



2019 Extension Publications, Videos & App List



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purdue.edu/GotNature



Got Nature? Podcasts:

purdue.edu/fnr/extension/resources/podcasts

FNR Extension Videos:

purdue.edu/fnr/extension/resources/videos

FNR Extension Specialists

| | | | |
|--|--|--------------|---------------------|
| Archer, Angela | Web Specialist, IL-IN Sea Grant – IISG website, student scholarships and grants | 765-496-3722 | amcbride@purdue.edu |
| Beugly, Jay | Aquatic Ecology Specialist, IL-IN Sea Grant – aquatic ecosystem research, outreach | 765-494-2930 | jbeugly@purdue.edu |
| Brooke, Jarred | Extension Wildlife Specialist – wildlife habitat, management, deer, bobwhite, turkey, grasslands | 765-494-8459 | jmbrooke@purdue.edu |
| Burgmeier, Nick | Research Biologist and Wildlife Extension Specialist – herpetology, conservation, hellbender | 812-767-4968 | nburgmei@purdue.edu |
| Carlson, Don | Purdue Forester – forest management, outreach, wood products | 812-458-6978 | carlsode@purdue.edu |
| Evans, Diana | Extension & Web Communications Specialist - global resource requests, communication liaison with state-wide community, Got Nature? blog site, FNR and FNR Extension websites | 765-494-3583 | evans44@purdue.edu |
| Farlee, Lenny | Hardwood Ecosystem Extension Specialist – forest regeneration, hardwood management, genetics | 765-494-2153 | lfarlee@purdue.edu |
| Foley, Carolyn | Assistant Research Coordinator, IL-IN Sea Grant - aquatic ecosystem research, outreach coordinator. | 765-496-3601 | cfoley@purdue.edu |
| Gazo, Rado | Professor - secondary wood products manufacturing processes. | 765-494-3634 | gazo@purdue.edu |
| Haviarova, Eva | Associate Professor - strength design & product engineering of furniture, new direction for emerging furniture design challenges, low cost furniture for underprivileged | 765-494-3619 | ehaviar@purdue.edu |
| Jackson, Liz | Manager Walnut Council/IFWOA & Engagement Specialist – walnut, sustaining hardwood ecosystem, forest regeneration, landowners, outreach | 765-583-3501 | jackson@purdue.edu |
| Jacobs, Doug Assoc. Head of Extension | Fred M van Eck Professor of Forest Biology – forest ecology, silviculture, regeneration, restoration | 765-494-3608 | djacobs@purdue.edu |

| | | | |
|---|---|---|---------------------|
| Koetz, Becca | Nature of Teaching Program Coordinator – environmental education, food waste, wildlife | 765-494-3608 | busser@purdue.edu |
| MacGowan, Brian, Extension Co-Director | Extension Wildlife Specialist - wildlife habitat, wildlife management, wildlife nuisances | 765-647-3538 | macgowan@purdue.edu |
| Prokopy, Linda | Professor – social dimensions of watershed management, climate change and agriculture, resource policy and behavior, environmental planning, land use planning | 765-496-2221 | lprokopy@purdue.edu |
| Purcell, Lindsey | Urban Forestry Specialist - tree identification, tree planting, urban tree diseases & pests, urban tree care | 765-494-3625 | lapurcel@purdue.edu |
| Quagraine, Kwamena | Aquaculture Marketing Specialist, IL-IN Sea Grant – aquaculture economics, seafood marketing and trade, aquaculture farm management, aquaponics | 765-494-4761 | kqugrai@purdue.edu |
| Rathfon, Ron | Extension Forester - forest management, timber marketing, tree planting, oak regeneration and ecology, invasive vegetation management, | 812-678-5049 Southern Indiana Purdue Ag Center (SIPAC), Dubois, IN | ronr@purdue.edu |
| Rode, Bob | Manager, Aquaculture Research Facility – aquaculture, aquaponics, aquaculture farm management | 765-583-0351 Aquaculture Center, West Lafayette, IN | rrode@purdue.edu |
| Salazar, Kara | Community Sustainability Extension Specialist - natural resource planning, land use, alternative energy, recycling, green infrastructure, water conservation. | 765-496-1070 | salazark@purdue.edu |
| Saunders, Michael | Associate Professor - hardwood silviculture, disturbance-based silviculture, FVS growth and yield modeling, disturbance ecology, management effects on wood quality | 765-494-2155 | msaunder@purdue.edu |
| Wagner, Bob | Department Head and Professor – forest regeneration, forest ecosystem management, biodiversity, herbicides | 765-494-3590 | rgwagner@purdue.edu |
| Walker, Daniel | Community Planning Extension Specialist – urban and regional planning, plan design | 769-496-2422 | walke422@purdue.edu |
| Williams, Rod | Associate Professor & Associate Provost for Engagement - herpetology, ecology & conservation, youth education | 765-494-3568 | rodw@purdue.edu |
| Zischke, Mitch | Clinical Assistant Professor – fish population dynamics, fish ecology, fishery socioeconomics, tropical marine science | 765-494-3601 | mzischke@purdue.edu |

Black Walnut

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-254 | Laminitis Caused by Black Walnut Wood Residue - Cassens | \$2.00 |
| FNR-148-W | Predicting Black Walnut Prices - Hoover | Available on web |
| FNR-FAQ-1 | Facts About Black Walnut - Roberts | Available on web |

Christmas Trees

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-423-W | Tips for First-Time Real Christmas Trees - Cassens | Available on web |
| FNR-422-W | Selecting an Indiana Grown Christmas Tree _ Cassens | Available on web |
| FNR-244 | A Choose-and-Cut Pine and Fir Christmas Tree Case Study - Daniel & Victoria Cassens | Available on web |

Climate Change

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| FNR-427-W | Climate Change: Where does it fit in your future plans? - R. McCormick & L. Dorworth | Available on web |
| FNR-426-W | Climate Change: How will you manage stormwater runoff? - R. McCormick & L. Dorworth | Available on web |
| FNR-425-W | Climate Change: Are you preparing for it? - R. McCormick, L. Dorworth & E. Bird | Available on web |

Economics, Marketing & Taxation

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| FNR-521-W | 2014 Forest Products Price Report and Trend Analysis - Hoover | Available on web |
| FNR-482-W | Investing in Indiana Woodlands - Hoover | Available on web |
| FNR-271-W | Who Does That Job? - A Forestry & Natural Resources coloring book - Haviarova | Available on web |
| FNR-269-W | Are Newsletters Effective? Assessing Their Role as a Communication Tool – Broussard, Floress | Available on web |
| FNR-138-W | Tips on How to Get the Most from Your Timber Harvest - Hoover | Available on web |
| FNR-111-W | Marketing Timber - Hoover | Available on web |
| FNR-93-W | Lumber from Urban and Construction-Site Trees - Cassens, Purcell | Available on web |

Cont'd Economics, Marketing & Taxation

| Item# | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-191-W | Log and Tree Scaling Techniques - Cassens | Available on web |
| FNR-190-W | Buck Your Logs to NHLA Rules? - Cassens | Available on web |
| FNR-91-W | Financial Maturity: A Guide to When Trees Should Be Harvested - Mills, Callahan | Available on web |
| FNR-86-W | The Economics of Timber Stand Improvement - Mills, Fischer | Available on web |
| FNR-4-W | How to Make and Use the Tree Measuring Stick - Fix | Available on web |
| FAQ-3-W | How to Treat Timber Sale Income - Hoover | Available on web |
| FAQ-2-W | Determining Tax Basis of Timber - Hoover | Available on web |

Environmental Contaminants

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-251-W | Status of Reforested Mine Sites in Southwestern Indiana – Rathfon, Filmore, Groninger | Available on web |
| FNR-245-W | Brownfields: A Rural Community Problem - Dorworth | Available on web |
| FNR-241-W | Understanding Why Some Organic Contaminants Pose a Health Risk - Dorworth | Available on web |

Fisheries

| Item # | Title/Author | Order Price |
|------------|---|------------------|
| FNR-573-W | The Nature of Teaching: Adaptations for Aquatic Amphibians – Williams | Available on web |
| FNR-569 | Pond Management: Stocking Fish in Indiana Ponds | \$5.50 |
| FNR-529-WV | How Anglers and Paddlers Can Help the Hellbender – Agriculture Research & Education | Available on web |
| FNR-495-W | Marine Shrimp Biofloc Systems: Basic Management Practices – Rode | Available on web |
| FNR-69-W | Fish Kills in Indiana-Their Causes and Prevention – Krauch | Available on web |

Forest and Plantation Management

| Item # | Title/Author | Order Price |
|---------------|---|--------------------|
| FNR-550-W | Large Tree Cabling and Bracing - Purcell | Available on web |
| FNR-547-W | Tree Support Systems - Purcell | Available on web |
| FNR-546-W | Costs and Returns of Producing Hops in Established Tree Plantations – Ha, Woeste, Farlee, Hoagland, Atallah, Benjamin | Available on web |
| FNR-543-WV | Hardwood Ecosystem Experiment: Wildlife Responses to Timber Harvesting – MacGowan, Sihart, Owings | Available on web |
| FNR-542-WV | Hardwood Ecosystem Experiment: Sustaining Our Oak-Hickory Forests – MacGowan, Swihart, Owings | Available on web |
| FNR-541-WV | Tree Pruning Essentials - Purcell | Available on web |
| FNR-535-W | Invasive Plants: Impact on Environment and People - Clarke | Available on web |
| FNR-534-W | Tree Pruning: What Do Trees Think? - Purcell | Available on web |
| FNR-531-W | Tree Selection for the “Un-natural” Environment – Purcell, Daniel | Available on web |
| FNR-530-W | Costs and Returns of Producing Wild-Simulated Ginseng in Established Tree Plantations – Benjamin, Woeste, Ha, Farlee, Hoagland, Atallah | Available on web |
| FNR-501-W | Breeding Birds and Forest Management: the Hardwood Ecosystem Experiment and the Central Hardwoods Region – Meier | Available on web |
| FNR-500-W | The Hardwood Ecosystem Experiment: Indiana Forestry and Wildlife – Andy Meier | Available on web |
| FNR-486-W | How to Build a Plastic Mesh Deer Exclusion Fence - Farlee, Beheler, Carlson, McKenna | Available on web |
| FNR-482-W | Investing in Indiana Woodlands – Hoover | Available on web |
| FNR-479-APP | Fifty Trees of the Midwest App – Purdue Extension | \$3.99 |
| FNR-421-W | Conservation and Management of Butternut Trees - Farlee | Available on web |
| FNR-402-W | Poster Abstracts of the Central Hardwood Forest Conference - Jacobs | Available on web |

Cont'd Forest and Plantation Management

| Item # | Title/Author | Order Price |
|-----------------|---|------------------|
| FNR-260-W | Natural Oak Regeneration following clearcutting on the Hoosier National Forest – Pursell, Rathfon | Available on web |
| FNR-229-W | Causes of Gummosis in Black Cherry (<i>Prunus serotina</i>) – Barnd, Ginzel | Available on web |
| FNR-164-W | Indiana Forest Issues and Recommendations - FNR | Available on web |
| FNR-151-W | Management of Forested Wetland Ecosystems in the Central Hardwood Region - Roberts, Rathfon | Available on web |
| FNR-145-W | Forest Ecosystem Management in the Central Hardwood Region - Roberts, Parker | Available on web |
| FNR-139-W | Forests and Our Environment - Miller, O'Malley, Seifert | Available on web |
| FNR-137-W | Forest Ecosystem Management in Indiana - Roberts (new web posting) | Available on web |
| FNR-136-W | Electric Fences for Preventing Browse Damage by White-tailed Deer - Miller, O'Malley, Meyers | Available on web |
| FNR-114-W | Spray Equipment Calibration - Holt | Available on web |
| FNR-104-W | Some Soil fungi Are Beneficial to Tree Seedling Growth - Pope | Available on web |
| FNR-102-W | Woodland Wildlife Management - Miller | Available on web |
| FNR-101-W | Timber Harvesting and Logging Practices for Private Woodlands – Pope, Fischer, Cassens | Available on web |
| FNR-89-W | Criteria for Evaluating Forestry Activities in Relation to Water Quality Management - Pope | Available on web |
| FNR-88-W | Forestry and Water Quality: Pollution Control Practices - Pope | Available on web |
| FNR-86-W | The Economics of Timber Stand Improvement - Mills, Fischer | Available on web |
| FNR-85-W | Forest Pest Control Perspective - Holt, Newton | Available on web |
| FNR 6-C | Shrubs of Indiana/Native Trees of the Midwest - Combo Package - Weeks, Parker, Weeks | \$58.50 |
| FNR-IDNR 414 | Forest Improvement handbook – Rathfon, Saunders | \$5.00 |
| FNR-IDNR-36 | Planting Forest Trees and Shrubs in Indiana – Rathfon, Jacobs, Farlee | \$4.00 |

Furniture Manufacturing

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-179-W | Performance Test Method for Intensive Use Chairs-FNEW 83-269: A Description of the Test Method with Drawings - Eckelman, Erdil | Available on web |
| FNR-176-W | General Services Administration Upholstered Furniture Test Method-FNAE 80-1214: A Description of the Method with Drawings - Eckelman, Erdil | Available on web |
| FNR-174-W | Machine Usage in Manufacturing Value-Added Wood Products - Gazo, Vlosky | Available on web |
| FNR-170-W | Joint Design Manual for Furniture Frames Constructed of Plywood and Oriented Strand Board - Eckelman, Erdil | Available on web |
| FNR-163-W | The Shrinking and Swelling of Wood and Its Effect on Furniture - Eckelman | Available on web |
| FNR-156-W | Wood Moisture Calculations - Eckelman | Available on web |
| FNR-155-W | Seasoning of Wood - Eckelman | Available on web |
| FNR-154-W | A Brief Survey of Wood Adhesives - Eckelman | Available on web |
| ID-347-W | Sources of Wood and Wood Residues for Energy Production in IN – Slaven, Haviarova, Ileleji | Available on web |

Hardwood Log, Lumber and Veneer Manufacturing

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-435-W | Manufacturing and Marketing Eastern Hardwood Lumber Produced by Thin Kerf Band Mills - Cassens | \$40.00 |
| FNR-410-W | Yellow-Poplar Lumber for Exterior Architectural Applications in New Construction and for Historical Restoration – Cassens, Hunt, Barnes | Available on web |
| FNR-403-W | Controlling Moisture Content in Stored Lumber – Cassens | Available on web |
| FNR-270 | Wood from Midwestern Trees – Cassens, Haviarova, Weeks | \$5.00 |
| FNR-240-W | Manufacturing Fine Hardwood Face Veneers - Cassens | Available on web |
| FNR-239-W | Factors Affecting the Quality of Hardwood Timber and Logs for Face Veneer - Cassens | Available on web |
| FNR-133-W | Quality Control in Lumber Purchasing: Surface, End and Internal Checking - Cassens | Available on web |
| FNR-132-W | Quality Control in Lumber Purchasing: Lumber Stress/Casehardening - Cassens | Available on web |
| FNR-131-W | Quality Control in Lumber Purchasing: Lumber Storage - Cassens | Available on web |
| FNR-130-W | Quality Control in Lumber Purchasing: Hardwood Lumber Grades - Cassens | Available on web |
| FNR-130-W | Quality Control in Lumber Purchasing: Hardwood Lumber Grades - Cassens Spanish Edition | Available on web |

Cont'd Hardwood Log, Lumber and Veneer Manufacturing

| Item | Title/Author | Order Price |
|-------------|--|--------------------|
| FNR-127-W | Factors Affecting the Quality of Timber for Face Veneer - Cassens | Available on web |
| FNR-90 | Sap Stain in Hardwood Logs and Lumber - Cassens | Available on web |
| FNR-84 | Hardwood Log Grades and Lumber Grades: Is There a Relationship? - Cassens, Fischer | Available on web |
| FNR-43-W | How to Identify Some Common Indiana Woods - Fix, Cassens | Available on web |
| FNR-37-W | Drying Small Quantities of Hardwood Lumber-Understanding the Effects of Moisture on Wood - Cassens | Available on web |
| FNR-34-W | The Forests of Indiana - Fix | Available on web |
| FNR-27-W | Some Important Indiana Hardwoods Their Characteristics and Uses - Cassens | Available on web |
| CD-FNR-406 | Lumber from Hardwood Trees - Cassens | \$25.00 |

Hardwood Lumber and Veneer Species

| Item # | Title/Author | Order Price |
|---------------|--------------------------------------|--------------------|
| CD-FNR-406 | Lumber from Hardwood Trees - Cassens | \$25.00 |
| FNR-272-W | Ash - Cassens | Available on web |
| FNR 273W | Aspen - Cassens | Available on web |
| FNR-274-W | Basswood - Cassens | Available on web |
| FNR-275-W | Beech - Cassens | Available on web |
| FNR-276-W | Black Cherry - Cassens | Available on web |
| FNR-277-W | Black Locust - Cassens | Available on web |
| FNR-278-W | Black Walnut - Cassens | Available on web |

Cont'd Hardwood Lumber and Veneer Species

| Item # | Title/Author | Order Price |
|---------------|-------------------------------------|--------------------|
| FNR-301-W | Willow - Cassens | Available on web |
| FNR-300-W | Sweetgum - Cassens | Available on web |
| FNR-299-W | Buckeye - Cassens | Available on web |
| FNR-298-W | Black Gum and Tupelo - Cassens | Available on web |
| FNR-293-W | Yellow-Poplar - Cassens | Available on web |
| FNR-292-W | White Oak - Cassens | Available on web |
| FNR-291-W | Sycamore - Cassens | Available on web |
| FNR-290-W | Soft Maple - Cassens | Available on web |
| FNR-289-W | Sassafras - Cassens | Available on web |
| FNR-288-W | Red Oak - Cassens | Available on web |
| FNR-287-W | Hard or Sugar Maple - Cassens | Available on web |
| FNR-286-W | Honey Locust - Cassens | Available on web |
| FNR-285-W | Hickory and Pecan Species - Cassens | Available on web |
| FNR-284-W | Hackberry/Sugarberry - Cassens | Available on web |
| FNR-283-W | Elm - Cassens | Available on web |
| FNR-282-W | Cottonwood - Cassens | Available on web |
| FNR-281-W | Coffeetree - Cassens | Available on web |
| FNR-280-W | Butternut - Cassens | Available on web |
| FNR-279-W | Birch - Cassens | Available on web |

Invasive Plant Species

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-477-W | Invasive Plant Species Fact Sheets: Japanese Chaff Flower – Rathfon, Eubank | Available on web |
| FNR-437-W | Invasive Plant Species Fact Sheets: Poison Hemlock - Rathfon | Available on web |
| FNR-436-W | Control of Canada Thistle in CRP and other Noncrop Acreage - MacGowan | Available on web |
| ID-464-W | Commercial Greenhouse and Nursery Production: Alternative Options for Invasive Landscape Plants – Lerner, Daniel, Purcell | Available on web |

Land Use

| Item # | Title/Author | Order Price |
|------------|---|------------------------|
| FNR-556-WV | Calibrating a No-Till Drill for Conservation Plantings and Wildlife Food Plots – Brooke, MacGowan, Boggess | Available on web |
| FNR-549-W | The Great Clearcut Controversy – Greenler, Saunders | Available on web |
| FNR-548-W | Renovating native warm-season grass stands for wildlife: A Land Manager's Guide – Brooke, Harper | \$10.00 |
| FNR-528-WV | Improving Water Quality At Your Livestock Operation – Kuechle, Williams | \$0.00 |
| FNR-517-WV | Managing Woodlands for Birds - Dunning | Available on web |
| FNR-512-W | Trees and Electric Lines - Purcell | Available on web |
| FNR-510 | Enhancing the Value of Public Spaces Facilitation Guide – Salazar | Available on web |
| FNR-497-W | Enhancing the Value of Public Spaces – Salazar | \$25 ZIP file download |
| FNR-488-W | Adoption of Agricultural Conservation Practices: Insights from Research & Practice – Prokopy, Towery, Babin | Available on web |
| FNR-409-W | Smart Growth & Protection of Natural Resources in Indiana – McCormick, Dorworth | Available on web |
| FNR-257 | Open Space Planning - Prokopy, McCormick, Reimer | \$2.00 |
| FNR-256 | Storm Water and Non-point Source Pollution - Prokopy, McCormick, Reimer | \$2.00 |
| FNR-255 | Storm Water Runoff - Prokopy, McCormick, Reimer | \$2.00 |

Cont'd Land Use

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| FNR-201-W | Protection of Forest Land in Indiana - Hoover | Available on web |
| ID-275-W | Tax Treatment of Conservation Easements - Hoover | Available on web |

Outdoor Recreation

| Item # | Title/Author | Order Price |
|---------------------|---|------------------|
| CD-FNR-2 | Fifty Trees of Indiana - An interactive tool to identify trees - Mckenzie (Single Copy) (10 copies) | \$35000 |
| FAQ-5-W | Why Leaves Change Color - The Physiological Basis - Chaney | Available on web |
| FNR-577-WV | Frost Seeding to Establish Wildlife Food Plots and Native Grass and Forb Plantings – Brooke | Available on web |
| FNR-555-WV | Handling Harvested Game: Field Dressing – Williams, Cordes | Available on web |
| FNR-545 | Indiana Amphibian and Reptile ID Package – Burgmeier, Williams, MacGowan, Hoverman, Walker | \$36.00 |
| FNR-524-WV | Invasive Plant Species: Wintercreeper – Thomas, Rathfon, Farlee | Available on web |
| FNR-523-WV | Invasive Plant Species: Callery Pear – Thomas, Rathfon, Farlee | Available on web |
| FNR-522-WV | Invasive Plant Species: Oriental Bittersweet – Thomas, Farlee | Available on web |
| FNR-407 | Stewart Woods Tree Trail - Downloadable audio or script file - Jacobs | Available on web |
| FNR-269-W | Are Newsletters Effective? Assessing Their Role as a Communication Tool- Broussard, Floress | Available on web |
| FNR-121-W | Pathways for People-Trail Design to Minimize Environmental Damage and Enhance User Enjoyment - Hultsman, Hultsman | Available on web |
| FNR-DeerData-WV | White-Tailed Deer Post Harvest Collection - Brooke | Available on web |
| FNR-DeerDeboning-WV | Handling Harvested Game: Episode 3, Deboning – Williams, Cordes | Available on web |

Cont'd Outdoor Recreation

| Item # | Title/Author | Order Price |
|-----------------------------|---|------------------|
| FNR- DeerSkinning- WV | Handling Harvested Game: Episode 2, Skinning – Williams, Cordes | Available on web |

Planting and Care of Fine Hardwood Seedlings, a Series

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-433-W | Tree Installation: Process and Practices – Purcell | Available on web |
| FNR-230-W | Invasive Plant Species in Hardwood Tree Plantations – Beasley, Pijut | Available on web |
| FNR-229-W | Causes of Gummosis in Black Cherry (<i>Prunus serotina</i>) – Barnd, Ginzel | Available on web |
| FNR-227 | Insects Affecting Hardwood Tree Plantings – Barnd, Pijut, Ginzel | Available on web |
| FNR-226-W | Resources and Assistance Available for Planting Hardwood Seedlings - Farlee | \$2.00 |
| FNR-225 | Enrichment Planting of Oaks – Morrissey, Seifert, King, Selig | \$2.00 |
| FNR-224 | Weed Competition Control in Hardwood Plantations – Seifert, Selig, Morrissey | \$2.00 |
| FNR-223 | Planning the Tree Planting Operation - Meilan | \$2.00 |
| FNR-222 | A Guide to Legal and Genetic Terminology Used in the Sale of Hardwood Seeds and Planting Stock – Woeste, Woeste | \$2.00 |
| FNR-221 | Diseases in Hardwood Tree Plantings - Pijut | \$2.00 |
| FNR-220 | Site Preparation for Tree Planting in Agricultural Fields and Hardwood Forests – Michler, Rathfon | \$2.00 |
| FNR-219 | Importance of Hardwood Tree Plantings - Jacobs | \$2.00 |
| FNR-218 | Native Hardwood Trees of the Central Forest Region - Pijut | \$2.00 |
| FNR-217 | Environmental and Management Injury in Hardwood Tree Plantations - Seifert, Woeste | \$2.00 |
| FNR-216 | Diagnosing and Controlling Wildlife Damage in Hardwood Plantations - McKenna | \$2.00 |
| FNR-215 | Fertilizing, Pruning, and Thinning Hardwood Plantations, McKenna, Woeste | \$2.00 |
| FNR-214-W | Financial and Tax Aspects of Tree Planting - Hoover | Available on web |
| FNR-213 | Designing Hardwood Tree Plantings for Wildlife - MacGowan | Available on web |
| FNR-212 | Nursery Production of Hardwood Seedlings - Jacobs | Available on web |

Cont'd Planting and Care of Fine Hardwood Seedlings, a Series

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-211-W | Regenerating Hardwoods in the Central Hardwood Region: Soils - Ponder, Pope | Available on web |
| FNR-210 | Planting Hardwood Seedlings in the Central Hardwood Region - Pijut | Available on web |
| FNR-149 | Important Information About Planting Black Walnut In Indiana – Roberts, Beineke | Available on web |

Right of Way Maintenance

| Item # | Title/Author | Order Price |
|----------|------------------------------------|------------------|
| FNR-114W | Spray Equipment Calibration - Holt | Available on web |

Spanish Language Publications

| Item # | Title/Author | Order Price |
|-------------|--|------------------|
| FNR-506-S-W | Lo esencial para la poda de árboles – Lindsey Purcell | Available on web |
| FNR-433-S-W | Instalacion de arboles: Proceso y practicas/Tree Installation: Process and Practices – Lindsey Purcell | Available on web |
| FNR-130-W | Quality Control in Lumber Purchasing: Hardwood Lumber Grades Spanish Edition – Dan Cassens | Available on web |
| PTR AgroFor | Agroforestry Development Posters in Spanish based on SUCO's Machete Verde - Hoover | Request by email |

Sustainable Communities

| Item # | Title/Author | Order Price |
|-----------|--|------------------------|
| FNR-497-W | Enhancing the Value of Public Spaces – Salazar | \$25 ZIP file download |

A Landowners Guide to Sustainable Forestry

| Item # | Title/Author | Order Price |
|---------|---|------------------|
| 1-W | The Hardwood Ecosystem Experiment: 2006-2016 – Charlotte Owings | Available on web |
| FNR-187 | Part 8 - Help! – Rathfon, Hoover, Ernst, Pursell | \$2.00 |
| FNR-186 | Part 7 - Managing for a Diversity of Value-Added Forest Products - Rathfon | \$2.00 |
| FNR-185 | Part 6 - Maintaining the Aesthetic Beauty and Enhancing the Recreational and Cultural Values of Your Forest - Rathfon | \$2.00 |
| FNR-184 | Part 5 - Forests and Water – Rathfon, Ernst, Pursell | \$2.00 |
| FNR-183 | Part 4 - Conserving Nature – Pursell, Rathfon | \$2.00 |

Cont'd A Landowners Guide to Sustainable Forestry

| Item # | Title/Author | Order Price |
|---------|--|-------------|
| FNR-182 | Part 3 - Keeping the Forest Healthy and productive – Rathfon, Farlee | \$3.00 |
| FNR-181 | Part 2 - Planning for the Future – Rathfon, Farlee | \$2.00 |
| FNR-180 | Part 1 - Sustainable Forestry-What Does It Mean for Indiana? - Rathfon | \$2.00 |

Tree Identification

| Item # | Title/Author | Order Price |
|-------------|---|------------------|
| FNR-479-APP | Fifty Trees of the Midwest App – Purdue Extension | \$3.99 |
| CD-FNR-1 | Trees of Indiana - Parker, Weeks | \$25.00 |
| CD-FNR-2 | Fifty Trees of the Midwest - CD with an interactive tool to identify trees - McKenzie (single copy) | \$15.00 |
| CD-FNR-2P | Fifty Trees of Indiana - CD with an interactive tool to identify trees - McKenzie (10 copies) | \$100.00 |
| FNR-43-W | How to Identify Some Common Indiana Woods – Fix, Cassens | Available on web |
| FNR-237-W | Red and White Mulberry in Indiana - Weeks | Available on web |
| FNR-238-W | Indiana's Native Magnolias - Weeks | Available on web |
| FNR-420-W | Identification of Butternuts and Butternut Hybrids - Farlee | Available on web |
| FNR-422-W | Selecting an Indiana Grown Christmas Tree - Cassens | Available on web |
| FNR-538-WV | Tree Planting Part 1: Choosing a Tree - Purcell | Available on web |
| FNR-540-WV | Tree Planting Part 2: Planting Your Tree – Agriculture Research & Education | Available on web |
| 4-H 15-80 | Fifty Trees of Indiana - McKenzie | \$3.00 |

Urban Forestry

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-490-W | Urban Wood and Traditional Wood: A Comparison of Properties and Uses – Cassens, Makra | Available on web |
| FNR-492-W | Mechanical Damage to Trees: Mowing and Maintenance Equipment – Purcell | Available on web |
| FNR-489-W | Indiana's Urban Woodlots - Purcell, Farlee | Available on web |

Cont'd Urban Forestry

| Item # | Title/Author | Order Price |
|-----------|--|------------------------|
| FNR-483-W | Drought? Don't Forget the Trees – Purcell | Available on web |
| FNR-484-W | Winterize Your Trees – Purcell | Available on web |
| FNR-475-W | Tree Risk Management – Purcell | Available on web |
| FNR-497-W | Enhancing the Value of Public Spaces – Salazar, Wilcox | \$25 ZIP file download |
| FNR-506-W | Tree Pruning Essentials – Purcell | Available on web |
| FNR-512-W | Trees and Electric Lines – Purcell | Available on web |

Watershed

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| FNR-476-W | The Nature of Teaching: discovering the Watershed – Williams | Available on web |

Wetlands

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-151-W | Management of Forested Wetland Ecosystems in the Central Hardwood Region - Roberts, Rathfon | Available on web |
| FNR-89-W | Criteria for Evaluating Forestry Activities in Relation to Water Quality Management - Pope | Available on web |

Wildlife

| Item # | Title/Author | Order Price |
|-------------|---|------------------|
| 4-H-992-W | Teaching Wildlife Habitat Evaluation – Carroll, Williams | Available on web |
| CD-FNR-3 | Snakes of the Midwest - this CD focuses on snakes found in Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio and Wisconsin and their behavior, ecology, distribution and other habits. - MacGowan, Kingsbury | \$14.95 |
| DVD-FNR-266 | Wildlife CSI: Unraveling the Mysteries of Wildlife Crop Damage | \$9.95 |

Cont'd Wildlife

| Item # | Title/Author | Order Price |
|---------------|---|--------------------|
| FAQ-15-W | Indiana Farmland Provides Rest and Forage for Arctic Travelers - Mast, Dunning | Available on web |
| FNR-579 | Salmon and Trout of the Great Lakes: A Visual Identification Guide – Lerner, Daniel, Purcell | Available on web |
| FNR-571-W | Considerations for Trapping Nuisance Wildlife with Box Traps – Brian MacGowan | Available on web |
| FNR-562-W | Birds and Residential Window Strikes: Tips for Prevention - Antonides | Available on web |
| FNR-550-W | Bovine Tuberculosis in Wild White-tailed Deer - Purcell | Available on web |
| FNR-544-W | How Our Zoos Help Hellbenders – Burgmeier, Plis, Piropato, McGinnity, Groves, Shields, Williams | Available on web |
| FNR-537-WV | Improving Water Quality by Protecting Sinkholes on Your Property – Burgmeier, Harris, Williams | Available on web |
| FNR-536-W | Help the Hellbender, North America's Giant Salamander – Burgmeier, Williams | Available on web |
| FNR-519-W | Selecting a Nuisance Wildlife Control Professional – MacGowan | Available on web |
| FNR-518-WV | Forest Birds - Dunning | Available on web |
| FNR-517-WV | Managing Woodlands for Birds – Dunning | Available on web |
| FNR-516 | Frogs and Toads of Indiana – Williams, MacGowan, Hoverman, Burgmeier, Walker | \$10.00 |
| FNR-515-W | Wildlife Habitat Education Program: Wildlife Identification Guide – Cordes, Chapman, Williams | Available on web |
| FNR-514-W | Quail Habitat: Putting the Numbers in Perspective – Chapman, Sudcamp | Available on web |
| FNR-513-WV | Hellbender ID Video – Koetz (Busse), Williams, Agriculture Research & Education | Available on web |
| FNR-509-W | Wildlife Habitat Evaluation Program: Preparing For the Wildlife Challenge: WHEP – Williams | Available on web |
| FNR-508-WV | Age Determination in White-Tailed Deer - Agriculture Research & Education | Available on web |
| FNR-507-WV | How to Score Your White-Tailed Deer - Agriculture Research & Education | Available on web |

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|-------------|--|------------------|
| FNR-498-APP | Soundscape Recorder – B. Pijanowski | No cost |
| FNR-494-W | Wildlife Habitat Education Program - Teaching and Learning Wildlife Management Practices – B. MacGowan | Available on web |
| FNR-485-W | Ranavirus: Emerging Threat to Amphibians - Hoverman | Available on web |
| FNR-480-W | Forest Management for Reptiles and Amphibians: A Technical Guide for the Midwest – Jami McNeil, Brian MacGowan, Andrea Currylow & Rod Williams | Available on web |
| FNR-478-W | Appreciating Reptiles and Amphibians in Nature – Brian MacGowan & Rod Williams | Available on web |
| FNR-476-W | The Nature of Teaching: Discovering the Watershed | Available on web |
| FNR-472-W | The Nature of Teaching: Unit 5, Ashes to Ashes: We All Grow Up | Available on web |
| FNR-471 | Eastern Hellbender – S. Unger & R. Williams | Request only |
| FNR-470-W | The Nature of Teaching: Coloration Exploration – Rod Williams | Available on web |
| FNR-469 | Snakes and Lizards of Indiana – Brian MacGowan & Rod Williams | \$10.00 |
| FNR-432-W | The Nature of Teaching: Unit 4, Mammals and Ecosystem – Cheryl Van Laeken, Robert Chapman & Rod Williams | Available on web |
| FNR-431-W | The Nature of Teaching: Eco-collapse Lesson Plan – Allison Gordon, Kaeda Boyles, Jessica Callahan, Michael Bradt & Rod Williams | Available on web |
| FNR-430-W | The Nature of Teaching, Unit 3: Reptiles, Amphibians, and the Scientific Method – Rob Chapman & Rod Williams | Available on web |
| FNR-428-P | Snakes, Turtles, and Salamanders Combo package (3 Books and CD) - B. MacGowan & R. Williams | \$44.90 |
| FNR-525-WV | How to Construct a Scent Station | Available on web |
| FNR-424-W | Study Guide for the National FFA Environmental and Natural Resources CDE Identification Practicum | Available on web |
| FNR-418-W | The Nature of Teaching, Unit 2: Mammal Food Webs - Williams | Available on web |
| FNR-417-W | The Nature of Teaching Unit 1: Animal Diversity and Tracking - Williams | Available on web |
| FNR-416-W | Emerging Issues in White-tailed Deer Management and Conservation | Available on web |
| FNR-413-W | The Nature of Teaching: Common Indiana Mammals – Lucas Woody, Estelle Coffin, Heather Powell & Rod Williams | Available on web |
| FNR-405 | Snakes of the Central and Northeastern United States | Available on web |

Cont'd Wildlife

| Item # | Title/Author | Order Price |
|---------------|---|--------------------|
| FNR-404-W | Preventing Wildlife Damage--Do You Need a Permit? - MacGowan, Loven, Whitford | Available on web |
| FNR-401-W | Small woodlots: Important Rest Stops for Migratory Songbirds | Available on web |
| FNR-267 | Identification of Wildlife Crop Depredation | \$4.95 |
| FNR-265-W | Corn and Soybean Crop Depredation by Wildlife - Macgowan, Humbert, Beasley, DeVault, Retamosa, Rhodes. Jr. | Available on web |
| FNR-264-W | Truths and Myths about Wild Turkey | Available on web |
| FNR-261 | Salamanders of Indiana | \$7.50 |
| FNR-258 | Managing Wildlife for Sustainable Forests/Managing Forests for Sustainable Wildlife, Conference Abstracts (Various authors) | Request by email |
| FNR-249-W | Attracting Hummingbirds to your Yard - Miller, MacGowan | Available on web |
| FNR-248-W | Attracting Butterflies to Your Yard - MacGowan, Miller | Available on web |
| FNR-247-W | Putting a Little Wildlife in Your Backyard this Spring - Miller, MacGowan | Available on web |
| FNR-246-W | Size Does Matter - Nest Boxes for Wildlife - MacGowan, Miller, | Available on web |
| FNR-243 | Turtles of Indiana - MacGowan, Kingsbury, Williams | \$7.50 |
| FNR-213-W | Designing Hardwood Tree Plantings for Wildlife - MacGowan | Available on web |
| FNR-205 | Wildlife ID and Equipment Flash Cards | \$18.00 |
| FNR-203-W | Why Do Animals Eat Bark and Wood from Trees and Shrubs? - Chaney | Available on web |
| FNR-125-W | Managing Forest & Wildlife Resources; An Integrated Approach -Miller, Stiles, Wilds (new web posting) | Available on web |
| FNR-194-W | Food Plots for White-Tailed Deer - MacGowan | Available on web |
| FNR-193-W | The Basics of Managing Wildlife on Agricultural Lands - MacGowan, Miller | Available on web |
| FNR-175-W | Assessing Your Land's Potential for Wildlife - Miller, MacGowan | Available on web |
| FNR-173 | Snakes of Indiana - MacGowan, Kingsbury (Available as book or on CD.) | \$10.00 |
| FNR-165-W | Birds of Benton County, Indiana - Dunning, Braille | Available on web |
| FNR-136-W | Electric Fences for Preventing Browse Damage by White-tailed Deer - Miller, O'Malley, Myers | Available on web |
| FNR-102-W | Woodland Wildlife Management - Miller | Available on web |

Cont'd Wildlife

| Item # | Title/Author | Order Price |
|----------|--|------------------|
| FNR-97-W | Wildlife Field Notes: Mast, An Important Wildlife Food Source - Montague | Available on web |
| FNR-38-W | Tree Windbreaks for Farms and Homes - Miller, MacGowan | Available on web |
| MP-903 | Quail-Friendly Plants of the Midwest | Available on web |

Wood for Fuel

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| FNR-109 | Top Weight Estimates for Sawlog Size Hardwood Lumber - Cassens | \$2.00 |
| FNR-100-W | Residential Wood Stove Installation - Cassens, Badenhop | Available on web |
| FNR-79-W | Wood for Home Heating - Cassens | Available on web |

Wood Finishing

| Item # | Title/Author | Order Price |
|-----------|--|------------------|
| NCR-136-W | Finishing and Maintaining Wood Floors - Cassens, Feist | Available on web |
| NCR-135-W | Selection and Application of Exterior Finishes for Wood - Cassens, Feist | Available on web |
| NCR-134-W | Discoloration of House Paint-Causes and Cures - Cassens, Feist | Available on web |
| NCR-133-W | Paint Failure Problems and Their Cure - Cassens, Feist | Available on web |
| NCR-132-W | Finishing Exterior Plywood, Hardboard and Particleboard - Cassens, Feist | Available on web |

Wood Waste for Energy

| Item # | Title/Author | Order Price |
|-----------|---|------------------|
| FNR-499-W | How to Build a Simple Chair for Schools or Homes in Disadvantaged Areas of the World Using Local Resources and Low-End Technology - Haviarova, Eckelman, Warner | Available on web |

Wood Products

| Item # | Title/Author | Order Price |
|---------------------------------|--|------------------|
| FNR- WoodScrapesto Use-WV | Finding Creative Uses for Residue Material - Haviarova | Available on web |
| ID-421-W | Properties of Wood Waste Stored for Energy Production - E. Haviarova | Available on web |

Yard & Street Trees

| Item # | Title/Author | Order Price |
|--------------|--|------------------|
| FNR-FAQ-19-W | Trees Need a Proper Start - Prune Them Right - McKenzie | Available on web |
| FAQ-17-W | Does Night Lighting Harm Trees? - Chaney | Available on web |
| FAQ-14-W | What's Wrong with Topping Trees? - McKenzie | Available on web |
| FAQ-13-W | Why Hire an Arborist? - McKenzie | Available on web |
| FAQ-12-W | Storms and trees - McKenzie | Available on web |
| FAQ-11-W | Why Are My Trees Dying? (Construction Damage)- McKenzie | Available on web |
| FAQ-10-W | White Pine and Salt Tolerance - McKenzie | Available on web |
| FAQ-9-W | Trees and Lightning - McKenzie | Available on web |
| FAQ-6-W | Should Newly Planted Trees Be Staked and Tied? - Chaney | Available on web |
| FAQ-5-W | Why Leaves Change Color - The Physiological Basis - Chaney | Available on web |
| FNR-563-W | Corrective Pruning for Deciduous Trees - Purcell | Available on web |
| FNR-506-W | Tree Pruning Essentials - Purcell | Available on web |
| FNR-483-W | Drought? Don't Forget the Trees -Purcell | Available on web |
| FNR-474-W | Tree Appraisal - Purcell | Available on web |
| FNR-473-W | Graffiti Removal From Trees - Purcell | Available on web |
| FNR-463-W | Construction and Trees: Guidelines for Protection - Purcell | Available on web |
| FNR-252-W | Growth Retardants - A Promising Tool for Managing Urban Trees - Chaney | Available on web |
| FNR-259-W | The Legendary Boabab - Chaney | Available on web |
| FNR-250-W | Are Trees Getting Fat Too? - Chaney | Available on web |
| FNR-114-W | Spray Equipment Calibration - Holt | Available on web |
| FNR-104-W | Some Soil fungi Are Beneficial to Tree Seedling Growth - Pope | Available on web |
| FNR-93-W | Use of Urban and Development Site Trees for Lumber - Cassens, McKenzie | Available on web |
| FNR-85-W | Forest Pest Control Perspective - Holt, Newton | Available on web |
| FNR-38-W | Tree Windbreaks for Farms and Homes – Miller, MacGowan | Available on web |

Cont'd Yard & Street Trees

| Item # | Title/Author | Order Price |
|---------------|--|--------------------|
| FNR-4-W | How to Make and Use the Tree Measuring Stick - Fix | Available on web |

Posters

| Item # | Title/Author | Order Price |
|---------------|--|---------------------|
| FNR-199 | People Need Trees Poster: Prune it Right - McKenzie | Contact Ext. Office |
| FNR-197 | People Need Trees Poster: Plant the Right Tree in the Right Place - McKenzie | Contact Ext. Office |
| FNR-195 | People Need Trees Poster: Benefits and Values - McKenzie | Contact Ext. Office |

Coloring Books

| Item # | Title/Author | Order Price |
|---------------|---|--------------------|
| FNR-470-W | The Nature of Teaching: Coloration Exploration – Williams | Available on web |
| FNR-263-W | How Baby Bear's Chair Was Made – Haviarova | Available on web |

K12 Teacher and Student Resources

| Item # | Title/Author | Order Price |
|---------------|--|--------------------|
| FNR-558-W | Food Waste and Natural Resources Lesson Plans - Koetz (Busse) | Available on web |
| FNR-557-W | What a Waste of Food! Lesson Plans and PowerPoint - Koetz (Busse) | Available on web |
| FNR-552-W | The Scientific Process of Conservation Biology: Analyze, Design, Debate – Widner, Williams | Available on web |
| FNR-539-W | Benefits of Connecting with Nature – Hunt, Zuber, Pedigo, Williams | Available on web |
| FNR-533-W | Promote Conservation Through an Effective Campaign – Bentlage, Prokopy | Available on web |
| FNR-532-W | Hellbenders Rock! – Koetz (Busse), Rollins, Williams, Kronewitter | Available on web |