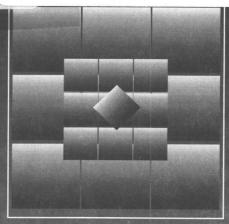
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1 9 9 0 PUBLICATIONS L I S T

OREGON STATE UNIVERSITY
EXTENSION SERVICE AND THE
OREGON AGRICULTURAL
EXPERIMENT STATION
EM 8289

Here's what you need to know

This catalog lists publications and computer software programs available from the Oregon State University Extension Service and the Agricultural Experiment Station.

Extension publications are written in a popular style for a general interest audience and have various series number designations. Several designations of interest include FG for fertilizer recommendations; PNW for publications produced in Oregon, Washington, or Idaho with tri-state recommendations; and WREP for publications produced in one of the 13 western states.

Extension publications are listed by subject throughout the catalog. Many are available for sale only. Many of our publications are under constant revision. Instead of building a reference collection, we encourage you to obtain the publications when you need them.

The OSU Extension Service offers a variety of activities and materials for the 4-H youth audience that are not included in this catalog. For information on activities in your county, visit with your local county office of the OSU Extension Service. See the inside back cover for the addresses and telephone numbers.

Agricultural Experiment Station publications, designated CI, SB and TB, report research results and are written for a more technical audience than Extension publications. Experiment Station publications are listed by subject throughout this catalog (the TB series grouped on page 36 is intended for people who want in depth, technical information). Single copies of these publications are available at no charge.

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Informational Brochures

AES Oregon Agricultural Experiment Station (explains the purpose and organization of the Oregon Agricultural Experiment Station)

EM 8228 A User's Guide to the OSU Extension Service (explains how Oregon State University extends its information)

EM 8271 OSU Extension Service Energy Program (explains how the Energy Program helps Oregonians save energy)

Agriculture

Oregon's Agricultural Industry

EC 917 Farming and Ranching in Oregon: A picture of diversity EC 1233 Oregon Agricultural Commodities: Farm Values and Processed Values

Agricultural Health and Safety

EC 732 Protecting Family and Livestock from Nuclear Fallout

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EC 807 Noise Pollution

EC 1158 Residential, Commercial, Industrial, Recreational and Governmental Pest-Control Operations

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PNW 278 First Aid For Pesticide Poisoning 50¢

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WRAES 16 Preventing Inner Ear Damage from Agricultural Noise

WRAES 22 Farm/Home Workshop Safety Check

WRAES 33 Work-Related Skin Problems

WRAES 45 Safe Handling and Use of Aqua Ammonia

WRAES 58 Step Ladder Safety/Straight Ladder Safety WRAES 63 Hand Lifting

WRAES 64 Hand Signals for Agriculture

WRAES 66 Chain Saw Safety
WRAES 67 Safe Installation of CB Base Station Antennas
WRAES 69 Extension Ladder Safety

WRAES 91 Electrical Wiring Safety for Irrigation Systems

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CA L21318 Protecting Your Dog From Disease Caused By Eating Raw Fish 25¢

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EC 1046 Poisonous Plants and Range Management Alternatives

EC 1052 The California Mastitis Test 25¢

EC 1053 Understanding Calf Scours

EC 1060 Cattle Vaccines—Which to Use?

EC 1065 What You Should Know About Anaplasmosis

FS 107 Vibriosis in Range Cattle

FS 108 Nitrates in Cattle Feeding

FS 221 Infectious Abortions in Cattle

FS 234 Feeding Grass Straws to Cattle and Horses

FS 248 Acute Emphysema of Cattle

FS 303 Preventing Selenium Deficiency in Livestock

FS 306 Detecting and Controlling Trichomoniasis in Beef and Dairy Cattle PNW 157 White Muscle and Other Selenium-Responsive

Diseases of Livestock 25¢

SB 641 Chromic Oxide in Range Nutrition Studies SB 665 Winter Nutrition of Fall-Calving Cows and Calves

WREP 39 By-Products and Unusual Feedstuffs in Livestock Rations \$2.25

Animal Pests and Predators

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EC 910 Predator Control: History and Policies

EC 913 Deterrents to Predators of Livestock

EC 914 The Impact of Coyotes on Wildlife

EC 916 Fencing Against Coyotes 25¢

EC 987 Mole Control 25¢

EC 1078 Controlling Ground Squirrel Damage to Field Crops, Ditches, and Dams 25¢

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 EC 1117 Controlling Pocket Gopher Damage to Agricultural Crops 25¢
 EC 1123 Endangered and Threatened Species: The What, Where,

and Why 50¢
FS 182 Poisoning Meadow Mice

KS 44 The M-44 In Coyote Damage Control \$2.25

PNW 225 Building an Electric Antipredator Fence 50¢

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CI 688 Production and Marketing Strategies for Oregon High Desert Rangeland Cattle Producers 1968-1978

EB 831 The Oregon Carcass of Merit Program 75¢

EC 752 Evaluation and Judging of Beef Cattle EC 934 Feeding Beef Cattle During Periods of Feed Shortages

EC 935 Creep Feeding and Early Weaning of Beef Calves

EC 951 How to Select, Grow, and Manage Replacement Heifers

EC 1033 Beef Production for Small Farms 50¢

EC 1035 Growing Out Young Bulls

EC 1051 Synchronizing Estrus in Beef Cows

EC 1061 Nitrate Poisoning in Beef Cattle

EC 1062 Urinary Calculi in Beef Cattle

EC 1063 Bloat Prevention and Treatment in Beef

EC 1064 Grass Tetany in Beef Cattle EC 1066 Shrinkage in Beef Cattle

EC 1067 Breeding Soundness of Bulls

EC 1068 The A.I. Program for Beef

EC 1069 Infectious Respiratory Diseases in Beef

EC 1070 Preconditioning of Calves

EC 1071 Beef Implants and Feed Additives
EC 1072 Reproductive Tract Anatomy and Physiology of the
Cow

EC 1073 Care and Management of Calves at Weaning

EC 1074 How to Handle Calving Difficulties

EC 1075 Beef Ration Balancing-The Ins and Outs

EC 1210 Using Forage Analysis to Formulate Winter Rations for Beef Cattle in Mid-Columbia Counties 25¢

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EM 8322 A Management Calendar for Spring Calving

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PNW 173 Freeze Marking Farm Animals 25¢

SB 616 Some Effects of Diethylstilbestrol on Sexual Maturation and Growth of Male Calves

SB 625 Stockwater's Effect on Cattle Performance on the High Desert

STOCK FEED Stocker-Feeder Management Guide (a collection of materials in a 3-ring binder with preprinted chapter dividers) \$35.00 plus \$3.00 shipping and handling on single-copy orders

WREP 100 A Modified Basis Contract for Feeder Cattle 50¢

WREP 101 Basis Contracting for Livestock 50¢

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FS 311 Controlling Nosema Disease in Honey Bees

PNW 79 Beekeeping \$1.00

PNW 155 Alkali Bees: Their Biology and Management for Alfalfa Seed Production in the Pacific Northwest 50¢

PNW 198 Honey Bee Diseases and Their Control 25¢

PNW 245 Evaluating Honey Bee Colonies for Pollination—A Guide for Growers and Beekeepers 25¢

SB 598 Artificial Beds for Alkali Bee Propagation

SB 630 Chalk Brood Disease in the Leafcutting Bee

SB 636 A Natural Light Sapyga and Parasite Emergence Trap in Leafcutting Bee Management (Megachile rotundata)

SB 653 Etiology and Epizootiology of Chalkbrood in the Leafcutting Bee, Megachile rotundata (Fabricius), with Notes on Ascosphaera Species

SB 656 Inhibition of Chalkbrood Spore Germination In Vitro (Ascosphaera aggregata: Ascosphaerales)

SP001 Biology and External Morphology of Bees \$2.50

WRAES 26 Constructing Beehives

WREP 15 How to Reduce Bee Poisoning from Pesticides 50¢

WREP 32 Parasites, Predators, and Nest Destroyers of the Alfalfa Leafcutting Bee, Megachile rotundata 75¢

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EC 1076 Planning Farm Buildings 50¢

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ND AE-701 Grain Drying 25¢

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WRAES 15 Managing Dairy Waste Holding Ponds

WRAES 89 Herringbone A.I. Breeding Chute

WRAES 98 Cattle Trap

WRAES 102 Hobby Greenhouse Design Notes

WRAES 105 Small Tractor Comparisons

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EM 8307 ALFACHAR Computer Software (allows the user to define selection criteria relating to brand, year of release, winter hardiness, disease resistance, and insect resistance from a database of about 400 varieties of alfalfa) \$25.00 plus \$3.00 shipping and handling on single-copy orders

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EM 8398 New Crops for Oregon: Rapeseed 50¢

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CI 698 White Wheat Marketing Margins Between the Pacific Northwest and Japan

EB 806 Fertilizer Recommendations for Wheat in the Columbia Basin of Oregon

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EC 754 Casbon Barley for Oregon's Willamette Valley

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EC 1244 Oregon Cereal Variety Profile-Flora-A Winter Triticale

EC 1251 Oregon Cereal Profile-Malcolm: A Soft White Winter

EC 1264 Oregon Cereal Variety Profile: Oveson-A Soft White Winter Wheat

FG 8 Spring Grains (Western Oregon—West of Cascades)
FG 9 Winter Wheat (Western Oregon - West of Cascades)

FG 37 Irrigated Spring-Planted Small Grains Mineral Soils (Eastern Oregon-East of Cascades)

FG 40 Irrigated Semi-Dwarf Wheat (Eastern Oregon-East of Cascades)

FG 54 Winter Wheat (Non-Irrigated—Columbia Plateau)

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FG 71 Field Com (Eastern Oregon—East of Cascades)

FS 250 Take-All Root Rot of Winter Wheat

FS 269 Growing Winter Wheat on Poorly Drained Soil

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PNW 331 Triticale 25¢

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SB 668 Contribution of the Oregon Wheat Industry to Oregon's **Economy**

SB 670 Intensively Managed Irrigated Hard Red Winter Wheat Production

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CI 644 "Sick" Alfalfa

CI 694 Alfalfa Production Practices and Variety Performance in Southern Oregon

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FG 4 Subclover-Grass Pastures, Western Oregon (Excepting Coos, Curry, Jackson, Josephine Counties)

FG 10 Field Corn (Western Oregon—West of Cascades)
FG 17 Red Clover (Western Oregon—West of Cascades)

FG 18 Alfalfa (Willamette Valley and Northwest Oregon)

FG 20 Alfalfa (Eastern Oregon-East of Cascades)

FG 21 Irrigated Clover-Grass Pastures (Eastern Oregon-East of Cascades)

FG 36 Tall Fescue (Western Oregon-West of Cascades)

FG 38 Irrigated Pastures (Central Oregon)

FG 58 Irrigated Clover-Grass Pastures (Southwest Oregon)

FG 60 Alfalfa (Southwest Oregon)
FG 63 Subclover-Grass Pastures Western Oregon (Coos, Curry, Jackson, Josephine Counties)

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SB 635 Irrigated Pastures for Range Livestock

SB 649 The Influence of Seeding Rates on Yield and Stand of Alfalfa in Oregon's Willamette Valley

SB 651 The Influence of Seeding Rates on Quality of Alfalfa in Oregon's Willamette Valley

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

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in Oregon's Willamette Valley

CI 693 Production of Subterranean Clover Seed in Western Oregon

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EC 851 Life History and Control of Sod Webworms in Grass Seed Production

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- FG 45 Orchard Grass Seed (Western Oregon—West of Cascades)
- FG 46 Perennial Ryegrass Seed (Western Oregon—West of Cascades)
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- WAEB 1309 Wheat Seed Quality 25¢
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Dairy

- CI 639 An Economic Analysis of Alternative Milk Production Systems: Oregon Milk Marketing Area One 1971
- CI 651 The Influence of Feed Costs and Milk Price on Forage Production on Coastal Dairy Farms
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- FS 195 Minerals for Dairy Cows

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FS 310 Selecting and Culling Dairy Cattle

NCREP 267 Coliform-Infected Dairy Cows

NCREP 275 Mastitis Control Program for Strep. Ag.-Infected Dairy Cows

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WREP 67 Evaluating Dairy Herd Reproductive Status Using DHI Records 50¢

WREP 70 Routine Fertility Examinations as Part of a Reproductive Dairy Herd Health Program 75¢

WREP 110 Understanding the Basics of Managing Dairy Labor 25¢

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EC 1094 Calculating the Fertilizer Value of Manure From Livestock Operations 75¢ FG 00 Complete Set of Fertilizer Guides (a collection of more

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\$2.50

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FG 74 A List of Analytical Laboratories Serving Oregon

PNW 239 How to Calculate Manure Application Rates in the Pacific Northwest 25¢

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CI 629 The Chemical and Preservative Properties of Sulfur Dioxide Solution for Brining Fruit

CI 632 Procedure for Secondary Bleaching Brined Cherries with Sodium Chlorite

FS 176 Procedures for Sanitation in Retail Frozen Desserts

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EC 871 Planning a Home or Farm Vegetable Garden 75¢

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FS 220 Collecting and Storing Seeds from Your Garden

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FS 246 Constructing Coldframes and Hotbeds

FS 270 Raised Bed Gardening

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PNW 151 Propagating Herbaceous Plants from Cuttings 25¢ PNW 152 Propagating Deciduous and Evergreen Shrubs, Trees and Vines with Stem Cuttings 25¢

PNW 164 Propagation from Bulbs, Corms, Tubers, Rhizomes and Tuberous Roots and Stems 25¢

PNW 165 Layering to Renew or Multiply Plants 25¢

PNW 170 Propagating Plants from Seed 50¢

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EC 1304 Growing Blueberries in Your Home Garden 50¢

EC 1305 Growing Grapes in Your Home Garden \$1.50

EC 1306 Growing Raspberries in Your Home Garden 75¢

EC 1307 Growing Strawberries in Your Home Garden 75¢

EC 1308 Blueberry Cultivars for Oregon 75¢

EC 1309 Grape Cultivars For Your Home Garden 75¢

EC 1310 Raspberry Cultivars for Oregon

Diseases and Pests

EC 845 Biology and Control of the Garden Symphylan

FS 139 Blossom-End Rot of Tomatoes

FS 242 Discourage Plant Diseases in Your Home Garden

FS 277 How to Control Slugs

FS 286 How to Control Cabbage Maggots in Your Vegetable Garden

Flowers and Shrubs

FS 1 Preparing Winter Storage for Fuchsias, Geraniums and Tuberous Plants

FS 12 Azalea and Rhododendron Care and Culture

FS 95 Dahlia Culture

FS 154 Preserving Cut Holly

FS 162 Care and Handling of Poinsettias

PNW 185 Plant Materials for Landscaping 50¢

Vegetables

EC 797 Growing Rhubarb in Oregon 25¢

EC 876 Grow Your Own Cabbage

EC 886 Grow Your Own Green Beans

EC 1004 Growing Potatoes in the Home Garden 25¢

EC 1226 Grow Your Own Cucumbers

EC 1227 Grow Your Own Peppers 25¢

EC 1231 Grow Your Own Beets, Carrots, Radishes, and Other Root Crops 25¢

EC 1260 Grow Your Own Sweet Corn 50¢

EC 1268 Grow Your Own Lettuce, Spinach, and Swiss Chard 50¢

EC 1333 Grow Your Own Tomatoes 25¢ FS 53 Tomatoes in the Garden

FS 138 Garlic for the Garden

Horticulture (see also Crops, Gardening, Wines and Winemaking)

EC 1258 Living Mulch Options for Precision Management of Horticultural Crops 50¢

Christmas Trees

PNW 6 Growing Christmas Trees in the Pacific Northwest 75¢ PNW 219 Managing Weeds and Vegetation in Christmas Trees 50¢

PNW 226 Developing High Quality True Fir Christmas Trees 75¢

PNW 227 Developing Sheared Douglas-fir Christmas Trees \$1.00

WAEB 735 Recognition and Management of Christmas Tree Pests 75¢

WAEB 1479 Conversion of Christmas Tree Lands to Timber Stands \$1.00

Small Fruits (see also Gardening)

CI 615 The Raspberry Crown Borer...and Its Control

CI 655 Progress Report of Table Grapes in the Northern Willamette Valley

EC 953 Improving Bee Pollination of Commercial Caneberries 25¢

EC 1168 Strawberry Production, Returns, and Costs in Oregon and Washington 75¢

EC 1175 The Strawberry Crown Moth 50¢

EC 1203 Controlling Root Weevils in Commercial Strawberries, Caneberries, and Blueberries 50¢

FG 14 Strawberries in Western Oregon (West of the Cascades)

FG 48 Loganberries, Boysenberries and Marion Blackberries FG 49 Red Raspberries (Western Oregon—West of Cascades)

FG 50 Black Raspberries (Blackcaps) (Western Oregon—West of Cascades)

FG 51 Thornless Evergreen Blackberries (Western Oregon—West of Cascades)

PNW 176 Commercial Red Raspberry Production \$1.50

PNW 215 Highbush Blueberry Production \$1.00

PNW 220 Controlling Damage of Vertebrate Pests to Grapes 25¢

PNW 247 Cranberry Production in the Pacific Northwest \$7.50 SB 620 Alternate-Year Production of Thornless Evergreen

SB 620 Alternate-Year Production of Thornless Evergreen Blackberries: Technical and Economic Feasibility

SB 624 Color and Pigment Analyses in Fruit Products

WAEB 1388 Small Fruit Pests: Biology, Diagnosis and Management \$3.00

Tree Fruits and Nuts (see also Gardening)

CI 650 Liming for Filbert Production in Western Oregon

CI 660 Integrated Control of Pear Psylla in Oregon's Hood River Valley

CI 684 Rain Beetle Grub Control in Orchards of the Mid-Columbia, Oregon, Area: Summary of 1974-75 Fumigation Tests

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EC 631 Controlling Diseases and Insects in Home Orchards

EC 646 Control of Walnut Blight in Oregon

EC 647 Shell Perforation and Poor Sealing of Walnuts EC 650 Apple Bud Development

EC 677 Spray Guide for Apples and Pears in the Willamette Valley \$1.00

EC 733 Pruning the Home Orchard 25¢

EC 773 Growing Prunes 25¢

EC 819 Growing Tree Fruits and Nuts in the Home Orchard 50¢

EC 986 Pollination and Fruit Set of Pear 25¢

EC 1005 Pruning to Restore an Old, Neglected Apple Tree 50¢

EC 1087 Pollination and Fruit Set of Apple 25¢

EC 1173 Filbert and Walnut Production, Returns, and Costs in Oregon and Washington 75¢

EC 1181 Selecting Peach Varieties for the Willamette Valley 50¢

EC 1219 Growing Hazelnuts in Oregon \$1.00

EC 1236 Training and Pruning Commercial Peach Orchards 50¢

FG 23 Apples

FG 25 Sweet Cherries (Oregon)

FG 53 Peaches (Oregon)

FS 57 Sweet Cherry Varieties and Pollinizers for Oregon

FS 60 Care of Physically Injured Fruit and Nut Trees

FS 118 Using Leaf Analysis to Diagnose Nutrient Disorders in Tree Fruits and Small Fruits

FS 132 Mechanical Harvesting of Prunes in Oregon

FS 147 When to Pick Apples and Pears FS 166 Sweet Cherry Mechanical Harvesters in Oregon

FS 168 Controlling Walnut Husk Flies

FS 172 Stone Fruit Pollination FS 202 Training and Pruning Sweet Cherry Trees for Mechanical Harvesting

FS 207 Pruning Sweet Cherry Trees for Hand Harvest

FS 215 Eastern Filbert Blight

FS 238 How to Find Help Identifying Fruit Trees

FS 241 Control of Premature Ripening of Bartlett Pears

FS 271 The Apple Maggot in Oregon PNW 62 Grafting Fruit Trees 50¢

PNW 121 Nutrient Disorders in Tree Fruits 25¢

PNW 154 Meadow Mouse Control in Tree Fruit Orchards 25¢

PNW 156 Training and Pruning Apple and Pear Trees 50¢

PNW 174 Orchard Spraying in the Pacific Northwest \$2.00 PNW 208 Rootstocks for Apple in the Pacific Northwest 25¢

PNW 221 Cold Resistance of Stone Fruit Flower Buds 50¢

PNW 235 Growing Walnuts in the Pacific Northwest 50¢

PNW 282 Bee Pollination of Tree Fruits 75¢

PNW 313 Managing Orchard Floor Vegetation in the Pacific Northwest 75¢

PNW 319 Gala/A New Early-Maturing Apple Variety 25¢

PNW 328 Using Horticultural Spray Oils to Control Orchard Pests 50¢

PNW 332 Evaluating Orchard Performance and Practices from Packout Records 75¢

PNW 341 Choosing Pear Rootstocks for the Pacific Northwest 25¢

SB 632 Phenology and Plant Species Adaptation to Climates of the Western United States

SB 634 Integrated Pest Management of Insects and Mites Attacking Pears in Southern Oregon

Vegetables—Commercial (see also Crops, Gardening)

EC 817 Commercial Onion Production in Oregon 25¢

EC 936 Commercial Greenhouse Vegetable Production 50¢

EC 1172 Snap Bean and Sweet Corn Production, Returns, and Costs in the Pacific Northwest \$1.00

EC 1180 Detecting and Controlling the Corn Earworm in the Willamette Valley 50¢

EM 8300 Enterprise Budgets for Snap Beans, Sweet Corn, Table Beets, and Carrots in the Willamette Valley, 1984 \$1.75

FG 11 Sweet Corn (Western Oregon—West of Cascades)
FG 13 Table Beets (Western Oregon—West of Cascades)

FG 27 Broccoli (Western Oregon—West of Cascades) (Also applicable to Brussels Sprouts, Cabbage and Cauliflower)

FG 28 Bush Beans (Western Oregon—West of Cascades)

FG 29 Carrots (Western Oregon—West of Cascades)

FG 55 Peas (Western Oregon—West of Cascades)

FG 62 Sweet Corn (Eastern Oregon—East of Cascades)

FG 65 Onions—Minerals Soils (Eastern Oregon—East of Cascades)

FG 67 Onions—Muck Soils—Willamette Valley FG 72 Peas (Eastern Oregon—East of Cascades)

FS 82 Halo Blight of Beans

FS 83 Bean Rust

FS 212 Bean Necrosis Disease

FS 222 White Mold and Grey Mold of Snap Beans FS 235 Onion White Rot

FS 239 Controlling Corn Rootworms in Commercial Corn Crops

PENN Identifying Diseases of Vegetables \$8.00

PNW 150 Insects of Peas 50¢

PNW 243 Producing Processing Peas in the Pacific Northwest \$1.00

PNW 277 Onion Storage: Guidelines for Commercial Growers

Ornamentals

EC 751 Pruning Ornamental Trees and Shrubs FS 103 Fertilizing Shade and Ornamental Trees

Insect Identification and Control (see also Gardening)

CA APHID Russian Wheat Aphid: How To Recognize This New Pest and Its Damage

EC 627 Controlling Carpenter Ants

EC 700 Dampwood Termite Control 25¢

EC 713 The Golden Buprestid—A Wood-Boring Beetle 25¢

EC 1079 Sampling for Soil Insect Pests 25¢

EC 1207 Selecting and Monitoring Pheromone Traps in Insect Pest Management 75¢

EC 1262 New Pest Alert: Russian Wheat Aphid

EC 1263 Managing Leafrollers on Caneberries in Oregon \$1.25

EC 1272 Detecting and Contolling Honey Bee Brood Mites (Varroa jacobsoni Oudemans)

EC 1328 Biological Control Agents and Where to Find Them 75¢

FS 129 The Black Widow and Other Spiders FS 163 Alfalfa Weevil Control in Oregon

FS 196 Mint Flea Beetle in Oregon

FS 197 Red-Backed Cutworm in Oregon

FS 243 The Blue Alfalfa Aphid

FS 244 The Strawberry Crown Moth FS 245 The Carrot Rust Fly

INSECT Pacific Northwest Insect Control Handbook (revised annually) \$15.00

PNW 130 How to Recognize Cut Worms, Army Worms, Loopers

PNW 186 Cockroaches: Identification, Biology, and Control 75¢

PNW 322 Mint Root Borer in the Pacific Northwest \$1.25

PNW 326 Preventing and Controlling Powderpost Beetles In and Around the Home 25¢

SB 628 Chemical Control of Terrestrial Slugs and Snails

SB 650 The Oregon State Insect—Oregon Swallowtail Butterfly

SB 674 Laboratory Feeding Tests on the Development of Gypsy Moth Larvae with Reference to Plant Taxa and Allelochemicals

Irrigation

CI 628 Consumptive Use and Net Irrigation Requirements for

EC 1274 Understanding Your Right to Irrigation Water 25¢

PNW 285 Pumping Plant Efficiencies

PNW 286 Offsets for Stationary Sprinkler Systems

PNW 287 Irrigation Runoff Control Strategies

PNW 288 Irrigation Scheduling

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

Lawns

EC 966 Establishing Lawns by Sodding

EC 968 Controlling Weeds in Home Lawns

EC 969 Establishing and Maintaining a Seeded Lawn in Eastern Oregon

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 \$1.50

PNW 299 Turfgrass Seeding Recommendations for the Pacific Northwest 75¢

Marketing and Management (see also Community— Small Business)

Agricultural Economics

- CI 638 Technical and Economic Considerations in Shipping Grass Seed Residue to Japan
- CI 648 Ryegrass Straw Utilization in Paper and Fiberboard Products: An Exploratory Investigation
- CI 662 Corporate Agriculture in Oregon: A Descriptive Analysis
- CI 692 Economics of Producing Ethyl Alcohol from Agricultural Products in Oregon
- CI 700 The Demise of an Agricultural Lender: The Case of the Willamette Production Credit Association
- EM 8327 International Trade and the Oregon Economy 50¢
- EM 8407 Vineyard Economics: The Costs of Establishing and Producing Wine Grapes in the Willamette Valley \$2.50
- FS 268 Trends in Oregon Farmland Value
- PNW 346 The Costs of Owning and Operating Farm Machinery in the Pacific Northwest \$2.75
- SB 605 Cooperative Mergers: Their Objectives, Success, and Impact on Growth
- SB 612 The Short-Run Demand for a Reduction of Delivery
 Time in the Provision of Farm Machinery Parts: A Conceptual Framework
- SB 664 The Impact of International Trade on U.S. Employment Levels and Composition

Agricultural Marketing

- CI 657 Cooperative Market Pooling
- CI 663 An Economic Analysis of Alternative Milk Packaging Containers in Washington, Oregon and California
- CI 689 Supply and Disposition of Cool Season Grass Seed in U.S. and Overseas Markets
- CI 690 The Japanese White Wheat Marketing System
- CI 695 The U.S. Processed Strawberry Market: An Analysis of Trends and Commodity Characteristics as They Impact on Oregon
- EC 945 Direct Farm Marketing 75¢
- EC 972 Livestock Market News—As Near As Your Phone
- EC 1016 Farmer-to-Consumer Marketing #8 Oregon Regulations 75¢
- EC 1116 Developing and Managing a Farmers Market in Oregon 25¢
- EC 1170 Extension Marketline
- EM 8242 Marketing Management: Guidelines for Farm Level Wheat Sales Decisions 50¢
- EM 8394 Predicting Total Market and Market Shares for Agricultural Suppliers: Source Data \$4.25
- FS 293 Farmer Protection Against Grain Elevator Bankruptcies PNW 201 Farmer-to-Consumer Marketing #1 An Overview 25¢
- PNW 202 Farmer-to-Consumer Marketing #2 Production and
 Marketing Costs 25¢
- PNW 203 Farmer-to-Consumer Marketing #3 Merchandising, Pricing and Promotional Strategies 25¢
- PNW 204 Farmer-to-Consumer Marketing #4 Place of

Business and Product Quality 25¢

PNW 205 Farmer-to-Consumer Marketing #5 Personnel Management

PNW 206 Farmer-to-Consumer Marketing #6 Financial Management 25¢

PNW 241 Developing a Marketing Plan for Fresh Produce 75¢ SB 606 Marketing Fresh Apples and Pears in Bulk Containers

SB 647 Ocean Transportation Serving Pacific Northwest Agriculture

SB 652 Demand and Supply in the Oregon Grass Seed Industry: An Economic Analysis

SB 655 Portfolio Analysis of Contracting Strategies for Farmer Marketing Cooperatives

SB 661 The Korean Market for U.S. White Wheat

SB 672 Are Farm Supply Cooperatives Meeting Farmer Needs? A Survey of Farmers and Managers

Management

CI 702 Financial Adversity in Agriculture: An Overview

EC 1012 Food Store Money Management

EC 1017 The Function and Scope of Financial Audits and Auditors

EC 1097 Setting Farm Business Goals 25¢

EC 1335 Agricultural Labor Information: Workers' Compensation Insurance

EC 1336 Agricultural Labor Information: Federal Unemployment Tax (FUTA)

EC 1337 Agricultural Labor Information: Oregon Employment Tax

EC 1338 Agricultural Labor Information: Federal Income Tax Withholding

EC 1339 Agricultural Labor Information: Oregon Withholding Tax

EM 8311 Using Microcomputers in Farm and Ranch Management \$4.00

EM 8338 Using FINPACK for Farm Financial Analysis and Planning: Two Videotape Case Studies \$17.00

EM 8390 Oregon Farm and Ranch Business and Production Record Book I: Financial Records & Analysis \$25.00

SB 666 The Impact of Debt and Income Variation on the Simulated Financial Performance of Large Pacific Northwest Grass Seed-Grain Farms

WREP 34 How to Analyze an Investment in Farmland 75¢

WREP 73 Analyzing Agricultural Investments 75¢

WREP 99 Selection and Implementation Of a Farm Record System 50¢

WREP 104 Financial Analysis of Proposed Farm Adjustments with a Partial Budget 50¢

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¢

Business Management in Agriculture

EM 8339 Strategic Planning for Financial Success \$1.00

EM 8340 Identifying Farm/Ranch and Family Goals \$2.00

EM 8341 Selecting and Implementing a Farm Record System \$2.00

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EM 8342 Preparing a Balance Sheet \$1.75

EM 8343 Preparing an Income Statement \$2.00

EM 8344 Analyzing Financial Performance \$2.00

EM 8345 Preparing a Cash Flow Statement \$1.75

EM 8346 Analyzing Business Adjustments: Whole-Farm Budgeting \$2.00

EM 8347 Analyzing Business Adjustments: Partial-Farm **Budgeting \$2.00**

EM 8348 Facilitator's Guidelines for Business Management in Agriculture \$5.00

EM 8382 Analyzing Land Investments \$3.00

EM 8383 Farm Machinery and Equipment: Buy, Lease, or Custom Hire? \$1.50

EM 8384 Obtaining and Using Credit Effectively \$2.00 EM 8385 Analyzing and Selecting Enterprises \$2.50

EM 8386 Managing Risk \$1.75

Pesticide Training Materials

CORN ANIM Pesticide Applicators Training Manual/Animal \$5.00

CORN AQUA Pesticide Applicators Training Manual/Aquatic Pest Control \$5.00

CORN FOOD Pesticide Applicators Training Manual/Food Processing \$5.00

CORN FUMI Pesticide Applicators Training Manual/Fumigation

CORN PEST Pesticide Applicators Training Manual/Pest Control \$5.00

CORN SEED Pesticide Applicators Training Manual/Seed Treatment \$5.00

CORN STRU Pesticide Applicators Training Manual/Structural and Rodent \$5.00

CORN PLANT Pesticide Applicators Training Manual/Plant

EM 8392 Applying Pesticides Correctly

EM 8403 Wood Preservation and Wood Products Treatment Training Manual \$1.00

WAEB 669 Weed Control on Rights-of-Way 50¢

WOOD APPL Wood Preservation Applicators Manual \$2.25

Plant Disease Identification and Control (see also Gardening)

CI 647 OSU Research on Field Burning

EB 836 Dutch Elm Disease 25¢

EC 1287 Detecting and Controlling Eastern Filbert Blight

FS 185 Preparation of Tank-Mix Bordeaux Mixture

PLANT Pacific Northwest Plant Disease Control Handbook (revised annually) \$15.00

PNW 190 Root-Knot Nematodes of the Pacific Northwest 25¢

SB 615 Management of Aphid-Borne Legume Viruses

SB 623 Bibliography of Nematode Interactions with Other Organisms in Plant Disease Complexes

SB 639 Indexed Bibliography of Nematode-Resistance in Plants

Poultry

EB 782 Judging Poultry and Eggs 25¢

EC 761 The Home Unit Poultry Flock 50¢

EC 854 Brooding Chicks 50¢

EC 960 Feeding, Laying and Breeding Hens 25¢

EC 1232 Avoiding Drug Residues in Turkevs

Rabbits

PNW 310 Domestic Rabbits: Diseases and Parasites \$1.00

Rangeland

CI 680 Response of Bluebunch Wheatgrass to Drought and Climatic Fluctuations: A Review

EC 1006 Effects of Grazing and Drought on Range Grasses 50¢ EC 1036 Developing Management Strategies for Your Range

EC 1037 Range Plants—Foundation of the Grazing Resource

EC 1038 Range Plant Growth and Development

EC 1039 Range Ecology and Condition—Their Relation to Management

EC 1040 Rating Your Range

EC 1041 Grazing to Maintain a Healthy Range

EC 1042 Using Forage Effectively for Beef Production

EC 1043 Range Developments—A Key to Better Grazing Use EC 1044 Range Improvements—Ways to Increase Forage Production

EC 1045 Range Nutrition in Relation to Management

EC 1047 Range and Ranch Planning—Importance and Use

EC 1048 Range Management—Dealing with Drought EC 1049 Range Management—Transactions with Federal Land Managers

EC 1092 Range and Pasture Management in Central and Eastern Oregon 50¢

EC 1113 Monitoring Bureau of Land Management Rangelands EC 1277 Managing a Fee-Recreation Enterprise on Private Lands \$1.25

EM 8244 Costs and Benefits of BLM Range Improvements: Private and Public Perspectives

EM 8252 Records and Their Importance for Public Rangeland Livestock Operators

EM 8283 Costs Incurred by Permittees in Grazing Livestock on Public Lands in Various Western States \$3.00

EM 8401 Selected Bibliography of Riparian Zones/Wetlands \$5.75

FG 22 Native Meadows (Eastern Oregon—East of Cascades)

FS 211 Labops, a Plant Bug on Oregon Rangeland

PNW 73 Pacific Northwest Range: Its Nature and Use 75¢

PNW 200 Rangelands in Dry Years 25¢

SB 640 A Bibliography of Bitterbrush (Purshia tridentata (Pursh) D.C.); Annotated from 1967 to 1978

SB 642 Taxonomy and Ecology of Sagebrush in Oregon

SB 644 Medusahead (Taeniatherum asperum Nevski): A Review and Annotated Bibliography

SB 659 Adjusting and Forecasting Herbage Yields in the Intermountain Big Sagebrush Region of the Steppe Province SB 663 Changes in Protected and Grazed Sagebrush-Grass in Eastern Oregon, 1937 to 1974

Eastern Oregon, 1937 to 1974
SB 669 The Ecology and Management of Blue Bunch
Wheatgrass (Agropyron Spicatum): A Review

SB 671 Range Research Areas in the Western United States \$2.00

SB 673 Supplement to

SB 659 Adjusting and Forecasting Herbage Yields in the Intermountain Big Sagebrush Region of the Steppe Province

WRAES 25 Horizontal Well Development

Sheep and Goats

CI 674 Evaluation of Border Leicester and Targhee Crossbred Ewes for the Pacific Coastal Northwest

EC 866 Dairy Goats for Family Milk Supply 25¢

EC 867 Dairy Goat Housing and Care 25¢

EC 964 Management Considerations for Accelerated Lambing in Western Oregon 50¢

EC 1001 Adoption Crates for Grafting Orphaned Lambs 25¢

EC 1088 Sheep Barn Planning 25¢

EC 1224 Introducing Livestock-Guarding Dogs 50¢

EC 1238 Raising and Training a Livestock-Guarding Dog 75¢

EM 8393 An Improved and Safer Technique for Castration of Feeder Lambs 50¢

WRAES 106 Ewe and Lamb Trailer

WREP 33 Diseases of Dairy Goats 75¢

WREP 46 Protecting Dairy Goats from Poisonous Plants 25¢

Small and Part-time Farming

CI 669 Public Support for Small Farm Research in Oregon

EC 918 Country Living—Are You Sure? 25¢

EC 919 Can You Earn Your Living on a Small Farm?

Soils

CI 687 Sandy Soil and Soil Compaction

EB 835 Soil Evaluation for Subsurface Sewage Disposal 50¢

EC 628 How to Take a Soil Sample...and Why

EC 770 OSU Soil Test for Nitrate Nitrogen 25¢

EC 1105 Agricultural Productivity Ratings for Soils of the Willamette Valley \$3.00

EM 8240 Conservation Tillage for Dryland Wheat

EM 8250 Costs of Alternative Tillage Practices in the Western Region of the Willamette Valley 75¢

FS 249 Land Application of Sewage Sludge

FS 281 Manure Management Practices to Reduce Water Pollution

MANUAL 6 Manual for Judging Oregon Soils \$7.50

PNW 275 No-Till and Minimum Tillage: Effective Conservation Farming Systems 50¢

PNW 276 Current Nutrient Status Of Soils in Idaho, Oregon and Washington 50¢

PNW 283 Fertilizer Band Location For Cereal Root Access 50¢ PNW 297 Uniform Combine Residue Distribution for Successful No-Till and Minimum Tillage Systems 50¢

SB 629 Capillary Flow in Agricultural Drainage

SB 667 Marginal Analysis of Soil Loss Control on the Mission-Lapwai Watershed, Idaho

WREP 9 Principles of Soil Sampling 25¢

Weed Identification and Control (see also Crops)

CI 665 Control of Tansy Ragwort in Western Oregon Pastures with 2,4-D

CI 686 Economics of Spraying Big Sagebrush Communities of Eastern Oregon

EC 811 Herbicides for Annual Weed Control in Wheat in Eastern Oregon 50¢

EC 1288 Problem Thistles of Oregon

FS 30 Bur Chervil

FS 31 Catchweed

FS 35 Cocklebur

FS 36 Com Cockle FS 43 Matchweed

FS 44 Narrow-leaved Milkweed

FS 45 Purple Filare

FS 46 Purple Mustard

FS 47 Scouring Rush FS 48 Shoestring Weed

FS 51 Wild Oats

FS 188 Timing of Selective Herbicide Applications

FS 205 Canada Thistle

FS 206 Corn Gromwell

FS 252 Transfer of Cinnabar Moth Larvae

FS 267 Controlling Weeds in Alfalfa

FS WEEDS Complete Set of Weed Fact Sheets (a collection of weed materials, many of which are listed in this section) \$2.50

PNW 102 Death Weed or Poverty Weed

PNW 103 Scotch Broom PNW 104 Death Camas

PNW 105 Horsetail

PNW 108 Poison Oak and Ivy 25¢ PNW 109 Water Hemlock 25¢

PNW 115 Field Bindweed (Morning Glory)

PNW 116 Hoary Cress-White Top

PNW 117 Common and False Dandelion 25¢

PNW 133 Puncturevine

PNW 134 Longspine Sandbur

PNW 135 Yellow Toadflax and Dalmation Toadflax 25¢

PNW 175 Tansy Ragwort

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 50¢

PNW 329 Weed Control Guide for the Conservation Reserve Program 50¢

WEED Pacific Northwest Weed Control Handbook (revised annually) \$15.00

Wines and Winemaking

CI 701 Production, Maturity, and Wine Composition of Winegrape Varieties in Western Oregon

EM 8264 The Oregon Wine Industry: Historical Perspectives and the Current Production and Cost Situation \$1.50

EM 8270 The Oregon Wine Industry: Considerations for Developing a Marketing Plan \$1.75

FS 297 Basic Home Winemaking

Community

Impact Analysis

EC 1166 Sectoral Output Multipliers for Rural Counties \$1.00 WREP 16 Evaluating Fiscal Impact Studies: Community Guidelines 50¢

WREP 24 Economic Multipliers: Can a Rural Community Use Them? 50¢

WREP 26 Growth Impacts on Public Service Expenditures: Some Questions For the Community 50¢

WREP 29 Assessing Fiscal Impact of Rural Growth 50¢

WREP 31 What Does the Impact Statement Say About Economic Impacts? 50¢

Leadership

EC 808 The Social Action Process: How Change Takes Place EC 1152 The Volunteer Teacher

Planning

CI 676 Who Owns the Rural Land in Oregon?

EC 958 Planning, Zoning and Property Tax Assessment: How Are They Related? 25¢

EC 963 Community Growth Management—Performance Zoning 50¢

EC 973 Community Growth Management—Introduction to Growth Management 50¢

EC 975 Reducing Public Costs of Residential Developments 50¢ EC 978 Community Growth Management—Six Case Examples 75¢

EC 1026 Community Growth Management—Influencing the Sequence of Development 75¢

EC 1027 Community Growth Management—Influencing the Rate of Population Growth 75¢

WREP 17 Minimizing Public Costs of Residential Growth 50¢ WREP 20 Coping with Rapid Growth: A Community Perspective 50¢

WREP 25 Coping With Growth—Incoming Population: Where Will The People Live?

WREP 97 The Potential for High Technology Manufacturing in Nonmetropolitan Areas \$1.50

WREP 98 Local Economic Impacts of High Technology Manufacturing in the Nonmetropolitan West \$1.50

WREP 111 Community-based small business start-up funds \$1.00

Public Policy, Government and Taxes

CI 675 An Evaluation of Expected Private Losses from Selected Public Policies for Reducing Open Field Burning, Willamette Valley, Oregon

EC 971 Oregon Port Commissioners—The Job and How to Seek It 25¢

EC 976 Oregon Port Commissioners—Suggestions for Effective Port Management 25¢

EC 979 Oregon's Smaller Ports—What They Do and How They Are Financed 25¢

EC 1216 Oregon's Tax System in Context

EC 1269 A New Tax Base For Your Local Government?

EC 1329 Oregon School Funding: Assessing the Options 75¢

WREP 23 The Public Policy Process: Its Role In Community
Growth

WREP 102 Outlook for U.S. Agriculture Under Alternative Macroeconomics Policy Scenarios 50¢

WREP 106 The Tax Reform Act of 1986 \$1.50

Regional Economics

CI 664 Income, Employment and Expenditure Patterns in a Timber-Based Economy: Douglas County, Oregon 1975

CI 672 Business Interrelationships of the Tillamook County Economy: A Study for Analysis of Economic Change

SB 614 Impact of a Major Economic Change on a Rural Coastal Economy: A Large Aluminum Plant in Clatsop County, Oregon

SB 622 The Relationship Between Education and Income: An Economic Analysis

SB 712 Growth, Diversification, and Cyclical Instability in the Oregon Economy, 1960-1979

Small Business

EC 1205 Your Business Decision to Buy a Microcomputer System 75¢

EC 1222 Managing A New Business: A Beginner's Guide to Financial Concepts and Tools \$1.00

EC 1223 Government Requirements for New and Existing Businesses in Oregon \$1.00

EM 8321 Establishing and Operating an Early Childhood Education Program in Oregon \$3.50

Energy

EC 865 Energy Saving Homes—A Checklist

EC 931 Home Insulation 25¢

EC 1014 Fuel Alcohol Production and Utilization 25¢

EC 1015 Attic Ventilation for Summer Cooling

EC 1022 Improving Fireplace Efficiency EC 1025 Energy Planner

EC 1096 Micro-Hydropower: Oregon Development Guide 75¢

EC 1112 Weather Stripping and Caulking Homes 25¢

EC 1163 Measuring Wind Speeds for Small Turbine Sites

EC 1164 Heating Household Water With A Wood Stove

EC 1169 Earth-Sheltered Housing 25¢
EC 1177 The Sun and Your Home Furnishings

EC 1204 Combustion Appliances in Energy-Efficient Homes

EC 1240 How To Build Storm Windows

EC 1241 Do-It-Yourself Insulated Window Shutters

EC 1261 Landscaping to Cut Fuel Costs EC 1265 Sizing Wood Stoves In Oregon

EM 8363 Bin Data Sites in Oregon (hourly temperature data) \$14.00

EM 8364 Bin Data Sites in Washington (hourly temperature data)

EM 8365 Bin Data Sites in Idaho (hourly temperature data) \$9.75 EM 8366 Bin Data Sites in Montana (hourly temperature data) \$13.00

FS 295 Selecting A Designer or Architect for Your Energy-Efficient Home

FS 300 Kerosene Space Heaters

ID DOE Moisture and Home Energy Conservation

PNW 262 Heat Pumps for Homes: A Guide for Decisions

WRAES 55 Residential Evaporative Air Conditioning Design

WRAES 60 Residential Energy Usage Curtailment

WRAES 72 Standby Equipment for Electric Power Interruptions
WRAES 86 Estimating Farming Fuel Requirements

WRAES 87 ENERGY Selecting Power Equipment to Save Energy

WRAES 94 ENERGY More Light for Your Money

Forestry (for Christmas tree information, see Agriculture—Horticulture)

EM 8220 Average Annual Precipitation in Southwest Oregon EM 8226 Average Dry-Season Precipitation in Southwest

Oregon, May Through September \$1.25

FS 279 How to Avoid Beetle-Infested Firewood WOOD WB Woodland Workbook (a collection of 46 publications in a 3-ring binder with printed chapter dividers: includes many of the titles listed below) \$38.50 plus \$3.00 shipping and handling on single-copy orders

Forest Business Management

EC 1136 Forest Property Taxation in Western Oregon 50¢ EC 1146 Forestry Financial Analysis I: An Introduction for

Landowners 50¢

EC 1147 Forestry Financial Analysis II: Worksheets for How-to-Do-It \$2.00

EC 1148 Forestry Financial Analysis III: How to Compare Two (or More) Investments \$1.50

EC 1150 Forest Property Taxation in Eastern Oregon 75¢

EC 1151 Oregon's Forest Products Harvest Tax 50¢

EC 1187 Record Keeping: A How-to-Do-It Guide for Small Woodland Owners \$1.00

EC 1192 Contracts for Woodland Owners and Christmas Tree Growers \$1.00

EC 1276 Financing Forestry in the Pacific Northwest \$1.00

Forest Issues

EC 1200 Forestry Issues and Public Policy: An Action Guide for Woodland Owners \$1.00

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