine and Bay Fishes of Oregon \$1.25
PNW 183	Fish Pickling for Home Use
PNW 194	Canning Seafood 50¢
PNW 238	Smoking Fish at Home—Safely 50¢
PNW 450	Home Canning Smoked Fish 50¢
SG 9	Phytoplankton: Grass of the Sea \$1.00
SG 21	Cleaning and Sanitizing Agents for Seafood Processing Plants 75¢

- SG 22 Preparation of Salt Brines for the Fishing Industry 50¢
- SG 25 Understanding Tides \$1.75
- SG 28 Oregon's Captivating Clams 75¢
- SG 30 Catching, Cleaning, and Cooking Bay Crabs 75¢
- SG 51 Enjoy the Beaches in Safety
- SG 69 Seal Pups Rest on Shore Poster
- SG 70 Building a Small Crab Cooker for Home Use
- SG 76 How to Identify a Soft-Shell Crab
- SG 79 Parasites in Marine Fishes: Questions and Answers for Seafood Retailers

- SG 83 Net Mending and Patching \$3.00
- SG 84 Yaquina Bay Estuary Public Access Guide \$1.00
- SG 85 Choosing and Buying Residential Property in the Coastal Zone \$1.00

Community Development

Community and Regional Economics

(see also **Marketing and Business Management**)

- EM 8278 The Port of Beaver: A Case Study of Port Management \$2.50
- EM 8395 Your Port and the Local Economy \$1.50
- EM 8399 Your Port and Economic Growth \$1.50
- EM 8409 Your Port: Activities, Finance, and Governance \$2.00
- WREP 111 Community-Based Small Business Start-Up Funds \$1.00

Leadership

- CORN 99 Parliamentary Procedures—Teach Yourself \$3.75
- EM 8480 Facilitate to Make Things Easier \$2.00
- EM 8481 Leadership for the '90s \$1.75
- PNW 428 Volunteer Program Training Guide \$12.00

Planning

- EM 8414 Waterfront Revitalization for Small Cities \$16.00
- EM 8554 Farmer/Scientist Focus Sessions: A How-To Guide
- EM 8558 Whole Farm Case Studies: A How-To Guide

Energy

(see also **Home Furnishings and Equipment, Housing, Irrigation**)

- EC 1096 Micro-Hydropower: Oregon Development Guide \$1.00
- EC 1163 Measuring Wind Speeds for Small Turbine Sites 75¢
- EC 1204 Combustion Appliances in Energy-Efficient Homes
- EC 1240 How To Build Storm Windows 50¢
- EC 1254 Fuelwood Management: Opportunities and Options \$1.25
- EC 1261 Landscaping to Cut Fuel Costs 50¢
- EC 1265 Sizing and Buying a Wood Stove
- EC 1286 Finding and Fixing Hidden Air Leaks
- EC 1387 Burn Dry Firewood for Safer, Cleaner Burning and Efficiency
- EC 1389 Build a Solar Wood Dryer
- EC 1404 Operate and Maintain Your Wood Stove for Safer, Cleaner Burning and Efficiency
- EC 1405 Energy Efficient Windows \$1.50
- EC 1437 Home Moisture Problems \$1.25
- FS 300 Unvented Kerosene Space Heaters
- PNW 262 Heat Pumps for Homes: A Guide for Decisions

Families and Children

(see also **Aging**)

- CA 21455 If My Child Is Too Fat, What Should I Do About It? \$2.00
- EC 1289 Helping Children Grow: Using Discipline Constructively
- EC 1290 Helping Children Grow: The Causes and Prevention of Child Abuse
- EC 1291 Helping Children Grow: Listening to Your Children
- EC 1292 Helping Children Grow: Starting Healthy Eating Habits
- EC 1293 Helping Children Grow: Developing Personal Identity
- EC 1294 Helping Children Grow: Attachment and Independence
- EC 1295 Helping Children Grow: Managing Children's TV Habits
- EC 1296 Helping Children Grow: Dealing With Problem Behavior
- EC 1297 Helping Children Grow: Learning Through Play and Fantasy
- EC 1298 Helping Children Grow: Children's Individuality
- EC 1299 Helping Children Grow: Knowing Your Children
- EC 1300 Helping Children Grow: Learning to Cope With Death
- EC 1301 Helping Children Grow: Providing Early Stimulation
- EC 1311 Helping Children Grow: Promoting Creativity
- EC 1312 Helping Children Grow: Handling Children's Fears
- EC 1313 Helping Children Grow: Finding Community Support
- EC 1314 Helping Children Grow: Becoming a Stepparent
- EC 1315 Helping Children Grow: Mastering Life's Tasks
- EC 1316 Helping Children Grow: Managing Sibling Rivalry
- EC 1317 Helping Children Grow: Developing Social Skills
- EC 1318 Helping Children Grow: Finding Your Parenting Style

EC 1319	Helping Children Grow: Making Children Feel Loved
EC 1320	Helping Children Grow: Preparing for Parenthood—Together
EC 1321	Helping Children Grow: Encouraging Competence
EC 1322	Helping Children Grow: The Disabled Child
EC 1323	Helping Children Grow: Coping With Illness and Hospitalization
EC 1324	Helping Children Grow: Teaching Children Responsibility
EC 1325	Helping Children Grow: Teaching Children Values
EC 1326	Helping Children Grow: Children's Peer Groups
EC 1327	Helping Children Grow: Preparing Children for School
EC 1372	Building Community Support for Families of People with AIDS 50¢
EC 1386	Talking to Your Family and Doctor About Difficult Health Care Decisions \$1.25
EC 1406	Talking with Children About AIDS 50¢
EC 1436	Communication Through Family Meetings 50¢
EC 1451	You, Your Child, and Problem Solving 50¢
EC 1452	You, Your Child, and Positive Discipline 50¢
EC 1453	You, Your Child, and Self-Confidence 50¢
EC 1454	Family and Work: A Delicate Balance 75¢
EM 8563	Parenting the First Year (includes 12 issues of a newsletter suitable for reproduction) \$10.00
EM 8563-S	El Primer Año como Papas (Parenting the First Year; includes 12 issues of a newsletter suitable for reproduction) \$10.00
FS 320	Protecting Family Ties
FS 322	Communication Strategies for Adult Couples
FS 325	Oregon's Human Resources Programs (supplements the video, Confronting Challenges, Crafting Solutions, available in OSU Extension county offices)
PNW 64	Child Guidance Techniques 75¢
PNW 64-S	Metodos en la Guia del Nino (Child Guidance Techniques)
PNW 242	Thriving on Stress 25¢
PNW 294	Moving With Kids 50¢
PNW 391	Understanding the Grief of Children 75¢

Family Finance

(see also Aging, Foods and Nutrition)

Budgeting/Family Financial Planning

CA \$	Su Dinero Puede Rendir Mas (Making Every Dollar Count)
EC 1267	Financial Planning: Family Goals
EC 1270	Your Saving/Spending Plan
EC 1302	Organizing Your Family Records \$1.00
EC 1365	Choices for Federal Employees: Pension Benefits or Life Insurance for the Surviving Spouse \$1.25
EC 1381	Family Financial Planning: Preparing and Using Financial Statements 75¢

- EC 1422 Paying Family Bills
 FS 321 When Friends or Family Ask for Money
 FS 323 Considerations When Selecting an Organizational Structure for
 Your Business

Divorce/Remarriage

- EC 1378 An Oregon Guide Part 1: Property Division and Spousal Support
 When Divorce Occurs \$1.50
 EC 1379 An Oregon Guide Part 2: Child Support Decisions When Divorce
 Occurs \$1.50
 EC 1412 Non Traditional Families: A Guide for Parents 75¢
 EC 1443 Shared Custody: Increasing Benefits and Reducing Strains 75¢
 FS 316 Stages in Money Management for Stepfamilies
 FS 317 When You Marry: Some Financial and Recordkeeping Tasks
 FS 318 Premarital Agreements
 FS 324 Shared Custody: Financial Considerations
 FS 326 Modification of Child Support in Oregon

Estate Planning

- EC 1234 Do You Know Your Valuable Papers?
 EC 1421 Estate Planning: Your Will 50¢
 EC 1435 Talking With Aging Parents About Finances 75¢
 FS 313 Estate Planning for Families With Minor Children
 FS 314 Revocable Living Trusts
 PNW 344 Helping Your Older Family Member Handle Finances 50¢
 PNW 345 Financing Health Care in Later Life \$1.00

Unemployment

- EC 1059 What To Do If You Lose Your Job
 EC 1391 Managing Between Jobs: Setting Spending Priorities
 EC 1392 Managing Between Jobs: Strategies for Spending Less
 EC 1393 Managing Between Jobs: Deciding Which Bills to Pay First
 EC 1394 Managing Between Jobs: Talking With Creditors
 EC 1395 Managing Between Jobs: Keeping a Roof Overhead
 EC 1396 Managing Between Jobs: Bartering
 EC 1397 Managing Between Jobs: Making the Most of What You Have
 EC 1398 Managing Between Jobs: Accepting Your Feelings
 EC 1399 Managing Between Jobs: Living Better With Stress
 EC 1400 Managing Between Jobs: Identifying Sources of Support
 and Friendship
 EC 1401 Managing Between Jobs: How You Can Help When Your
 Mom or Dad is Unemployed
 EC 1402 Managing Between Jobs: Deciding if Teens Should Work
 EC 1403 Managing Between Jobs: Helping Children Cope

Farm Animals

(see also **Animal Health and Nutrition**)

Beef Cattle

- COW CALF Cow Calf Management Guide/Cattle Producer's Library Second Edition (a collection of materials in a 3-ring binder with printed chapter dividers) \$45.00
- EC 935 Creep-Feeding Beef Calves 75¢
- EC 951 How to Select, Grow, and Manage Replacement Heifers \$1.00
- EC 1035 Choosing and Managing Young Bulls 50¢
- EC 1345 Using National Sire Summaries to Improve Selection Skills 75¢
- EC 1370 Calving Difficulties in Beef Cattle \$1.00
- EC 1371 Weaning Management for Calves 75¢
- PNW 173 Freeze Marking Farm Animals 25¢
- WREP 39 By-Products and Unusual Feedstuffs in Livestock Rations \$3.00

Dairy

(see also **Buildings and Equipment**)

- EC 1418 Raising Newborn Calves 50¢
- EC 1439 Dairy Goats for Family Milk Supply 75¢
- EM 8408 Good Farm Equipment Sanitation Means Better Milk Quality Tests 75¢
- EM 8412 Managing Dairy Grazing for the Most Efficient Yields 50¢
- EM 8535 Starting a Dairy in Oregon: Information for the Potential Buyer and Related Industries 50¢
- EM 8540 10 Important Measures: Understanding Dairy Herd Performance Measurements from the Agri-Tech Analytics DHIA Herd Total Report \$1.75
- EM 8583 Using Fish Meal in Dairy Rations 75¢
- FS 201 So You Own a Cow...Now What?
- FS 280 Feeding Calves for Veal
- PNW 259 Buying and Selling Forages Based on Moisture Content \$1.00
- PNW 351 Should You Switch to Commodity Feeding? \$1.00
- PNW 455 On-Farm Screening Tests for Beta-Lactam Residues in Milk 50¢
- WREP 41 Dairy Breeding Efficiency \$1.50
- WREP 110 Understanding the Basics of Managing Dairy Labor 50¢
- WREP 119 Interpreting Bulk Tank Milk Culture 75¢
- WREP 124 Enterprise Budgets for Dairy Operations \$1.00

Poultry

- EC 761 Raising Small Flocks of Chickens 75¢
EC 1232 Avoiding Drug Residues in Turkeys
EM 8426 Growing Broilers in Oregon: Facts for the Potential Grower
PNW 477 How To Feed Your Laying and Breeding Hens 50¢
PNW 478 Hatching Small Numbers of Eggs 50¢
SB 680 Chopped Willamette Valley Grass Seed Straw as Alternative Litter for Broiler Production

Rabbits

- PNW 310 Domestic Rabbits: Diseases and Parasites \$1.50

Sheep and Goats

- EC 1238 Raising and Training a Livestock-Guarding Dog \$1.50
EC 1427 Artificial Rearing of Lambs on Milk Replacer Diets 75¢
EC 1433 Body Condition Scoring of Sheep 75¢
WREP 33 Diseases of Dairy Goats 75¢
WREP 46 Protecting Dairy Goats from Poisonous Plants

Fertilizer

(see also Irrigation)

The Fertilizer Guide (FG) series consists of single sheets providing fertilizer recommendations for specific crops

- EC 1094 Calculating the Fertilizer Value of Manure from Livestock Operations \$1.00
EC 1278 Fertilizing Home Lawns 50¢
EM 8586 Nutrient Management for Dairy Production: Dairy manure as a fertilizer source 75¢
FG 52 Fertilizer and Lime Materials
FG 66 Fertilizing Home Fruit, Vegetable, and Ornamental Gardens
FG 79 Hops Fertilizer Guide
FS 103 Fertilizing Shade and Ornamental Trees

Cereal Crops

- FG 9 Winter Wheat Fertilizer Guide (Western Oregon–West of Cascades)
PNW 283 Fertilizer Band Location For Cereal Root Access 50¢

Fruits and Nuts

- FG 14 Strawberries Fertilizer Guide (Western Oregon—West of Cascades)
FG 23 Apples Fertilizer Guide
FG 51 Caneberries Fertilizer Guide
FG 59 Pears Fertilizer Guide
FG 75 South Coastal Oregon Cranberries Fertilizer Guide
FG 78 Blueberries Fertilizer Guide

Field Crops

(see also **Fertilizer, Fruit Growing—Commercial, Irrigation, Pests and Pesticides, Vegetable Growing—Commercial**)

- PNW 487 On-farm Test Record Form 50¢

Alfalfa

- PNW 223 Testing the Quality of Alfalfa Hay 50¢

Other Forage Legumes

- SB 662 Phosphorus and Sulfur Fertilization of Established Subclover in Western Oregon

Cereal Crops

- EC 1423 Combatting Take-all of Winter Wheat in Western Oregon 75¢
EM 8308 PLANTEMP Computer Software (predicts wheat plant development and ground cover by wheat plants in their vegetative stage) \$25.00
EM 8542 Early Growth and Development of Cereals 75¢
FS 269 Growing Winter Wheat on Poorly Drained Soil
FS 308 Recognizing and Controlling Cephalosporium Stripe
FS 309 Evaluating Grain for Livestock Feed
PNW 331 Triticale 25¢
PNW 371 Russian Wheat Aphid: Biology, Damage, and Management \$4.00
VTP 015 Early Growth and Development of Cereals videotape (20 min.) \$25.00

Grass Seed Crops

- CI 703 Field Sanitation Costs for Willamette Valley Grass Seed Producers
SB 680 Chopped Willamette Valley Grass Seed Straw as Alternative Litter for Broiler Production

Mint

- PNW 182 A Guide to Peppermint Insect and Mite Identification and Management \$5.00
PNW 322 Mint Root Borer in the Pacific Northwest \$1.25

Potatoes

- PNW 248 Potatoes: Influencing Seed Tuber Behavior \$1.00
PNW 257 Potatoes: Storage and Quality Maintenance in the Pacific Northwest 75¢
PNW 295 Insulation and Vapor Barriers in Potato Storage Buildings 75¢
PNW 387 Powdery Scab of Potato 50¢
PNW 427 Management Practices & Sugar End Potatoes 50¢
PNW 454 Characteristics of Potato Varieties in the Pacific Northwest \$5.00

Fisheries Technology

- SG 83 Net Mending and Patching \$3.00

Food Processing—Commercial

Seafood

- SG 21 Cleaning and Sanitizing Agents for Seafood Processing Plants 75¢
SG 22 Preparation of Salt Brines for the Fishing Industry 50¢

Foods and Nutrition

Food Buying

(see also Family Finance)

- SG 82 Albacore Tuna: A Quality Guide for Off-the-dock Purchasers 75¢

Food Preparation

- EC 1248 Preparing Food at High Altitudes 50¢
EC 1434 Big Game from Hunt to Home \$2.75
PNW 250 You Can Prevent Food Poisoning \$1.00
SG 70 Building a Small Crab Cooker for Home Use
VTP 007 Emergency Foods: Farina videotape (12 min.) \$20.00
VTP 008 Emergency Foods: Cornmeal videotape (13 min.) \$20.00

- VTP 009 Emergency Foods: Canned Meat videotape (13 min.) \$20.00
 VTP 010 Emergency Foods: Beans videotape (16 min.) \$20.00

Food Preservation and Storage

- EC 1363 Home Freezing of Seafood 50¢
 EC 1414 Handling Sportcaught Fish
 FS 232 Making Dried Fruit Leather
 PNW 172 Canning Vegetables 25¢
 PNW 183 Fish Pickling for Home Use
 PNW 194 Canning Seafood 50¢
 PNW 199 Canning Fruits 50¢
 PNW 214 Freezing Fruits and Vegetables 50¢
 PNW 238 Smoking Fish at Home—Safely 50¢
 PNW 250 You Can Prevent Food Poisoning \$1.00
 PNW 296 Freezing Prepared Foods 50¢
 PNW 300 Canning Tomatoes and Tomato Products 50¢
 PNW 355 Pickling Vegetables 50¢
 PNW 361 Canning Meat, Poultry, and Game 50¢
 PNW 395 Salsa Recipes for Canning 50¢
 PNW 395-S Recetas para el Envasado de Salsas (Salsa Recipes for Canning)
 PNW 421 Using and Caring for Your Pressure Canner 50¢
 PNW 450 Home Canning Smoked Fish 50¢
 WREP 112 Envasado de Tomates y Productos con Tomate (Canning
 Tomatoes and Tomato Products)
 WREP 113 Envasado de Hortalizas (Canning Vegetables)
 WREP 114 Envasado de Frutas (Canning Fruits)

Food/Water Safety

- PNW 250 You Can Prevent Food Poisoning \$1.00

Nutrition

- HG 90 Conserving the Nutritive Values in Foods
 PNW 357 Nutritive Value of Foods \$2.00
 PNW 394 Growing Healthy Bodies: Nutrition Education for Day Care
 Providers \$1.00
 PNW 002-VT Growing Healthy Bodies: Nutrition Education for Day Care
 Providers videotape (30 min.) (includes publication
 PNW 394) \$35.00

Forest Production and Processing

(see also **Christmas Trees, Marketing and Management—Forestry**)

- EM 8258 Woodland Workbook promotional brochure (ordering information for the Woodland Workbook)
- EM 8461 Log Exports from Oregon: Domestic Conflict in an International Context \$1.00
- EM 8472 Master Woodland Manager Program Brochure
- EM 8536 Directory of Oregon Forest Interest Groups \$11.50
- EM 8544 Timber in Oregon: History and Projected Trends
- EM 8562 Oregon and National Public Values Concerning Federal Forestry Issues
- EM 8582 Oregon State University Extension Forestry Program Brochure
- EM 8584 Forest Practices and Salmon: What's the Connection?
- WOOD WB Woodland Workbook (a collection of 29 publications in a 3-ring binder with printed chapter dividers; includes many of the titles listed on pages 20–21 and 29–30) \$41.50

Logging

- EC 858 Timber Harvesting Options
- EC 956 Logging Woodland Properties 75¢
- EC 1110 Designated Skid Trails Minimize Soil Compaction \$1.00
- EC 1118 Planning Woodland Roads \$1.00
- EC 1124 Felling and Bucking Techniques for Woodland Owners \$1.50
- EC 1135 Road Construction on Woodland Properties \$2.00
- EC 1137 Designing Woodland Roads \$3.50
- EC 1139 Maintaining Woodland Roads \$1.25
- EC 1140 Hauling Logs from Woodland Properties \$1.00
- EC 1184 Increasing Values Through Bucking Practices: Manufacturing Logs \$2.50
- EC 1442 Financial Considerations in Deciding When to Harvest Timber 50¢
- PNW 195 Impacts of Forest Practices on Surface Erosion 50¢
- PNW 209 Slope Stability on Forest Land 75¢

Multiple Use

- EC 1109 Soil Compaction on Woodland Properties \$1.00
- EC 1114 Agro-Forestry: Growing Trees, Forage, and Livestock Together \$1.00
- EC 1122 Enhancing Wildlife on Private Woodlands 75¢
- EC 1143 Soil and Water Conservation: An Introduction for Woodland Owners 75¢

Reforestation

- EC 1095 Seedling Care and Handling 50¢
EC 1144 Controlling Mountain Beaver Damage in Forest Plantations \$1.00
EC 1188 Site Preparation: An Introduction for the Woodland Owner \$1.25
EC 1196 Selecting and Buying Quality Seedlings \$1.25
EC 1201 Understanding and Controlling Deer Damage in Young Plantations \$2.50
EC 1256 Controlling Vole Damage to Conifer Seedlings \$1.00
EC 1388 Introduction to Conifer Release \$1.00
EM 8241 Reforestation Planning Guide: Helping Insure Reforestation Success for Woodland Owners \$2.50
PNW 96 Raising Forest Tree Seedlings at Home 25¢

Stand Management

- EC 1106 Thinning to Prevent Mountain Pine Beetles in Lodgepole and Ponderosa Pine \$1.00
EC 1131 Managing Woodlands in the Coastal Fog Belt \$1.00
EC 1132 Thinning Systems for Western Oregon Douglas-fir Stands: What Is Best for You? \$1.00
EC 1134 Growing and Harvesting Douglas-fir Poles 75¢
EC 1183 Managing Hardwood Stands for Timber Production \$1.50
EC 1186 Converting Western Oregon Red Alder Stands to Productive Conifer Forests \$2.00
EC 1189 Using Precommercial Thinning to Enhance Woodland Productivity \$1.25
EC 1193 Using Knobcone x Monterey Hybrid Pine (KMX) in Western Oregon \$1.50
EC 1197 Managing Red Alder \$1.50
EC 1413 Forest Health in Eastern Oregon 75¢
PNW 5 Trees Against the Wind 75¢
PNW 33 Plant Your Trees Right 25¢
PNW 149 Clearcutting in the Douglas-fir Region of the Pacific Northwest
PNW 184 Thinning: An Important Timber Management Tool 50¢
PNW 356 High Yield Hybrid Poplar Plantations in the Pacific Northwest \$3.50
VTP 014 Water Quality and Our Forests: Western Oregon Research videotape (11 min.) \$25.00

Wood Processing

- EC 1250 Acquiring and Using a Portable Sawmill \$3.00
EM 8600 Wood and Moisture Relationships \$1.00

Fruit Growing—Commercial

(see also Fertilizer, Irrigation, Pests and Pesticides)

Berries and Grapes

- EC 1310 Raspberry Cultivars for Oregon
EM 8526 Blueberry Economics: The Costs of Establishing and Producing Blueberries in the Willamette Valley \$2.50
EM 8533 Vineyard Economics: The Costs of Establishing and Producing Wine Grapes in the Willamette Valley \$3.00
EM 8534 Red Raspberry Economics: The Costs of Establishing and Producing Red Raspberries in the Willamette Valley \$2.00
EM 8541 Oregon Pesticide Use Estimates for Small Fruits, 1990 \$3.50
FG 14 Strawberries Fertilizer Guide (Western Oregon—West of Cascades)
FG 51 Caneberries Fertilizer Guide
FG 75 South Coastal Oregon Cranberries Fertilizer Guide
FG 78 Blueberries Fertilizer Guide
PNW 176 Commercial Red Raspberry Production \$2.00
PNW 215 Highbush Blueberry Production \$10.00
PNW 247 Cranberry Production in the Pacific Northwest \$7.50
SB 620 Alternate-Year Production of Thornless Evergreen Blackberries: Technical and Economic Feasibility
SB 624 Color and Pigment Analyses in Fruit Products
VTP 002 A Grower's Guide to Pruning Highbush Blueberries videotape (22 min.) \$30.00
WAEB 1388 Small Fruit Pests: Biology, Diagnosis and Management \$4.00

Tree Fruits and Nuts

General

- EC 773 Growing Prunes \$1.50
EM 8553 Oregon Pesticide Use Estimates for Tree Fruits, 1991 \$3.50
FS 60 Care of Physically Injured Fruit and Nut Trees
FS 118 Leaf Analysis of Nutrient Disorders in Tree Fruits and Small Fruits
PNW 121 Nutrient Disorders in Tree Fruits \$1.00
PNW 154 Meadow Mouse (Vole) Control in Tree Fruit Orchards 25¢
PNW 174 Orchard Spraying in the Pacific Northwest \$2.00
PNW 221 Cold Resistance of Stone Fruit Flower Buds 50¢
PNW 282 Bee Pollination of Tree Fruits \$2.00
PNW 313 Managing Orchard Floor Vegetation in the Pacific Northwest 75¢
PNW 332 Evaluating Orchard Performance and Practices from Packout Records 75¢
PNW 414 Growing Young Fruit Trees in Old Orchard Sites 50¢
VTP 001 Budding and Grafting Fruit Trees videotape (35 min.) (includes publication PNW 62) \$40.00

Apples

- EC 1334 Scab-Immune Apple Varieties for New Orchards \$1.00
EM 8566 Orchard Economics: The Costs and Returns of Establishing and Producing Medium Density Braeburn Apples on M7a Rootstock Utilizing a Three Wire Trellis System in the Hood River Valley \$2.75
- FG 23 Apples Fertilizer Guide
PNW 208 Rootstocks for Apple in the Pacific Northwest 25¢
PNW 319 Gala: A New Early-Maturing Apple Variety \$1.00
PNW 402 Training Apple Trees in Commercial Orchards \$1.00
PNW 404 Pruning Apple Trees in Commercial Orchards \$1.00

Cherries

- EC 1409 New Pest Alert: Cherry Bark Tortrix Moth
EM 8479 Orchard Economics: The Costs of Establishing a Sweet Cherry Orchard in Wasco County \$5.00
- FS 57 Sweet Cherry Varieties in Oregon
FS 202 Training and Pruning Sweet Cherry Trees for Mechanical Harvesting

Peaches

- EC 1181 Selecting Peach Varieties for the Willamette Valley 50¢
EC 1236 Training and Pruning Commercial Peach Orchards 50¢

Pears

- EC 986 Pollination and Commercial Varieties of Pear in Oregon 50¢
FG 59 Pears Fertilizer Guide
FS 241 Control of Premature Ripening of Bartlett Pears
PNW 341 Choosing Pear Rootstocks for the Pacific Northwest 25¢
PNW 403 Training Pear Trees in Commercial Orchards \$1.00
PNW 405 Pruning Mature Pear Trees in Commercial Orchards \$1.00

Nuts

- EC 1219 Growing Hazelnuts in Oregon \$1.00
PNW 235 Growing Walnuts in the Pacific Northwest \$1.00

Gardening at Home

(see also Fertilizer, Pests and Pesticides)

- EC 1247 Gardening with Composts, Mulches, and Row Covers 75¢
EC 1438 Selecting, Planting, and Caring for a New Tree \$1.00
EM 8442 The Oregon Master Gardener Handbook (includes 17 chapters on home horticulture and areas such as botany, soils, plant pathology, and entomology) \$12.50
EM 8611 Insect Clinic Sample Submission Form (a fill-the-blank form to accompany samples sent to the OSU Insect Clinic)
FS 220 Collecting and Storing Seeds from Your Garden
FS 225 Producing Transplants at Home
FS 230 Storing Pumpkin and Winter Squash at Home
FS 246 Constructing Coldframes and Hotbeds
FS 270 Raised Bed Gardening
FS 304 Cover Crops for Home Gardens
GROW Growing Your Own (a tabloid offering practical gardening advice on vegetable varieties, planting dates, insect control, soil preparation, container gardening, and more)
PNW 151 Propagating Herbaceous Plants from Cuttings 25¢
PNW 152 Propagating Deciduous and Evergreen Shrubs, Trees, and Vines with Stem Cuttings 50¢
PNW 164 Propagation from Bulbs, Corms, Tubers, Rhizomes, and Tuberous Roots and Stems 50¢
PNW 165 Layering to Renew or Multiply Plants 50¢
PNW 170 Propagating Plants from Seed \$1.00
PNW 171 Building Hobby Greenhouses 50¢
WAEB 1619 Pruning Trees: A Guide for Homeowners \$4.50

Berries and Grapes

- EC 1303 Growing Blackberries in Your Home Garden \$1.00
EC 1304 Growing Blueberries in Your Home Garden 75¢
EC 1305 Growing Grapes in Your Home Garden \$1.50
EC 1306 Growing Raspberries in Your Home Garden \$1.00
EC 1307 Growing Strawberries in Your Home Garden \$1.00
EC 1308 Blueberry Cultivars for Oregon 75¢
EC 1309 Grape Cultivars for Your Home Garden 75¢
EC 1310 Raspberry Cultivars for Oregon
EC 1361 Growing Currants and Gooseberries in Your Home Garden \$1.00

Diseases and Pests

- FS 139 Blossom-end Rot of Tomatoes
FS 242 Discourage Plant Diseases in Your Home Garden
FS 277 Slugs

Flowers, Shrubs, and Ornamentals

- EC 1440 Deer-resistant Ornamental Plants 75¢
EC 1455 Selecting and Maintaining Water-Efficient Landscape Plants 75¢
FS 1 Preparing Winter Storage for Fuchsias, Geraniums, and
Tuberous Plants
FS 12 Azalea and Rhododendron Care and Culture
FS 95 Dahlia Culture
FS 103 Fertilizing Shade and Ornamental Trees
FS 154 Preserving Cut Holly
FS 162 Care and Handling of Poinsettias

Home Orchards

- EC 631 Controlling Diseases and Insects in Home Orchards 75¢
EC 819 Growing Tree Fruits and Nuts in the Home Orchard \$1.75
EC 1005 Pruning to Restore an Old, Neglected Apple Tree \$1.00
FS 147 Picking and Storing Apples and Pears
PNW 400 Training and Pruning Your Home Orchard \$1.00

Household Pests

- EC 627 Controlling Carpenter Ants
PNW 326 Preventing and Controlling Powderpost Beetles In and Around
the Home 50¢

Lawns

- EC 966 Establishing Lawns by Sodding
EC 1018 Removing Thatch and Aerating Lawns
EC 1021 Establishing New Lawns by Seeding
EC 1278 Fertilizing Home Lawns 50¢
FS 55 Controlling Moss in Lawns
PNW 240 Construction and Maintenance of Natural Grass Athletic
Fields \$2.25
PNW 299 Turfgrass Seeding Recommendations for the Pacific
Northwest 75¢

Vegetables

- EC 797 Grow Your Own Rhubarb 50¢
EC 871 Planning a Home or Farm Vegetable Garden 75¢
EC 876 Grow Your Own Cabbage
EC 886 Grow Your Own Green Beans
EC 1004 Grow Your Own Potatoes \$1.00
EC 1226 Grow Your Own Cucumbers

- EC 1227 Grow Your Own Peppers 50¢
- EC 1228 Planning and Preparing Your Vegetable Garden Site 50¢
- EC 1231 Grow Your Own Beets, Carrots, Radishes, Onions, and Similar Crops 50¢
- EC 1260 Grow Your Own Sweet Corn 75¢
- EC 1268 Grow Your Own Lettuce, Spinach, and Swiss Chard 50¢
- EC 1333 Grow Your Own Tomatoes 50¢
- EC 1358 Grow Your Own Vegetable Sprouts 50¢
- FS 138 Garlic for the Home Garden
- FS 230 Storing Pumpkin and Winter Squash at Home

Health and Safety

Agriculture

(see also Irrigation)

- EC 1340 Why Do Septic Systems Fail?
- EC 1341 Septic Tank-Soil Absorption Systems 50¢
- EC 1342 Holding Tanks
- EC 1343 Septic Tank Maintenance
- EM 8406 Pesticides in Groundwater in the United States of America \$5.50
- EM 8559 How Soil Properties Affect Groundwater Vulnerability to Pesticide Contamination 50¢
- PNW 228 Safe Chain Saw Operation 50¢
- PNW 278 First Aid for Pesticide Poisoning 50¢
- VTP 004 Tripod Orchard Ladder Safety videotape (20 min.) (includes both English and Spanish versions) \$19.75

Food and Water

- EC 1426 The State of Water in Oregon 50¢
- EC 1431 Safe Water Practices in the Back Country: Avoiding Giardiasis and Cryptosporidiosis

Housing

(see also Energy)

- EC 1174 How to Prevent and Remove Mildew in the Home \$1.00
- EC 1271 Care and Maintenance of Wood Shingle and Shake Roofs 75¢
- VTP 011 A Clean and Healthy Home #1 videotape (21 min.) (includes 5 handouts suitable for reproduction and a workshop guide) \$50.00

Irrigation—Agricultural

EC 1368	Measuring Well Water Levels
EC 1369	Estimating Water Flow Rates 75¢
EM 8530	Oregon Crop Water Use and Irrigation Requirements \$5.00
FG 76	Irrigation Water Quality
PNW 285	Pumping Plant Efficiencies
PNW 286	Offsets for Stationary Sprinkler Systems
PNW 287	Irrigation Runoff Control Strategies
PNW 288	Irrigation Scheduling 50¢
PNW 289	Converting Sprinkler Systems to Lower Pressure
PNW 290	Sizing Irrigation Mainlines and Fittings
PNW 291	Electrical Demand Charges—How to Keep them Low
PNW 292	Extending Electric Motor Life
PNW 293	Irrigation System Walk-Through Inspection Analysis
PNW 323	Conserving Water in Agriculture: Stretching Irrigation Water Supplies
PNW 360	Chemigation in the Pacific Northwest \$1.50

Marketing and Business Management

(see also Community Development)

Agricultural Marketing and Business Management

Economics

CI 703	Field Sanitation Costs for Willamette Valley Grass Seed Producers
EM 8479	Orchard Economics: The Costs of Establishing a Sweet Cherry Orchard in Wasco County \$5.00
EM 8526	Blueberry Economics: The Costs of Establishing and Producing Blueberries in the Willamette Valley \$2.50
EM 8533	Vineyard Economics: The Costs of Establishing and Producing Wine Grapes in the Willamette Valley \$3.00
EM 8534	Red Raspberry Economics: The Costs of Establishing and Producing Red Raspberries in the Willamette Valley \$2.00
EM 8557	Douglas-fir Christmas Tree Economics: The Costs of Establishing and Producing Douglas-fir Christmas Trees in the Willamette Valley \$2.50
PNW 346	The Costs of Owning and Operating Farm Machinery in the Pacific Northwest \$3.00
SB 679	The Effect of Taxes and Social Programs on Competitiveness in International Agriculture: A Case Study of the Wheat Industry

Management

- EM 8515 Agricultural Labor Information: Oregon Workers' Compensation Insurance
- EM 8516 Agricultural Labor Information: Federal Unemployment Tax (FUTA)
- EM 8517 Agricultural Labor Information: Oregon Unemployment Tax
- EM 8518 Agricultural Labor Information: Federal Income Tax Withholding
- EM 8519 Agricultural Labor Information: Oregon Income Tax Withholding
- EM 8520 Agricultural Labor Information: Social Security Tax
- EM 8521 Agricultural Labor Information: Self-Employment Tax
- EM 8522 Agricultural Labor Information: Intrastate/Interstate Clearance System
- EM 8523 Agricultural Labor Information: Form I-9, Employment Eligibility Verification
- EM 8524 Agricultural Labor Information: H2A Program Clearance Orders
- EM 8525 Agricultural Labor Information: Work-Day Report, ESA-92
- SB 678 Whole Farm Case Studies of Horticultural Crop Producers in the Maritime Pacific Northwest
- WREP 99 Selection and Implementation of a Farm Record System 75¢
- WREP 104 Financial Analysis of Proposed Farm Adjustments with a Partial Budget \$1.00
- WREP 107 Introduction to Database Management Systems for Agricultural Record Keeping \$1.00
- WREP 108 Selecting a Database Management System for Agricultural Record Keeping 75¢
- WREP 120 GRASSFAT Computer Software (allows users to develop and customize a partial budget for pasturing yearlings) \$25.00
- WREP 121 CALFWNTR Computer Software (allows users to develop and customize a partial budget for backgrounding calves in a feedlot) \$25.00
- WREP 122 FEEDLOT Computer Software (allows users to develop and customize a partial budget for retaining yearlings through a feedlot) \$25.00

Marketing

- PNW 201 Farmer-to-Consumer Marketing #1: An Overview 50¢
- PNW 202 Farmer-to-Consumer Marketing #2: Production and Marketing Costs 50¢
- PNW 203 Farmer-to-Consumer Marketing #3: Merchandising, Pricing, and Promotional Strategies 50¢
- PNW 204 Farmer-to-Consumer Marketing #4: Place of Business and Product Quality 50¢
- PNW 205 Farmer-to-Consumer Marketing #5: Personnel Management 50¢
- PNW 206 Farmer-to-Consumer Marketing #6: Financial Management 50¢
- PNW 241 Developing a Marketing Plan for Fresh Produce 75¢

Forestry Marketing and Business Management

Kinds of Assistance

- EC 1119 Cost Sharing and Woodland Management 75¢
- EC 1120 Technical Assistance in Forestry 75¢
- EC 1154 Educational Assistance for Woodland Owners 75¢
- EC 1155 Glossary of Woodland Words \$2.00

Management

- EC 1125 Management Planning for Woodland Owners: Why and How \$1.00
- EC 1126 Management Planning for Woodland Owners: An Example \$1.50
- EC 1136 Forest Property Taxation in Western Oregon \$1.00
- EC 1146 Forestry Financial Analysis I: An Introduction for Landowners \$1.00
- EC 1147 Forestry Financial Analysis II: Worksheets for How-to-Do-It \$4.50
- EC 1148 Forestry Financial Analysis III: How to Compare Two (or More) Investments \$4.00
- EC 1150 Forest Property Taxation in Eastern Oregon \$1.00
- EC 1151 Oregon's Forest Products Harvest Tax 75¢
- EC 1187 Record Keeping: A How-To-Do-It Guide for Small Woodland Owners \$1.50
- EC 1192 Contracts for Woodland Owners and Christmas Tree Growers \$2.00
- EC 1194 Oregon's Forest Practice Rules \$2.00
- EC 1253 An Introduction to Forest Protection \$1.25
- EC 1276 Financing Forestry in the Pacific Northwest \$2.00

Marketing

- EC 1141 Log Exports and the Nonindustrial Private Forest Owner: An Overview of Operations and Markets \$1.00
- EC 1377 Marketing Alder and Other Hardwoods \$1.50
- EC 1384 Selling Timber and Logs: Seven Steps to Success \$2.50
- EC 1442 Financial Considerations in Deciding When to Harvest Timber 50¢

Measurement

- EC 1127 Measuring Timber Products Harvested From Your Woodland \$2.00
- EC 1128 Estimating Site Productivity on Your Woodland \$1.00
- EC 1129 Tools for Measuring Your Forest \$1.25
- EC 1190 Stand Volume and Growth: Getting the Numbers \$1.75
- PNW 31 Measuring Trees 75¢

Marine Marketing and Business Management

- EM 8278 The Port of Beaver: A Case Study of Port Management \$2.50
EM 8395 Your Port and the Local Economy \$1.50
EM 8399 Your Port and Economic Growth \$1.50
EM 8409 Your Port: Activities, Finance, and Governance \$2.00
SG 79 Parasites in Marine Fishes: Questions and Answers for Seafood Retailers

Small Business/Home-Based Business

- EC 1222 Managing a New Business: A Beginner's Guide to Financial Concepts and Tools \$1.25
FS 323 Considerations When Selecting an Organizational Structure for Your Business

Natural Resources Management

(see also Forest Production and Processing)

- EC 1407 Understanding Natural Wetlands
EC 1408 Using Constructed Wetlands to Improve Water Quality 75¢
EM 8474 The Columbia River: Its Future and You, Grades 5-8 \$10.00
EM 8475 The Columbia River: Its Future and You, Grades 9-12 \$10.00
EM 8531 A Sustainable Agriculture Resource Guide for Oregon and Washington \$9.00
EM 8536 Directory of Oregon Forest Interest Groups \$11.50
EM 8543 Constructed Wetlands Wastewater Treatment Systems: How Do They Work? \$5.00
VTP 012 The Miracle at Bridge Creek Teleconference videotape (1 hr. 30 min.) (live teleconference and case study described below) \$40.00
VTP 013 The Miracle at Bridge Creek Case Study videotape (30 min.) (a case study of the Oregon Watershed Improvement Coalition (OWIC), a group of representatives of ranching, timber, and environmental and conservation groups who have worked together for about seven years to find constructive ways to solve problems related to the natural world) \$30.00
VTP 019 Healthy Watersheds videotape (20 min.) \$20.00

Ocean

- EM 8330 Sharks: An Inquiry into Behavior, Biology, Fisheries and Use (Conference Proceedings) \$10.00
SG 9 Phytoplankton: Grass of the Sea \$1.00
SG 25 Understanding Tides \$1.75

- SG 69 Seal Pups Rest on Shore Poster
 SG 85 Choosing and Buying Residential Property in the Coastal Zone \$1.00

Pests and Pesticides—Farm and Forest

(see also Irrigation)

- EM 8507 Oregon Pesticide Use Estimates for 1987 \$4.50
 EM 8541 Oregon Pesticide Use Estimates for Small Fruits, 1990 \$3.50
 EM 8553 Oregon Pesticide Use Estimates for Tree Fruits, 1991 \$3.50
 EM 8568 Oregon Pesticide Use Estimates for Specialty Crops and Seed Crops, 1992 \$8.00
- INSECT Pacific Northwest Insect Control Handbook (revised edition available March 1 each year) \$19.50
- PLANT Pacific Northwest Plant Disease Control Handbook (revised edition available March 1 each year) \$19.50
- VTP 006 Endangered Species and Pesticides: Balancing Protection and Production videotape (13 min.) \$23.00
- WEED Pacific Northwest Weed Control Handbook (revised edition available March 1 each year) \$19.50

Animal—Pests and Predators

- EC 987 Controlling Moles 75¢
 EC 1117 Controlling Pocket Gopher Damage to Agricultural Crops \$1.50
 EC 1255 Controlling Pocket Gopher Damage to Conifer Seedlings \$1.50
 EC 1429 Controlling Ground Squirrel Damage to Forages and Field Crops, Ditches, and Dams 50¢
 EC 1440 Deer-resistant Ornamental Plants 75¢
 PNW 225 Building an Electric Antipredator Fence 50¢

Insects

(see also Field Crops, Fruit Growing—Commercial, Gardening at Home, Vegetable Growing—Commercial)

- EC 627 Controlling Carpenter Ants
 EC 631 Controlling Diseases and Insects in Home Orchards 75¢
 EC 1373 Biology and Control of Douglas-fir Needle Midge in Christmas Trees 50¢
 EC 1409 New Pest Alert: Cherry Bark Tortrix Moth
 EC 1444 Aphid and Adelgid Pests of Conifers in Oregon 75¢
 EM 8611 Insect Clinic Sample Submission Form (a fill-the-blank form to accompany samples sent to the OSU Insect Clinic)
- INSECT Pacific Northwest Insect Control Handbook (revised edition available March 1 each year) \$19.50
- PNW 182 A Guide to Peppermint Insect and Mite Identification and Management \$5.00

- PNW 322 Mint Root Borer in the Pacific Northwest \$1.25
 PNW 326 Preventing and Controlling Powderpost Beetles In and Around the Home 50¢
 PNW 343 Beneficial Organisms Associated with Pacific Northwest Crops \$1.00
 PNW 371 Russian Wheat Aphid: Biology, Damage, and Management \$4.00
 SB 674 Laboratory Feeding Tests on the Development of Gypsy Moth Larvae with Reference to Plant Taxa and Allelochemicals
 TB 134 The Distribution and Biology of the Oregon Trichoptera
 WAEB 1388 Small Fruit Pests: Biology, Diagnosis and Management \$4.00

Pesticide Training Materials

- CORN ANIM Pesticide Applicator Training Manual/Animal \$5.00
 CORN FOOD Pesticide Applicator Training Manual/Food Processing \$6.00
 CORN FUMI Pesticide Applicator Training Manual: Category Industrial, Institutional, Structural and Health; Subcategory Fumigation \$10.00
 CORN SEED Pesticide Applicators Training Manual/Seed Treatment \$7.00
 CORN STRU Pesticide Applicators Training Manual/Structural and Rodent \$8.00
 EM 8403 Wood Preservation and Wood Products Treatment Training Manual \$1.50
 EM 8532 Oregon Pesticide Applicator Manual: A Guide to the Safe Use and Handling of Pesticides \$14.50
 EM 8552-S Guia Ilustrada Para El Uso Seguro de Pesticidas (An Illustrated Guide to Pesticide Safety)
 FS 315 How to Avoid Chemical Trespass When Applying Pesticides
 WAEB 669 Weed Control on Rights-of-Way \$1.50
 WAMIS 0134 Aquatic Pest Control: A Study Manual for Certification in Aquatic Pest Control \$5.00
 WOOD APPL Wood Preservation Applicators Manual \$5.00

Plant Diseases

(see also **Field Crops, Gardening at Home, Vegetable Growing—Commercial**)

- EC 1423 Combatting Take-all of Winter Wheat in Western Oregon 75¢
 FS 242 Discourage Plant Diseases in Your Home Garden
 PLANT Pacific Northwest Plant Disease Control Handbook (revised edition available March 1 each year) \$19.50
 PNW 358 Bean Common Mosaic Virus 75¢
 PNW 387 Powdery Scab of Potato 50¢
 SB 623 Bibliography of Nematode Interactions with Other Organisms in Plant Disease Complexes

Weeds

EC 1419	Noxious Weeds May Be Pretty, But They Threaten Your Environment
IDCI 855	Creeping Bellflower 50¢
IDCI 877	Leafy Spurge Biology and Management 45¢
IDEXT 716	Tansy Ragwort Biology and Eradication
IDEXT 719	Field Bindweed Biology and Management 75¢
PNW 103	Scotch Broom 50¢
PNW 104	Death Camas
PNW 105	Field Horsetail and Related Species 50¢
PNW 108	Poison Oak and Poison Ivy 50¢
PNW 109	Western Waterhemlock 25¢
PNW 133	Puncturevine 50¢
PNW 135	Yellow Toadflax and Dalmatian Toadflax \$1.00
PNW 175	Tansy Ragwort \$1.00
PNW 210	Pasture Management for Control of Tansy Ragwort
PNW 224	Aquatic Vegetation Management and Control 50¢
PNW 255	Tank-Mixing Herbicides 25¢
PNW 256	Jointed Goatgrass
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WAEB 1551	Chemical Control for Woody Plants, Stumps and Trees \$1.00
WEED	Pacific Northwest Weed Control Handbook (revised edition available March 1 each year) \$19.50
WEST	Weeds of the West \$21.50

Policy Issues

(see also **Community Development**)

- EC 1200 Forestry Issues and Public Policy: An Action Guide for Woodland Owners \$2.00
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- SB 644 Medusahead (*Taeniatherum asperum Nevski*): A Review and Annotated Bibliography
- SB 669 The Ecology and Management of Bluebunch Wheatgrass (*Agropyron spicatum*): A Review
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Recreation and Tourism

- EB 785 Ferns to Know in Oregon 50¢
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- SG 28 Oregon's Captivating Clams 75¢
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- SG 51 Enjoy the Beaches in Safety
 SG 53 Watching Whales
 SG 76 How to Identify a Soft-Shell Crab
 SG 84 Yaquina Bay Estuary Public Access Guide \$1.00
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Soils and Water

(see also Irrigation)

- EC 628 How to Take A Soil Sample...and Why
 EC 1374 Rural Domestic Water Supply 50¢
 EC 1410 Putting Sludge to Good Use
 EC 1431 Safe Water Practices in the Back Country: Avoiding Giardiasis and Cryptosporidiosis
 EM 8406 Pesticides in Groundwater in the United States of America \$5.50
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 EM 8561 Understanding Pesticide Persistence and Mobility for Groundwater and Surface Water Protection \$1.00
 FS 281 Manure Management Practices to Reduce Water Pollution
 MANUAL 6 Manual for Judging Oregon Soils \$7.50
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 PNW 283 Fertilizer Band Location For Cereal Root Access 50¢
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 PNW 354 Agronomic Zones for the Dryland Pacific Northwest \$1.25
 PNW 475 Soil Water Monitoring and Measurement \$1.00
 SB 629 Capillary Flow in Agricultural Drainage
 SB 675 Long-term Management Effects on Soil Productivity and Crop Yield in Semi-Arid Regions of Eastern Oregon

Vegetable Growing—Commercial

(see also Pests and Pesticides)

- PNW 277 Onion Storage: Guidelines for Commercial Growers 75¢
 PNW 358 Bean Common Mosaic Virus 75¢

Vegetable Seed Crops

- PNW 433 Onion and Leek Seed Production \$1.00

Wines and Winemaking

- EM 8270 The Oregon Wine Industry: Considerations for Developing a Marketing Plan \$1.75
- EM 8533 Vineyard Economics: The Costs of Establishing and Producing Wine Grapes in the Willamette Valley \$3.00

Spanish Language Materials

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- PNW 395-S Recetas para el Envasado de Salsas (Salsa Recipes for Canning)
- WREP 112 Envasado de Tomates y Productos con Tomate (Canning Tomatoes and Tomato Products)
- WREP 113 Envasado de Hortalizas (Canning Vegetables)
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Computer Software

Programs written for IBM or IBM-compatible personal computers.

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Videotape Programs

All tapes available in VHS format.

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