

# Gardening & Yard Publications



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# Who we are

**University of Maine Cooperative Extension** is part of the nationwide Cooperative Extension System. In addition to our state offices in Orono, we have a network of **county-based** offices staffed by **experts** who provide **practical, locally-based solutions** for farmers, small business owners, kids, parents, consumers, and others.



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**Adding a Rain Garden to Your Landscape**

Item #2702 \$1.00

Rain gardens help protect the water quality in our lakes, streams, and rivers by reducing polluted runoff. Learn how to plan for, design, install, and maintain a rain garden on your property. 8 pp. © 2006

**An Introduction to Seed Saving for the Home Gardener**

Item #2750 \$1.00

This bulletin covers plant reproduction basics, hand pollinating, hybrid versus open-pollinated varieties, selecting plants, and processing and storing seed. Includes seeds-per-ounce and expected seed storage life for common vegetables. 6 pp. © 2010

**Applying Fertilizers on Home Gardens**

Item #2287 \$0.50

This fact sheet for home gardeners explains how to interpret fertilizer grades, convert from weight to volume measures and fertilize small areas. 2 pp. © 2000

**Beneficial Insects and Spiders in Your Maine Backyard**

Item #7150 \$1.25

Managing your yard as habitat for beneficial arthropods is a great way to safely minimize pest problems. 8 pp. © 2004

**Bird Feeding Basics**

Item #7124 \$1.25

Feeding birds can be an all-season activity and provide a constant spectacle. This fact sheet explains which types of feeders (with illustrations) and food are appropriate for which birds. Discusses sanitation and unwelcome visitors. 8 pp. © 2000, 2008

**Birdhouse Basics**

Item #7117 \$0.50

As lands become more developed, birdhouses become more important. This fact sheet offers guidelines and patterns for building birdhouses. Includes birdhouse dimensions for seven species of birds. 2 pp. © 2004

**Bloat Nematode in Maine Garlic**

Item #1205 \$1.00

Bloat nematode (*Ditylenchus dipsaci*) is a relatively new pest in Maine that has the potential to become a long-term problem that can cause severe damage to garlic grown in backyard gardens as well as on commercial farms. 4 pp. © 2012

**Blue Mold of Garlic**

Item #1206 \$0.50

This fact sheet describes the biology, symptoms, and management of blue mold of garlic. 2 pp. © 2013

**Botrytis Neck Rot in Maine Garlic**

Item #1207 \$0.50

Botryotinia (*Botrytis*) porri is the fungal pathogen that causes neck rot in garlic and about biology, symptoms, and management of this pathogen. 2 pp. © 2013

**Common Problems in Container Gardens**

Item #2765 \$0.50

Succinct list of common issues, likely causes, and corrective measures of container gardens. Includes instructional video for online viewing. 1 pp. © 2010

**Conifers of Maine**

Item #7015 \$5.00

This reprint of Fay Hyland's classic field guide was reviewed and updated by Hyland's colleague and friend, Christopher Campbell. The guide contains detailed illustrations and descriptions of the growth habit, bark, leaves, and cones of each of the 16 native and five common introduced species of Maine conifers. Includes traditional identification key. 28 pp. © 2008

**Debunking Old Gardening Myths: Caring for the Woody Plants in Your Maine Landscape**

Item #2512 \$0.50

The trees and shrubs in our Maine landscape are plants that we expect to live for many years. This informational guide to planting and caring for young trees and shrubs will help you with proper management of these plants. 2 pp. © 2011

**Designing Your Landscape for Maine**

Item #2701 \$1.00

Learn the basics of developing a base map, site analysis, and bubble diagram for your property. Includes tips on keeping your landscape Maine-friendly! 8 pp. © 2005

**Embellisia Skin Blotch of Garlic**

Item #1204 \$0.50

This 2-page fact sheet describes conditions for embellisia skin blotch of garlic symptoms and control in Maine. 2 pp. © 2011



**Food for ME Series**

Item #4315 \$3.00

Food for ME is a citizen action series of five fact sheets for community food recovery. Learn how to set up a community garden project, recruit volunteers and establish a garden plot. For family gardens or food pantries and shelters. © 2011

**Steps to Organizing Your Community Garden**

Item #4300 \$0.75

**Food for Your Community: Gleaning and Sharing**

Item #4301 \$0.75

**Food Safety for Food-Pantry Donations**

Item #4302 \$0.50

**A Donors Guide to Vegetable Harvest**

Item #4303 \$0.75

**Food Pantry Wish List**

Item #4304 \$0.50



## Lawns

### Steps to a Low-Input, Healthy Lawn

Item #2166 \$1.00

If you want a healthy lawn and are concerned with reducing the amount of pesticides and fertilizers that you put on your lawn, then follow these basic principles to create and maintain a healthy lawn while reducing or eliminating fertilizers and pesticides. 4 pp. © 2011

### Maintaining a Home Lawn in Maine

Item #2243 \$1.00

Lawns are important parts of most home landscapes, because they provide an area for recreation and instill a sense of space in the landscape. This fact sheet includes recommendations for mowing, fertilizing, managing weeds, managing insects and diseases, and managing moss in the home lawn. 6 pp. © 2011

### Establishing a Home Lawn in Maine

Item #2367 \$1.00

This bulletin describes seeding, types of grasses, soil preparation, seeding and renovation. Includes Maine turf grass characteristics chart and seeding rate by grass mixture. 6 pp. © 1997, 2011

### Fertilizing a Home Lawn in Maine

Item #2154 \$0.75

Learn how to use fertilizer on your lawns to reduce the amount of pollutants getting into Maine ponds, lakes, rivers and coastal waters. Recent research has provided information that should change the way we choose to fertilize our lawns. 3 pp. © 2011

### European Fire Ant: A New Invasive Insect in Maine

Item #2550 \$0.75

This pamphlet describes the origin and characteristics of European fire ants. Explains why they are a problem, where they live, how they move, and how they can be managed. Includes diagram and color photos. 2 pp. © 2004

### European Fire Ant: Management for Homeowners: Least Toxic Management Strategies

Item #2551 \$0.75

Describes the physical characteristics and how to identify a fire ant, prevention, and management strategies. 4 pp. © 2015

### Extending the Gardening Season

Item #2752 \$0.75

Provides an overview of various types of plastic mulches and their uses, as well as row covers, cold frames, hoop houses, hot caps, and insulating water tubes. 5 pp. © 2008

### Facts About Leaf Color in Maine

Item #7078 \$0.50

This fact sheet explains the chemical processes behind fall foliage colors; includes leaf project ideas for home or classroom. 3 pp. © 2001, 2014

### Flowering Crabapples in Maine

Item #2058 \$1.25

Planting and care of crabapple trees in the home landscape. Includes chart with size, foliage, flowers, fruit and disease resistance characteristics of 19 varieties. 6 pp. © 1994, 2008

### Garden Equipment and Items to Make for the Maine Garden

Item #2763 \$0.75

Practical, detailed plans and materials lists for newspaper pots, a light stand, a two-tier seedling stand, a cold frame, and raised beds, as well as ideas for making planting holes in plastic, and growing a "plant in a bag." Includes photos and illustrations. 5 pp. © 2009

### Gardening in Small Spaces

Item #2761 \$1.00

Small-space gardening techniques can offer solutions for apartment and condominium dwellers as well as people with limited mobility. Discusses raised-bed gardening, Square Foot Gardening, and layer gardening; includes a plant-spacing chart. 7 pp. © 2009

### Gardening to Conserve Maine's Native Landscape: Plants to Use and Plants to Avoid

Item #2500 \$1.00

Learn how you can help preserve Maine's many habitats with this chart of native trees, shrubs, vines, ground covers, flowering perennials, and ferns appropriate for use in the home landscape. © 2003

### Greenhouses for Homeowners and Gardeners

Item #1051 \$30.00

200-page book with sample calculations, greenhouse plans and 150+ line drawings. Covers construction planning, framing materials, glazing, layouts, equipment, environmental control, and selection of kits. Also discusses window greenhouses, growth chambers and garden structures. 200 pp. © 2000

### Growing Asparagus in Maine

Item #2071 \$1.00

Describes the planting, growing and harvesting of asparagus in Maine. Includes varieties, transplants versus crowns, site selection, planting and harvesting instructions, along with photos. 6 pp. © 2013

### Growing Grapes in Wisconsin

Item #2064 \$4.00

This award-winning manual offers detailed instructions on how to successfully grow grapes. Our UMaine Extension vegetable and small fruit specialist finds this publication ideal for use in Maine as well. Covers selecting the best cultivars for your growing conditions, illustrates a variety of trellis designs and proper pruning techniques, and suggests ways to limit or prevent damage from insects and diseases. 25 pp. © 2006

### Growing Hardneck Garlic in Your Maine Garden

Item #2063 \$0.75

Garlic is an easy-to-grow crop that is increasingly popular in Maine. Learn how to grow, cultivate, and harvest hardneck garlic. 3 pp. © 2013

### Growing Highbush Blueberries

Item #2253 \$0.75

This introduction to highbush blueberry production covers site selection and preparation, planting, care, pest management, pruning, and harvesting, and suggests varieties suited to northern New England. 3 pp. © 1992, 2008

<b>Growing Peaches in Maine</b> Item #2068	\$1.00	update to the 2000 version incorporates USDA Good Agricultural Practices (GAP). 2 pp. © 2008
Peaches are a highly desired fruit in Maine. Learn what varieties are recommended, when and where to plant, common diseases, pruning techniques and more! Color photos included. 6 pp. © 2014		
<b>Growing Potatoes in the Home Garden</b> Item #2077	\$0.75	
Potatoes are a popular Maine home garden crop. This bulletin covers soil types & pH, seed, fertilization, planting, pest control, harvest and storage. Includes variety list. 4 pp. © 2000		
<b>Growing Raspberries and Blackberries</b> Item #2066	\$1.00	
This fact sheet for home gardeners and commercial farmers describes site selection, soil preparations, suggested varieties, pruning, harvesting and insect and disease management. 6 pp. © 1990, 2006		
<b>Growing Rhubarb in Maine</b> Item #2514	\$1.00	
Rhubarb is a cool-weather perennial that thrives in the northern states and is one of the first crops ready for eating. Learn more about growing, harvesting, preparing and cooking rhubarb. 6 pp. © 2015		
<b>Growing Strawberries</b> Item #2067	\$1.00	
Explains site selection, preparation, planting, insect control; illustrations show proper plant spacing. For home gardeners and commercial farmers. 6 pp. © 2003, 2011		
<b>Growing Vegetables in Container Gardens</b> Item #2762	\$0.50	
If you only have a small yard—or even an apartment balcony—you can still grow fresh vegetables and herbs using containers. This introductory bulletin can help get you started. Includes recommended varieties for Maine. 2 pp. © 2008		
<b>Guidelines for Using Manure on Vegetable Gardens</b> Item #2510	\$0.50	
Manure can contain harmful bacteria. This publication provides concise guidelines to ensure safe vegetables, from the garden to the kitchen. This		
<b>Home Composting</b> Item #1143	\$0.75	
This bulletin discusses why, what and how to compost, and explains the essentials of composting food and yard wastes. 4 pp. © 2003		
<b>Home Vegetable Gardening</b> Item #2078	\$2.00	
This booklet for home gardeners covers garden location, soil preparation, companion cropping, crop rotation, water, sunlight, diseases, insects and other topics. Includes planting chart. 23 pp. © 1995		
<b>How Compost Happens</b> Item #1159	\$0.75	
This fact sheet will help you create rich compost for your garden, lawn and shrubs. Describes the benefits of composting, good composters, slow composters, carbon to nitrogen ratio; includes trouble-shooting guide. 4 pp. © 2004		
<b>How to Tap Maple Trees &amp; Make Maple Syrup</b> Item #7036	\$0.75	
Did you know that it takes about 10 gallons of sap to produce one quart of syrup? Learn the basics of tapping maple trees and making syrup. 4 pp. © 1991, 2007		
<b>Insect Repellents</b> Item #5108	\$0.75	
Enjoying the Maine outdoors often involves facing an onslaught of arthropod pests including ticks, mosquitoes, black flies, midges, and other biting flies. Learn to choose the right repellent that best fits your needs. 3 pp. © 2011, 2012		
<b>Landscape Plants for Vermont</b> Item #2603	\$17.50	
This book for Vermont residents is perfect for Maine yards and gardens as well. Select trees, shrubs, vines, and woody ground cover plants appropriate to a northern New England climate and landscape. Includes tables highlighting multiseason plants, wet/dry soil tolerant plants, salt tolerant plants, deer-resistant and susceptible plants, and poisonous plants. 104 pp. © 2002 edition.		
<b>Landscaping for Butterflies in Maine</b> Item #715	\$1.00	
Butterflies are not only beautiful; they are an important part of the ecosystem. Any Maine yard can become a haven for our state's 100+ species of butterflies. Discusses the life cycle of butterflies and how to create a habitat to attract butterflies. Includes lists of plants that provide nectar and larval food sources. 10 pp. © 2003		
<b>Lead in the Soil</b> Item #2281	\$0.50	
The only way to know the content of your soil is to test it. This 2-page fact sheet discusses factors that can lead to unhealthy levels of lead in your yard and garden soil, as well as steps you can take to reduce lead contamination. A must for parents and gardeners. 2 pp. © 1994, 2008		
<b>Maine Apprentice Gardener Curriculum</b> Item #2604	\$15.00	
This third- and fourth-grade level program uses experiential activities to teach concepts in botany, biology, and the environment. The 30-lesson program can be used in its entirety, or individual units can be integrated with a traditional science curriculum. Individual units can also be used with scout groups, summer recreation programs and other youth groups. The MAG curriculum is aligned with Maine Learning Results requirements. Buy the entire print curriculum, hole-punched for use in a loose-leaf binder, or buy the DVD (item #2605) and print out only the lessons you need. © 2007		
<b>Maine Apprentice Gardener Curriculum DVD</b> Item #2605	\$8.00	
Same as item #2604 but is a DVD, allows for individual printing of each of the lessons. Available as a full printed version (#2604) for use in a loose leaf binder. © 2007		

**Managing Alternative Pollinators: A Handbook for Beekeepers, Growers, and Conservationists**

Item #1038 \$23.50

This is a first-of-its-kind, step-by-step, full-color guide for rearing and managing bumblebees, mason bees, leafcutter bees, and other alternatives to honey bee pollinators. Over 130 color photos, nest construction details, parasite and disease management guidelines and a sample contract. 162 pp. © 2010.

**Mosquito Biology**

Item #5109 \$0.50

Mosquitoes are a familiar nuisance in Maine during the summer months. This fact sheet discusses the three major groups and their biology. 3 pp. © 2011

**Mosquito Management**

Item #5110 \$0.50

Mosquitoes are a familiar nuisance in Maine during the summer months. This fact sheet discusses the different controls and personal protection. 3 pp. © 2010

**Native Plants of the Northeast: A Guide for Gardening & Conservation**

Item #2599 \$39.95

Donald J. Leopold. Developed in response to popular field guides that include invasive exotic species and “undo decades of conservation education,” this is a solid, science-based reference: the author is a researcher and professor at the SUNY Syracuse College of Environmental Science and Forestry. The book is also breathtakingly beautiful. Each of the nearly seven hundred species has a description of key species traits and suitable site conditions, and notes from the author’s observation and experience. More than 500 of the descriptions include color photos. Organized alphabetically within plant type (ferns, grasses, wildflowers, vines, shrubs, and trees), the well-indexed book lends itself both to easy species lookup and delightful browsing. Hardcover, 308 pp. © 2005

**Native Plants: A Maine Source List**

Item #2502 \$1.50

How Maine will look 50 years from now depends greatly on what we choose to plant today. This bulletin contains a list of Maine nurseries and garden centers that sell native plants. 8 pp. © 2002, 2008, 2016

**New England Wildlife: Habitat, Natural History, and Distribution**

Item #7172 \$35.00

Richard M. DeGraaf and Mariko Yamasaki. Details the habitat relationships of 338 inland New England terrestrial and aquatic species, presented in sections on amphibians and reptiles, birds, and mammals. Each species account includes an illustration and range map, along with information on distribution in the region, status, habitat, special habitat requirements, details of breeding biology, home range and movements, and food habits, each fully documented from the pertinent literature. Includes matrices relating all species to standard classifications of forest cover types and nonforest habitats. Discusses wildlife responses to landscape change. 482 pp. © 2001.

**Pest Management for the Home Vegetable Garden in Maine**

Item #2188 \$5.00

While pests are an inevitable part of vegetable gardening, proper planning, planting, and management can reduce their numbers and impact. This booklet outlines gardening practices that can give your plants the head start they need to shrug off insects and diseases. Discusses chemical and nonchemical pest control measures; includes color pictures and descriptions of common pests, diseases, and deficiencies in Maine garden crops. 20 pp. © 2009

**Plant Hardiness Zone Map of Maine**

Item #2242 \$0.75

Low temperature is one of the most critical environmental limitations for plants. This zone map divides Maine into four zones, each representing a ten-degree difference in average annual minimum temperatures. Discusses microclimates and environmental factors that affect plant growth. 4 pp. © 1991, 2006

**Plant Propagation in Maine**

Item #2410 \$2.00

Plant propagation is the process of creating new plants. Learn about the types of propagation, seeding, containers, temperature and light, transplanting, and everything else you need to know to successfully propagate plants. 14 pp. © 2015

**Planting and Early Care of Fruit Trees**

Item #2411 \$1.00

This bulletin explains when to plant fruit trees in New England and how best to dig and fill the holes. Discusses care and pruning, weed control, and pest management. 4 pp. © 1997

**Plum Production in Maine**

Item #2034 \$3.50

The resurgence in demand for locally-grown fresh fruit has created an opportunity for Maine farmers to grow and sell plums. Covers plum varieties, planting, harvesting, and much more! 20 pp. © 2017

**Producing Potatoes Organically in Maine**

Item #2419 \$1.00

Learn the basics of soil maintenance, cutting and storing seed, organic soil amendments, weed management, and defense against disease. 6 pp. © 2006

**Propagation of Plants by Grafting and Budding**

Item #2065 \$3.50

18-page booklet discusses factors that influence grafting and budding success and describes kinds of grafts, budding methods, topworking and repair. Includes photos and a table of selected plants that can be propagated by budding or grafting and common methods and rootstocks for each. Recently updated, color photos. 18 pp. © 1996, 2011.

**Pruning Forsythias in Maine**

Item #2513 \$0.50

The bright yellows of forsythia shrubs are a hallmark of spring in Maine. Learn more about the culture, varieties, and how and when to prune these shrubs. 4 pp. © 2015

**Pruning Woody Landscape Plants**

Item #2169 \$1.00

Effective pruning is based on knowledge of a plant’s natural growth habit and how the plant will respond to removal of its various parts (branches, buds, fruits, etc.). This bulletin explains principles of and reasons for pruning, identifies tools, and describes techniques for deciduous trees and shrubs, evergreen trees and shrubs, and hedges. Includes drawings and pruning calendar. 6 pp. © 1998

**Raspberry and Blackberry Varieties for Maine**

Item #2172 \$0.50

This bulletin discusses types of brambles, propagation, how to choose stock and plant. Describes 40 varieties of raspberries and blackberries. For home gardeners and commercial growers. 5 pp. © 1995, 2009

**Renovating Old Apple Trees**

Item #2409 \$0.50

This fact sheet is on pruning and fertilizing neglected apple trees. 2 pp. © 2002

**Selecting, Planting, and Caring for Trees and Shrubs in the Maine Landscape**

Item# 2366 \$1.00

This bulletin discusses the functional aspects of evergreen and deciduous trees and shrubs in the Maine landscape. Covers criteria for plant selection, forms of plants available from nurseries, transplanting wild plants, and good planting practices. 6 pp. © 2003

**Smart Gardener: A Learning Guide for Home Vegetable Growers**

Item #2282 \$4.00

This learning guide will teach you how to make the most of your home vegetable gardens, large and small. Each of the 12 lessons focuses on a specific aspect of gardening know-how, such as soil, seeds, garden design, mulches and weeds. Includes lesson review, study questions, activities and a glossary. 72 pp. © 1994

**Starting Seeds at Home**

Item #2751 \$0.50

Succinct, straightforward instructions to successful pre-season seed starting. Covers supplies needed, planting dates, germination time and optimum temperatures for common vegetable seeds, watering, and transplanting. Includes a diagram of a homemade PVC grow-light frame. 3 pp. © 2008

**Strawberry Varieties for Maine**

Item #2184 \$0.75

This bulletin for small-scale fruit growers identifies plant varieties with respect to disease resistance, fruit flavor and growing characteristics. 4 pp. © 2008

**Testing Your Soil**

Item #2286 \$0.50

This fact sheet explains how and when to take a soil sample and what information a soil test can give homeowners, gardeners and farmers. 2 pp. © 1994, 2008

**The Best Plants for New Hampshire Gardens and Landscapes: How to Choose Annuals, Perennials, Small Trees & Shrubs to Thrive in Your Garden**

Item #2602 \$12.95

Cathy Neal, Margaret Hagen, and Leslie van Berkum. This fresh publication uses habitat gardening to help gardeners and landscapers choose and care for plants for the New Hampshire environment. Our UMaine Extension horticulture specialist finds it ideal for use in Maine as well. The 96-page paperback book includes lively, easy-to-read text, useful charts, pen and ink illustrations, black & white photos of selected plants, sections on plant selection and care, specialty plant lists, and an index for easy referencing. 64 pp. © 2003.

**The New England Gardener's Year**

Item #2007 \$34.95

Co-authored by University of Maine Cooperative Extension Professor Marjorie Peronto, this comprehensive full-color reference manual covers gardens and landscape plantings for Maine and New England. Includes practical advice for growing vegetables, small fruits, annuals, perennials, shrubs and trees. Month-by-month guide from March through October. 324 pp. © 2013

**The Life in Your Garden: Gardening for Biodiversity**

Item #2033 \$34.95

Co-authored by University of Maine Cooperative Extension Professor Marjorie Peronto, this comprehensive full-color book is a must-read for gardeners. Horticulture experts Reeser Manley and Marjorie Peronto share their own experiences in gardening for biodiversity, placing a strong emphasis on insect diversity as a bellwether of success. The Life in Your Garden also describes the functional plants of a garden (with recommendations for understory trees and shrubs throughout North America) and their relationship with garden life, introducing the concept of a garden insectary. 320 pp. © 2016.



**Poultry**

**Match Your Need to the Right Breed: Choosing a Bird for the Home Flock**  
Item #2104 \$0.75

Provides guidance on finding the appropriate breed to suit your purpose. Discusses strains or crosses for brown, dark-brown, white, and tinted egg layers; strains or crosses for meat production; dual-purpose breeds; exhibition breeds; bantams; turkeys; ducks; geese; and guineas. 5 pages. © 1989, 2009

**Poultry---Egg Production**

Item #1203 \$0.75

This checklist can help you determine what you know and what you need to know about poultry egg production. Covers breed selection, brooding and chick care, chicken health and nutrition, pullets, management practices, facilities, manure, culling, food safety, and financial concerns. 4 pages. © 2009

**Storeys Guide to Raising Chickens**

Item #2234 \$19.95

Gail Damerow. Described by Ron Macher of Small Farm Today magazine as "the best single book on chicken raising I have seen," this comprehensive guide covers choosing, housing, feeding, and managing a flock of meat birds or layers, as well as collecting and storing eggs, incubation and hatching, chick care, health care, and preparing chickens for show. 352 pages, 2010.

More poultry fact sheets online  
[extension.umaine.edu/catalog/](http://extension.umaine.edu/catalog/)

**The Pond Guidebook**

Item #2488 \$19.75

Constructed ponds of all shapes and sizes are found throughout Maine for many different purposes: irrigation, fish, recreation, nature study, and real estate value, among others. A pond creates its own microenvironment, bringing peepers, dragonflies, and cool morning mists to the landscape. This book, developed by faculty from Cornell and Penn State, addresses construction, water chemistry, aquatic weed management, fish stocking, wildlife (wanted and unwanted), maintenance, safety, and more. 76 pp. © 2007.

**Tomato and Potato Late Blight Information for the Upcoming Growing Season**

Item #2427 \$0.50

Learn about the causes of potato and tomato late blight, how to recognize the disease, and what precautions you should take when growing potatoes and tomatoes. 2 pp. © 2010, 2015

**Trees, Shrubs, and Vines for Attracting Birds**

Item #7171 \$22.95

Richard M. DeGraaf. Details more than 160 species of trees, shrubs, and vines that provide food, cover, and nesting for common North American birds, providing descriptions, flowering and fruiting periods, preferred habitat conditions, growing ranges, and hardiness zones. Detailed instructions cover propagation, transplantation, landscape, and site requirements. Includes updated data, expanded bird/plant preference indexes, 24 new photographs of trees and plants in actual backyard habitats, and 64 detailed drawings of branches, leaves, and berries for easy identification. Also includes instructions on designing a landscape habitat that attracts desired bird species. 169 pp. 2nd edition, © 2002.

**Trickle Irrigation: Using and Conserving Water in the Home Garden**

Item #2160 \$0.75

This bulletin explains how trickle irrigation can conserve water by directing it where it is needed. Describes the benefits and disadvantages; lists resources for system design. 4 pp. © 2003

**Understanding Native Bees, the Great Pollinators: Enhancing Their Habitats in Maine**

Item #7153 \$1.50

Bees are “keystone organisms” in most terrestrial ecosystems. Without bees, many flowering plants would become extinct, and the diets of many fruit- and seed-eating birds and mammals, including people, would suffer. Learn about native bees in Maine and their habitat requirements, including ways to manage our yards for bees, so that they will survive, thrive and reproduce. Food plants, nest sites, and appropriate nest materials are covered. Includes plans and detailed instructions for building bee nesting houses. 12 pp. © 2004

**Understanding Ruby-Throated Hummingbirds and Enhancing Their Habitat in Maine**

Item #7152 \$1.00

This publication discusses rubythroat biology and seasonal cycles, breeding habitats, courtship and nesting, food sources, and specific recommendations on enhancing rubythroat habitat in your yard. Includes a list of hummingbird nectar plants for Maine, as well as important information about nectar feeder maintenance. 14 pp. © 2002

**Vegetable Gardens and Septic Fields Don't Mix**

Item #2442 \$1.00

This publication addresses why septic system disposal fields are unsuitable garden sites and offers homeowners and gardeners better choices for covering disposal fields. 4 pp. © 2012

**Vegetable Varieties for Maine**

Item #2190 \$0.50

Details commonly available vegetable varieties that are well-suited to Maine's climate. Lists suggested varieties of asparagus, beans, beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, celery, Swiss chard, Chinese cabbage, pop corn, sweet corn, cucumbers, eggplant, endive, kohlrabi, kale, leeks, lettuce, muskmelons, onions, parsley, peas, peppers, pumpkins, radishes, rhubarb, rutabagas, spinach, squash, tomatoes, turnips and watermelons. 2 pp. © 2006

**Weedless Gardening**

Item #2162 \$10.95

Author, USDA/Cornell researcher, and gardener Lee Reich proposes an idea so old it's new: care for the soil from the top down, the way Nature does. His system is built around four components: minimal soil disruption, soil surface protection, minimal soil compaction, and drip irrigation. Benefits? Dispense with tilling and turning, plant earlier, water less, preserve and increase organic matter, and enjoy healthier plants. 200 pp. © 2001.

**Weeds of the Northeast**

Item #2164 \$29.95

Richard H. Uva, Joseph C. Neal, Joseph M. DiTomaso. This lavishly illustrated manual provides ready identification of 299 common and economically important weeds in the region south to Virginia, north to Maine and southern Canada, and west to Wisconsin. This practical guide gives anyone who works with plants the ability to identify weeds before they flower. The first comprehensive weed identification manual available for the Northeast, this book will enable appropriate weed management in any horticultural or agronomic cropping system, and will also serve home gardeners and landscape managers, as well as pest management specialists and allergists. 746 color photos, 416 pp. paperback. © 1997.

**White Rot of Garlic and Onions**

Item #2062 \$0.50

Garlic and onion white rot is caused by the fungus, *Sclerotium cepivorum* Berk. White rot is the most important and destructive of the fungal diseases of onion and garlic. While all Allium-family plants can be infected with white rot, onion and garlic are the most susceptible. 3 pp. © 2015

**Wild Apple Trees for Wildlife**

Item #7126 \$1.00

This fact sheet describes how to restore and care for apple trees, to enable them to thrive and provide food and other habitat resources for wildlife. © 2004, 2016

## **Pond Management Series**

Item #2499 \$2.00  
Series of five pond management fact sheets for Maine home and farm ponds.

### **Before You Build a Pond: 10 Important Questions and Answers**

Item #2374 \$0.50

### **Managing Aquatic Plants in Ponds**

Item #2375 \$0.50

### **Laws and Regulatory Requirements to Consider Before You Build a Pond**

Item #2376 \$0.50

### **Pond Troubleshooting**

Item #2377 \$0.50

### **What You Should Know About Water Quality and Ponds**

Item #2378 \$0.50

## **Maine Invasive Plants Series**

Item #2503 \$7.50

Maine's landscape is famous for its variety, yet invasion by nonnative species can drive native species to extinction. Many invasive aquatic plants were unintentionally introduced by aquarium hobbyists. Each 2-page bulletin provides a color photo and physical description of one invasive species as well as a description of the threat it presents, its preferred habitat and current distribution, and methods of control.

© 2001-2004

### **Japanese Barberry**

Item #2504 \$0.50

### **Common Buckthorn and Glossy**

Item #2505 \$0.50

### **Asiatic Bittersweet**

Item #2506 \$0.50

### **Shrubby Honeysuckles**

Item #2507 \$0.50

### **Purple Loosestrife**

Item #2508 \$0.50

### **Multiflora Rose, Rambler Rose**

Item #2509 \$0.50

### **Japanese Knotweed/Mexican Bamboo**

Item #2511 \$0.50

### **Fanwort, Cabomba**

Item #2522 \$0.50

### **Black Swallowwort**

Item #2523 \$0.50

### **Brazilian Waterweed**

Item #2524 \$0.50

### **Autumn Olive / Russian Olive**

Item #2525 \$0.50

### **Garlic Mustard**

Item #2526 \$0.50

### **Hydrilla**

Item #2527 \$0.50

### **Japanese Honeysuckle**

Item #2528 \$0.50

### **Japanese Stilt Grass (Chinese Packing Grass)**

Item #2529 \$0.50

### **Variable-Leaf Milfoil**

Item #2530 \$0.50

### **Eurasian Milfoil**

Item #2531 \$0.50

### **Common Reed (Phragmites)**

Item #2532 \$0.50

### **Mile-a-Minute Weed (Devils Tail, Tearthumb)**

Item #2533 \$0.50

### **Lesser Celandine**

Item #2534 \$0.50

### **Invasive Plants Threaten Maines Natural Treasures**

Item #2536 \$0.75

## **Native Trees and Shrubs for Maine Landscapes Series**

Item #2560 \$7.50

Nonnative invasive plants pose a serious threat to Maine's biodiversity. By landscaping with native plants, we can create vegetation corridors that link fragmented wild areas, providing food and shelter for the native wildlife. This collection of bulletins is the product of a five-year research project that evaluated the adaptability of native trees and shrubs to the stresses of urban and residential landscapes in Maine. Each 2-page bulletin covers physical description, landscape use, culture, wildlife value, and maintenance for one native shrub or tree. © 2008

### **Striped Maple or Moosewood (*Acer pensylvanicum*)**

Item #2561 \$0.50

### **Hazel Alder or Speckled Alder (*Alnus incana* ssp. *rugosa*)**

Item #2562 \$0.50

### **Shadblow Serviceberry (*Amelanchier canadensis*)**

Item #2563 \$0.50

### **Yellow Birch (*Betula alleghaniensis*)**

Item #2565 \$0.50

### **Sweet Birch (*Betula lenta*)**

Item #2566 \$0.50

### **Gray Birch (*Betula populifolia*)**

Item #2567 \$0.50

### **Pagoda Dogwood (*Cornus alternifolia*)**

Item #2569 \$0.50

### **Common Witchhazel (*Hamamelis virginiana*)**

Item #2570 \$0.50

### **Winterberry (*Ilex verticillata*)**

Item #2571 \$0.50

### **Northern Bayberry (*Myrica pensylvanica*)**

Item #2572 \$0.50

### **Mountain Holly (*Nemopanthus mucronatus*)**

Item #2573 \$0.50

### **American Hophornbeam (*Ostrya virginiana*)**

Item #2574 \$0.50

### **Black Cherry (*Prunus serotina*)**

Item #2575 \$0.50

### **Common Chokecherry (*Prunus virginiana*)**

Item #2576 \$0.50

### **Rosebay Rhododendron (*Rhododendron maximum*)**

Item #2577 \$0.50

### **Smooth Sumac (*Rhus glabra*)**

Item #2578 \$0.50

### **Staghorn Sumac (*Rhus typhina*)**

Item #2579 \$0.50

### **American Elder (*Sambucus canadensis*)**

Item #2580 \$0.50

### **Scarlet Elder (*Sambucus racemosa* var. *pubens*)**

Item #2581 \$0.50

### **Showy Mountain Ash (*Sorbus decora*)**

Item #2582 \$0.50

### **Nannyberry Viburnum (*Viburnum lentago*)**

Item #2583 \$0.50

**UMaine Extension** is your doorway to University of Maine expertise. For over 100 years, we've been putting university research to work in homes, businesses, farms, and communities—in every corner of Maine.

Our educational efforts focus on the **Maine Food System** and **Positive Youth Development** through 4-H programs with a focus on the STEM disciplines.

