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This reference focuses on the unique requirements of off-grid living as well as using “green” energy for homeowners who remain connected to the electrical utility. The book contains chapters on: energy efficiency and economics; home heating and cooling and domestic water heating; Photovoltaic, wind, and micro-hydro energy generation; Battery selection and inverters; and Backup power, wireless communications. It includes comprehensive specifications for many of the products available in the market today. AZTEXT PRESS

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Classmaster CD-ROM: Includes the Lab Manual and Instructor’s Guide as .PDF files with license to unlimited use of all lab material provided. Order Number: 3971-9 ......................... $564.95
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CHELSEA HOUSE

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This amazing guide brings together clear track and trail illustrations, range maps, and full-color photographs showing feeding signs, scat, tunnels, burrows, bedding areas, remains, and more. It explains how to find, identify, measure, and interpret the clues mammals leave behind. An invaluable resource for beginning or professional trackers and wildlife enthusiasts. STACKPOLE

792 page, 2003, paperback
Order Number: SP2626-6 .................................................. $46.95

HOOVER DAM
This DVD not only walks you through the history, construction, and hydroelectric power of the dam but also allows you to better understand this portion of our history by providing insight about the men and their families involved in the construction. The unique aspects of the dam’s artwork as well as Lake Mead National Recreation Area also are discussed. Students will understand the drastic impact Hoover Dam had on the United States during the 1930s and how it still impacts us today. 54 minutes, 2008. CEV

DVD: Order Number: CEV184D .............................................. $110.00

CAREERS IN WILDLIFE MANAGEMENT
A career in wildlife management involves the protection and preservation of wildlife for the enjoyment of future generations. One day you may be doing the type of work demonstrated here by a federal game warden, a state wildlife biologist, manager of a rehabilitation center, or one of the many other careers at the federal, state, or private level. 43 minutes, 2009. CEV

DVD: Order Number: CEV937D .............................................. $99.00

MICRO ECO-FARMING
Prospering from Backyard to Small Acreage In Partnership with the Earth
This book explains how micro eco-farmers across the nation succeed, how they start “with nothing,” what traits they share, and what secrets they know about restoring the planet while creating an abundance of healthy products produced in very small spaces. It is filled with hundreds of real-life examples with ideas, resources and methods for all who aspire to create their own micro eco-farm. NEW WORLD

176 pages, 2004, paperback
Order Number: IND37 ........................................................ $16.95

USING A MAP & COMPASS
This book provides basic knowledge of using a compass, reading maps, navigating in the field, and understanding the weather. Using a Map & Compass is the ideal guide to safely exploring the outdoors while preserving the natural splendor of our wilderness areas. Understand navigation through use of topographical maps and a compass, plus good judgment and the basic knowledge that this book provides. STACKPOLE

156 pages, 1995, paperback
Order Number: SP2591-X .................................................. $16.95

FISH & WILDLIFE, 3E
Principles of Zoology and Ecology
This text provides a broad-spectrum overview for high school students; of the wild animals of North America and the environments they live in, including basic principles of science as they apply to wild animals and the habitats they occupy. Content includes chapters that detail zoology and ecology basics; zoology and ecology of mammals, birds, fishes, reptiles and amphibians; and conservation and management of wildlife resources. It also identifies chapter objectives, evaluation materials, suggested class activities, key terms, and internet key words to guide student's in-depth study. DELMAR

Text: 514 pages, 2010, hardcover
Order Number: 1964-3 -------------------- $213.95 each, $171.16 (10 or more)
Instructor's Guide:
Order Number: 1964-3 .................. $21.95
Order Number: 1965-0 .................. $540.95

WILDLIFE & NATURAL RESOURCE MANAGEMENT, 3E
This text contains subject areas such as the history of wildlife conservation in America, the history of modern wildlife and fisheries management, and the financing of wildlife conservation in America are discussed in detail. It also provides a look at fossil fuels, their role in our society, their conservation, as well as discussing soil, forest, water management, and conservation. Also included are student activities, glossary, and appendices. DELMAR

Text: 464 Pages, 2011, hardcover
Order Number: 5397-5 .................. $225.95, $180.76 (10 or more)
Instructor's Guide:
Order Number: 5398-2 .................. $22.95
Workbook:
Order Number: 5399-9 .................. $107.95, $86.36 (10 or more)
Workbook Instructor's Guide:
Order Number: 5400-2 .................. $22.95
ClassMaster CD-ROM:
Order Number: 5401-4 .................. $457.95

www.finney-hobar.com
### STOREY’S GUIDE TO KEEPING HONEY BEES

With this book as their guide, beekeepers will understand how to plan a hive, acquire bees, install a colony, keep bees healthy, maintain a healthy hive, understand and prevent new diseases, and harvest honey crops. Keeping Honey Bees also provides an overview of the honey bee colony life, insights into honey bee anatomy and behavior, detailed, up-to-date information about diseases and other potential risks to bees, and more.

256 Pages, 2010, paperback  
Order Number: SGW550-8.................................$19.95

### THE COMPLETE GUIDE TO EDIBLE WILD PLANTS

Anyone who has spent serious time outdoors knows that in survival situations, wild plants are often the only sustenance available. The proper identification of these plants can mean the difference between survival and death. This book describes habitat and distribution, physical characteristics, and edible parts of wild plants—the key elements of identification. Hugely important to the book is its color photos. There are over one hundred of them, further simplifying the identification of poisonous and edible plants. No serious outdoors person should ever hit the trail without this book and the knowledge contained within it.

160 pages, 2009, paperback  
Order Number: GOV554..................................$12.95

### FIELD GUIDE TO MUSHROOMS

This 762 full-color identification photographs show mushrooms as they appear in natural habitats. Organized visually, the book groups all mushrooms by color and shape to make identification simple and accurate in the field, while the text account for each species includes a detailed physical description, information on edibility, season, habitat, range, look-alikes, alternative names, and facts on edible and poisonous species, uses, and folklore. A supplementary section on cooking and eating wild mushrooms, and illustrations identifying the parts of a mushroom round out this essential guide.

928 pages, 1981, paperback  
Order Number: GOV545..................................$20.95

### HOW TO MAKE MAPLE SYRUP

Learn how to make your own maple syrup from start to finish. Third-generation syrup makers Alison and Steven Anderson guide you through the process, from collection through cooking and bottling. With a family tradition as syrup makers, The Andersons have first-hand knowledge of commercial production: cooking with evaporators, grading the syrup, building a sugarhouse, bottling, pricing, and marketing. They share all this and more in their beginner’s guide to the rustic tradition of making syrup. Whether you want a few bottles of syrup for your family’s pancakes or you want to start your own business, this in-depth reference has the information you need.

120 pages, 2014, softcover  
Order Number: SGW171-0...............................$9.95

### FIELD GUIDE TO BIRDS OF NORTH AMERICA

This book contains more than 750 birds in a single portable volume with 2,100 stunning color photographs. The birds are pictured in their natural habitats with captions highlighting important field marks. Information on habitats, behavior, and vocalization for each species is included along with more than 600 four-color range maps showing distribution in all seasons. It has comprehensive information on flight, migration, songs, plumages, and natural history of birds. All this and more in a waterproof cover.

528 pages, 2007, paperback  
Order Number: STE3874-6.............................$19.95

### WILD DUCKS AND GEESE OF NORTH AMERICA

As a complete guide to the 45 species of waterfowl found in North America, this book, which is illustrated by renowned wildlife and marine artist Russ Smiley, includes summer and winter range charts and information on the feeding habits and flyways of wild ducks and geese.

64 pages, 1978, paperback  
Order Number: WW-0186..............................$3.95

### BIRD TRACKS & SIGN

A Guide to North American Species

This richly illustrated full-color guide—the first of its kind for North American birds—offers thorough and straightforward instruction for identifying birds families and individual species by careful examination of the unique sign they leave behind in the wild: tracks and trails, feathers, feeding signs and caches, pellets, nests, droppings, and skulls.

456 pages, 2001, paperback  
Order Number: SP2696-7..............................$36.95

### THE BACKYARD BEEKEEPER’S HONEY HANDBOOK

A Guide to Creating, Harvesting, and Cooking with Natural Honeys

In The Backyard Beekeeper’s Honey Handbook, seasoned expert, Kim Flottum explains the process of moving honey from bee hive to honey house and how to reveal and extract it so none of the finer aromas, tastes, or colors are bruised, burned, or broken. You’ll learn which crops produce the best tasting honey and which to avoid. It also provides instructions for careful, considerate storing, and focuses on the best ways to produce, harvest, and use the honey.

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Students Learn: about the habits and habitats; body parts; bone structure; the senses; to use the dictionary; the digestive system; mathematical applications; describe processes; to spell terms correctly; and evaluation of natural resources. Contains 21 activity sheets, a resource reference list plus answers to activity sheets. HOBAR

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WILDLIFE ID TECHNIQUES

Bring the exciting work of wildlife into your classroom! Experts provide identifying characteristics—picture, wing, pelt, skull, etc.—for about 100 species. Categories covered are Game & Upland Birds, Waterfowl, Non-Game Animals, Fur Bearers & Predators. Great for training FFA wildlife CDE teams! CEV

240 minutes, 7 sections, random quiz, and 179 web resources.

DVD Order Number: CEV80101.................................$228.00

WILDLIFE ID CONTEST SIMULATOR

This production is broken down into four categories—Game & Upland Birds, Waterfowl, Game Animals and Fur Bearers & Predators. The random quiz generator feature allows you to create an identification quiz, which will mimic a contest situation. You also will have the capability of creating and saving your own tests, as well. This CD-ROM is the perfect piece for mastering the identification portion of the wildlife FFA CDE. For Windows and Mac. 2006 CEV

DVD Order Number: CEV90501...............................$115.00

ANTLERS

A Guide to Collecting, Scoring, Mounting, and Carving

This book covers measuring and scoring racks; mounting and display; collecting shed antlers; antler carving and fabrication; the medical value of antlers; and antlers and wildlife management. It’s also contains practical information and step-by-step instructions, designed to maximize the use you can get out of your antlers. Now in full-color.

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The Amateur’s Primer on Mounting Fish, Birds, Animals, Trophies

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192 pages, 2009, paperback

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A Guide to Mastering the Original Forensic Science

This full-color book is the perfect guide for anyone interested in learning how to track animals and read their signs. It offers an introduction on the principals of tracking and reading sign by looking at tracks, prints, gaits, scats, scents, and animal behaviors. It provides the reader with tracking and stalking techniques such as cold hunting, camouflage, and using the stump method. Over twenty different animals are profiled, including New World Moose, American elk, and Whitedailed deer. 280 color illustrations. SKYHORSE

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Order Number: SKY0068...........................................$18.95

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FIELD GUIDE TO INSECTS AND SPIDERS OF NORTH AMERICA

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STERLING

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Order Number: STE4153-1 ........................................................ $19.95

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This video provides four classes, each containing 10 different insect specimens. The insects are from the following orders: Collembola, Thysanura, Ephemeroptera, Odonata, Plecoptera, Lepidoptera, Orthoptera, Blattaria, Mantodea, Phasmdida, Isoptera, Phthiraptera, Thysanoptera, Hemiptera, Homoptera, and Neuroptera. Identification keys are included. 18 minutes, 1992. CEV

DVD Order Number: CEV709D .................................................. $85.00

PRACTICE INSECT IDENTIFICATION II

This video provides four classes, each containing 10 different insect and arthropod specimens. The 40 insects and arthropods are from the following orders: Lepidoptera, Diptera, Coleoptera, Hymenoptera, Acari, Araneida, and Scorpionida. Identification keys are included. 20 minutes, 1992. CEV

DVD Order Number: CEV838D .................................................. $55.00

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See and why IPM was developed in agriculture. Learn the basic strategies, proper pest identification, monitoring, biological control, physical control and chemical control. Explore various cultural control techniques such as sanitation, cultivation and the use of cover crops. Concepts such as the use of a crop’s economic threshold are also shown. See how these strategies are effectively applied in orchard production, field crop production, strawberry production and vegetable production. 29 minutes. SAN LUIS

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There are no easy answers to the issues surrounding the use of pesticides in agriculture, but the presentation will help you understand the differing viewpoints. Begin with historical methods of pest control and uses of pesticides. Then, review environmental issues of the past three decades that have led to current reexamination of pesticide application and risk. Candid interviews help expose the complexity of the issues. A supplement is included. 28 minutes. CEV

DVD Order Number: VEP300D .................................................. $50.00

FOREST MANAGEMENT DIGEST, 9E

This Digest covers all aspects of forest management plus wildlife by species. It provides sample contracts and forms, and includes a comprehensive glossary and additional resource listing. Useful and easy-to-understand, this material is ideal for educational settings in agriculture, natural resources, and science. HOBAR

458 pages, 2004, paperback
Order Number: KAP2004 ................. $29.95 each, $23.96 (10 or more)

SOFTWOOD (CONIFER) TREE IDENTIFICATION

Complete identifying characteristics of 16 softwood (conifer) trees. This video presents living pictures and audio descriptions of the mature shape of the selected trees along with full descriptions of the needles, cones, twigs, and bark. The tape compares the similarities of related species and describes the key differentiating characteristics of each. 60 minutes. KAP/HOBAR

DVD Order Number: KAP9202D .................................................. $49.00

HARDWOOD (DECIDUOUS) TREE IDENTIFICATION

Complete identifying characteristics of 31 hardwood (deciduous) trees. This video presents living pictures and audio descriptions of the branching, leaves, fruit, twigs, bark, and mature shape of the selected trees. The video compares the similarities of related species and describes the key differentiating characteristics of each. 106 minutes. KAP/HOBAR

DVD Order Number: KAP9201D .................................................. $49.00

HARDWOOD & SOFTWOOD TREE IDENTIFICATION ASSESSMENT

Contains two assessments of hardwood trees—mixed order; and two assessments of softwood trees—mixed order. A final assessment with the full complement of the 47 specimens is also provided. The five assessments contain instructions and present each specimen for 20 seconds before proceeding. 47 minutes. KAP/HOBAR

DVD Order Number: KAP9203D .................................................. $49.00

DORMANT TWIG TREE IDENTIFICATION

Complete identifying characteristics of 31 dormant hardwood trees. This video presents living pictures and audio descriptions of the branching, buds, twigs, bark, and mature shape of the selected trees. The video compares the similarities of related species and describes the key differentiating characteristics of each dormant tree. The video also contains one assessment for the trees presented in random order. 85 minutes. KAP/HOBAR

DVD Order Number: KAP9306D .................................................. $49.00

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FIELD GUIDE TO TREES OF NORTH AMERICA

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528 pages, 2008, paperback
Order Number: STE3875-3 ........................................ $19.95

THE TREE FARM

Learn how trees are grown as we follow operation of a modern day tree farm. The viewer will watch all facets of tree production including planting, digging, pruning, irrigation, commercial sales, and shipping. An on-site interview with a tree farm operator provides useful insight into production of high quality, saleable trees. 24 minutes, 1993. CEV

DVD Order Number: CEV539D ......................................... $49.00

FUNDAMENTALS OF FORESTRY

This video stimulate interest among students while covering topics of: pine identification, rate of growth, selective thinning, tree volume, wood products, wood identification, site index, cull tree removal, woodland suitability, compass, and pacing. Supplement included. 31 minutes, 2000. CEV

DVD Order Number: CEV540D ......................................... $95.00

THE EASY TREE GUIDE

Common Native and Cultivated Trees of the United States and Canada

This is a handy, portable, and comprehensive aid to swift and accurate identification of more than 180 trees in the United States and Canada. Photos show what the trees look like in their natural setting, and detailed paintings illustrate the species’ key characteristics. Offers the common and scientific name, usual height, winter silhouette of deciduous trees or an outline of coniferous trees, explains typical growth pattern, and shows a close-up of the bark. GLOBE PEQUOT

288 pages, 2004, paperback
Order Number: LY3068-4 ........................................ $19.95 each, $15.96 (10 or more)

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The Ultimate Guide to Felling, Bucking, Splitting & Stacking

This book brings practical instruction and firsthand advice to every person with a chainsaw. Beginning with chainsaw buying advice, this book diagrams saw parts, functions, and maintenance requirements so you can understand the chainsaw that will work best for you. It offers detailed instructions on managing a woodlot, felling and bucking, splitting and stacking, and it even includes fun facts on burning. STOREY

176 pages, 2006, paperback
Order Number: SGW651-8 ................. $18.95

LUMBER PRODUCTION: TREE TO BOARD

Join Spurlock Logging, Inc. in the forests of Woodville, Texas where viewers will be introduced to the various steps involved in the logging process. Includes shearing, sawhand, skidder, loader, trucking, and re-planting procedures. The trip continues with a tour through Champion International Corporation’s plywood and stud mill (Camden, Texas) demonstrating production of 2 x 4’s and 4 x 4’s and plywood; Interviews with company executives. Supplement included. 35 minutes, 2000. CEV.

DVD Order Number: CEV543D ......................... $95.00

ANATOMY OF A TREE POSTER

With image and text, this poster explains photosynthesis, the difference between conifers and a broadleaf tree, the sections of a tree, the importance of roots, how annual rings serve as historical records, and fruits and seeds. Cross-sectional drawings of water flow within a tree and a tree trunk, along with a summary and essential tree facts, round out the presentation of the tree. 24” x 36”, heavy poster stock. POMEGRANATE

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This book has been distributed in all 50 states and 44 foreign countries. It includes 2 1/2" by 3 1/2" color photographs of seeds of 192 weedy plants, the description of each seed and its life span, a detailed identification key, and a glossary of terms. AGRONOMY PUBLICATIONS/HOBAR

175 pages, 1970, spiral bound
Order Number: TAXONOMY .............$12.00 each, $9.60 (10 or more)

SEEDS OF CONTINENTAL UNITED STATES LEGUMES
This book includes 3 1/2" by 5" photographs of the seeds of 220 legume species, along with a description of them and their life spans, distribution, and economic uses. Those species present in the United States were selected primarily for their economic impact on U.S. agriculture. AGRONOMY PUBLICATIONS/HOBAR

134 pages, 1986, hardcover
Order Number: AP-0-4HC ............ $32.00 each, $25.60 (10 or more)

134 pages, 1986, paperback, spiral bound
Order Number: AP-1-2SC ............. $28.00 each, $22.40 (10 or more)

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This non-technical, reader-friendly book details all aspects of effective soil usage, including management techniques, composition, fertility, erosion, conservation, and irrigation. This edition highlights horticultural uses of soil as well as the latest green methodologies in both agricultural and horticultural practice. New content reflects the most recent science and environmental issues related to soil use, conservation, and sustainability. Updates related to nutrient management and best practices, legal issues, and government programs are also included. DELMAR

Text: 544 pages, 2014, hardcover
Order Number: 2432-9 .................. $302.95 each, $242.36 (10 or more)

Lab Manual:
Order Number: 2434-3 .................. $54.95 each, $43.96 (10 or more)

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The Instructor Resources includes PowerPoint presentations for each core textbook chapter, computerized test bank, Instructor’s Manual, Lab Manual Instructor’s guide and other text-specific resources.
Order Number: 2436-7 ........................ $84.95

SOIL CONSERVATION
This video provides an informative examination of soil erosion, the impact it has on our economy, its causes, and its prevention. Experts explain how soil conservation as a concept and movement evolved, and the importance of its continued practice. Learn soil conservation techniques (such as planting to help prevent soil erosion, creating water runoffs, and managing top soil) that can be utilized in both rural and urban areas. An excellent supplement for soil related or conservation curriculums. Supplement included: 30 minutes, 1997. CEV

DVD Order Number: CEV724D .................. $85.00

WEEDS OF THE NORTH CENTRAL STATES
All the weeds commonly found in the North Central Region, as well as a good many that are less common, are illustrated and described in this book. Detailed pictures have been given for most of the weeds, and whenever possible in the descriptions common terms have been substituted for technical ones. Includes information to help identify weeds. People with a minimum of botanical knowledge should therefore be able to identify almost every weed they are likely to find. Contains a glossary and index. U of IL

303 pages, 1988, paperback
Order Number: IL-B772 ............................. $20.75

WEEDS OF THE GREAT PLAINS
Identify common weeds of cultivated land, roadsides, lawns, disturbed areas, pastures, and rangeland. A number of less common weeds have been included because they pose a serious poisoning threat, have the potential to become serious weeds, or are similar in appearance to more common weeds. NE DEPT. OF AG

624 pages, 2003, hardcover
Order Number: NE7000-4 .......................... $40.00

WHAT’S IN THE SOIL: PART 1
Using ordinary soil, perform comprehensive soil nutrient and mineral analysis, testing for the presence of 10 nutrients and minerals necessary for adequate plant development. Also determine water content, organic matter content, and pH of several different soil samples. Reproducible Student Worksheets and Teacher’s Guide included. HUBBARD SCIENTIFIC

30 Students:
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This kit contains material to selectively culture the different types of microbes found in soil. Learners collect and extract different soil samples and then record the number and types of organisms found. Kit includes nutrient broth and potato dextrose agar for culturing of microorganisms. Teacher’s Guide and reproducible Student Worksheet included. HUBBARD SCIENTIFIC

30 Students:
Order Number: R-100884 .......................... $119.95
INTRODUCTION TO SOIL SCIENCE

DVD

SOIL FORMING FACTORS

This insightful new video introduces students to the forces and factors that influence soil development. See the various parent material soil types. Learn details about Residual, Cumulose and Transported soils. Students will understand the definitions of Alluvial, Eolian, Glacial and Colluvial. Then explore the other soil forming factors: climate, topography, the biosphere and time, and their accumulative effects on soil development. Included are exciting aerials of glaciers in addition to scenes of deserts, valleys, mountains, estuaries and a myriad of other locations. This blend of visual and narrative information has a great impact on students’ grasp of this complex subject. 25 minutes. SAN LUIS

DVD Order Number: SL3043.................................$119.00

THE PROPERTIES OF SOIL

Soil is one of our most valuable natural resources. Our food supply depends on it, and our stewardship of the land will determine our future. By knowing the properties of our soils, we can make better decisions about its use and conservation. In this video, we cover the physical properties of soil texture, structure, water, slope, depth and color. Viewers learn how soil is formed as we explore the five soil forming factors of climate, organisms, parent material, topography, and time. Types of rocks and how they are formed is also included. 34 minutes. SAN LUIS

DVD Order Number: SL3123........................................$119.00

SOIL BIOLOGY

From easily visible earthworms to microscopic bacteria, this program offers valuable information on the roles and interactions of the soil’s flora and fauna. See how soils biology relates to soil horizons, porosity, water holding capacity and other physical properties of the soil. New research is presented on indicators of soil fertility. Examine soil pests as well as beneficial life forms found in the soil. This video also examines human attitudes towards soil organisms, and explains how negative opinions form that are not based on science. Part 1: 24 minutes, Part 2: 26 minutes. SAN LUIS

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FUNDAMENTAL SOIL SCIENCE

This textbook teaches students about the many facets and uses of soil beyond its use as an agricultural resource. The authors take the approach that soil is a dynamic, living, natural resource that affects almost every aspect of our lives. As a learning tool, this book introduces the reader to concepts then reinforces the concepts throughout. As a reference tool, it meets professional needs when they seek information about basic soil concepts pertinent to practical experience. DELMAR

Text: 672 pages, 2006, hardcover
Order Number: 4266-5...............................................$114.95
Instructor’s Guide:
Order Number: 4267-3..............................................$17.95

INTRODUCTION TO LAND JUDGING

DVD

Shot on location at Tarleton State University in Stephenville, Texas, this exciting video introduces viewers, via in-the-field judging, to the basics of land judging. Dr. Clyde Stahnke discusses land judging, land treatment, determination, surface texture, slope, depth of soil, and land permeability. Contest scoring procedures are also addressed. Supplement included. 37 minutes, 2000. CEV

DVD Order Number: CEV580D........................................$95.00

PRACTICE LAND JUDGING I

Additional practice for viewers wishing to further hone their land judging skills is provided on this video Two different plots of land are presented for evaluation, followed by an official key of major land class factors and correct treatments provided by Dr. Stahnke. 33 minutes, 1992. CEV

DVD Order Number: CEV581D........................................$55.00

PRACTICE LAND JUDGING II

Additional practice for viewers wishing to further hone their land judging skills is provided on this video Two different plots of land are presented for evaluation, followed by an official key of major land class factors and correct treatments provided by Dr. Stahnke. 33 minutes, 1992. CEV

DVD Order Number: CEV582D........................................$55.00

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Conservation of farming resources while increasing production and maintaining profitability is a challenge most farm managers face. Soil fertility and the amount of topsoil must be maintained. With the information in this book you can build a solid foundation of knowledge to be used to make efficient and effective soil management decisions and keep your business competitive. Specific tillage practices are not recommended as the answer because each practice is not universally beneficial. This book does suggest tillage methods that recent soil science has proven effective. Each farmer manager must evaluate this information, then create a conservation plan specifically for each individual farming operation. JOHN DEERE

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- Lima bean, Muskemelon, Oats, Orchardgrass
- Pea, Peanut, Perennial ryegrass, Popcorn
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DELMAR

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STOREY

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Animal Science: Biology and Technology takes the reader from the basics of production through to evaluation, while delivering a contemporary industry overview. Readers will find the opportunities for experiential learning found in this book will be especially helpful in planning supervised agricultural experience projects and FFA career development events. The career focus section present opportunities in a story format and laboratory manual and additional activities will provide readers with hands on engagement that enhances learning.

DELMAR

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This text provides core information for a variety of learners including those studying animal and veterinary sciences as well as students desiring to become veterinary assistants or technicians. The text begins with an overview of cellular and tissue physiology and then follows a systems approach for easy comprehension. It also investigates nutrition, disease, surgeries, and cost analysis of procedures. Both small and large animals are used in examples to provide a real life look at the varied cases encountered in the field. Each chapter begins with a "Day in the Life" preview that gives practical application to the text's theory, and ends with a description of clinical significance. DELMAR

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Fundamentals of mating, gestation, lambing, farrowing, and calving are included as well as basic information and candid video of three domesticated species (cattle, sheep, and swine). Interesting video footage of parturition is featured. Supplement included. 30 minutes, 1997. CEV
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VETERINARY GUIDE FOR ANIMAL OWNERS, 2E

This easy-to-use reference guide provides everything you need to know about caring for and treating pets and livestock. With complete chapters on cats, cows, dogs, goats, horses, pigs, poultry, rabbits, and sheep, it includes hundreds of strategies for preventing and curing common problems. SKYHORSE

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BASIC ANIMAL SCIENCE

Agriculture is involved in many aspects of our daily lives, including the food we eat, clothes we wear, medical and transportation needs (e.g. insulin, asphalt, stearic acid, vehicle tires, etc.). This video outlines the common terminology of cattle, hogs, sheep, goats, poultry, and horses (i.e., bovine, farrowing, lambing, doe, broilers, mare, etc.). Diagrams and charts compare and contrast digestive systems, gestation periods, and animal uses. A supplement is included. 28 minutes. CEV
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BASIC LIVESTOCK NUTRITION

A livestock specialist focuses on digestive requirements of ruminant and non-ruminant animals as he explains the basic nutritional needs of common livestock. As you analyze major nutrient-water, protein, fats, carbohydrates, vitamins, and minerals—you’ll investigate specific hays, grasses, and grains delivering those vital elements. You’ll learn how to put together a balanced ration, correctly use supplements, and decipher the nutritional contents listed on a feedtag. Using the information in this video, you’ll be able to knowledgeably feed livestock based on their digestive needs and requirements for energy, growth, and maintenance. Supplement included, 32 minutes, 2000. CEV
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VETERINARY ASSISTING

Fundamentals & Applications

This is a comprehensive book and reference for veterinary assisting students, practicing veterinary assistants, veterinary receptionists, and other supportive staff within a veterinary facility. The format allows the reader to quickly obtain resources and information regarding basic veterinary assistant principles and clinical situations. The material moves from basic to advanced information and includes the latest educational information in the industry. DELMAR

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POWERPOINT

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DIY fever + quality meat mania = old-school butchery revival! Artisan cooks who are familiar with their farmers market are now buying small farm raised meat in butcher-sized portions. This book demystifies the butchery process with 500 step-by-step photographs, master recipes for key cuts, and a primer on tools, techniques, and meat handling. This visual manual is the first to teach by showing exactly what butchers know, and will help you learn how to turn a primal into familiar and special cuts, or to simply identify everything in the case at the market. CHRONICLE
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The Definitive Guide with Recipes
With the rise of the handcrafted food movement, food lovers are going crazy for the all-natural, uniquely flavored, handmade sausages they’re finding in butcher cases everywhere. At San Francisco’s 4505 Meats, butcher Ryan Farr takes the craft of sausage making to a whole new level with his fiery chorizo, maple-bacon breakfast links, smoky bratwurst, creamy boudin blanc, and best-ever all-natural hot dogs. Sausage Making is Farr’s master course for all skill levels, featuring an overview of tools and ingredients, step-by-step sausage-making instructions, more than 175 full-color technique photos, and 50 recipes for his favorite classic and contemporary links. This is a comprehensive, all-in-one manual to one of the most satisfying and tasty culinary crafts. CHRONICLE
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MEAT JUDGING & GRADING
An excellent introductory instrument and great refresher tool for any meats judging program. Covers beef quality and yield grading, beef carcass judging, beef wholesale and retail cut judging, pork carcass and ham judging, lamb carcass judging, and retail cut identification. 107 minutes, 8 sections, 14 printable resources, and 7 web resources. CEV
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THE ULTIMATE GUIDE TO HOME BUTCHERING
How to Prepare Any Animal or Bird for the Table or Freezer
Here is a complete guide to home butchering, with recommendations on which tools (knives, paring knives, meat scissors, meat grinders, shrink wrappers) to use for the task at hand. It covers everything from field dressing, skinning, and boning out a whole deer, to efficiently butchering rabbits, deer, big game, hogs, gamebirds, cattle, and more. 200 color illustrations; 100 black & white illustrations. SKYHORSE
288 pages, 2014, paperback
Order Number: SKY6435 .......................................................$14.95

MEATS CDE PREPARATION
This CD-ROM is meant to prepare students for the FFA career development event for meats. Contains a Meats CDE overview, CDE Exams, CDE simulation, PowerPoint® material, lesson plans, educational games and related instructional material. Compatible with Windows and Mac. AAVIM
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INTRODUCTION TO MEAT JUDGING
This tape explains the history of and benefits derived from meat judging. It includes candid comments from seven leading meat scientists and judges. The basics of USDA grading of beef, pork, and lamb carcasses, and beef quality and yield grading are discussed. Carcass and cut judging and retail cut identification are also introduced. Supplement included. 31 minutes, 1988. CEV
DVD Order Number: CEV224D ..................................................$99.00

MEAT JUDGING CONTESTS
Provides four video placing classes of beef ribs, pork carcasses, lamb carcasses, and fresh hams. This meats contest tape also includes a practice rail of 10 sides of beef for quality grading. Official placings and cuts for the four judging classes are provided. The 10 cattle are graded by Rick Jones of the USDA. CEV
MEAT JUDGING CONTEST I 34 minutes, 1993
DVD Order Number: CEV288D ..................................................$69.00
MEAT JUDGING CONTEST VII 37 minutes, 1999
DVD Order Number: CEV296D ..................................................$69.00

RETAIL CUT ID
Featuring the newly-approved retail cuts of the National FFA and 4-H (for all contests beginning 2012). Organized by species, a rotation of each cut allows viewing of all angles, particularly focusing on the face of the cut. Special effects, 3D graphics and expert commentary provide more insight for harder to identify cuts. Successful former and current agriculture science instructors provide tips and advice on training teams and contest preparation. Collaborators: Former/current agriculture science instructors provide tips and advice on training teams and contest preparation. CHRONICLE
DVD Order Number: CEV80104 ..................................................$195.00

RETAIL CUT ID CONTEST SIMULATOR
This production is ideal for practicing retail cut identification. The random quiz generator feature allows you to create an identification quiz, which will mimic a contest situation. Students will have to provide the species, primal, and retail of every meat cut. The instructor has the capability of creating and saving tests. A perfect piece for mastering the identification portion of a meat identification contest. CD-ROM compatible with Windows and Mac. 2006. CEV
Order Number: CEV90500 .....................................................$135.00

HARVESTING OF LIVESTOCK
This presentation takes an in-depth look into the slaughtering process of livestock animals, describing the harvesting process from transportation of the animal to the sale of the packaged meat. Federal and state meat inspection and detailed graphics aid in the identification of retail cuts, wholesale cutes and meat by-products of cattle, swine and lamb. 70 Powerpoint slides, 2011. CEV
Order Number: CEV 70544 .....................................................$99.00
### STOREY'S GUIDE TO RAISING MINIATURE LIVESTOCK

Many people want to raise cows, sheep, goats and other livestock, but they don’t have the space or the time to maintain a large animal farm. Miniature livestock are the answer. Every bit as useful and adorable as their bigger counterparts, mini livestock are a great option for folks wishing to add a little bit of farm life to their backyard or for farmers looking to diversify their livestock portfolios. STOREY

464 pages, 2010, paperback  
Order Number: SGW481-3 ................................................................. $19.95

### DIGESTIVE SYSTEMS OF LIVESTOCK

**A Basic Look**

Explore the digestive systems of monogastric animals (horses, pigs, and chickens) and ruminants (cattle, sheep, goats, and deer). Watch as a professor of animal science uses models, computer-generated graphics, laparoscopic images taken within the system of a live animal, and digestive tracts removed from slaughtered animals to teach about prehension, mastication, simple digestion, and ruminating. Viewers explore the entire digestive system of a pig, chicken, and steer to identify organs and to understand the tissue structures and functions. The instructor dissects organs to expose contents and secretions that aid digestion. Review questions are presented at the end of each section; the video concludes with 10 identification and multiple choice questions. Supplement included. 35 minutes, 2000. CEV

**DVD Order Number:** CEV470D ............................................................... $125.00

### RUMINANT DIGESTIVE SYSTEMS

**A Closer Look**

Through computer-generated graphics, models, skeletal parts, and digestive tracts removed from slaughtered animals, a scientist with more than 20 years of experience helps you understand the digestive systems of cattle, sheep, deer, and goats. The instructor begins with an overview of prehension, salivation, mastication, and ruminating. Then, he briefly reviews anatomy: the rumen, reticulum, omasum, abomasum, and lower digestive tract. As he dissects the digestive tract from a 1,000 pound steer, the instructor shows and explains organ structures, contents, tissue textures, functions, and capacities. You'll also see two amazing feats of science: a cannula placed in a live steer to examine stomach contents while the steer is digesting, and laparoscopic footage filmed from inside the digestive tract. The VideoActive format provides periodic quizzes and a final quiz. Supplement included. 41 minutes, 1996. CEV

**DVD Order Number:** CEV471D ............................................................. $125.00

### LIVESTOCK GRADING

Top livestock evaluators and meat specialists provide their expertise for evaluating both feeder and slaughter cattle. Two thousand feeder grading standards are covered with varying degrees of finished animals. It also includes live evaluation and carcass data. Because the feeder and slaughter cattle vary widely, this is excellent for demonstrating the possibilities of cattle that might be found at the next judging contest. 90 minutes, 3 sections, 3 printable resources, and 10 web resources. CEV

**DVD Order Number:** CEV80385D ........................................................ $117.00

### PRACTICE LIVESTOCK GRADING

These DVDs present students with an opportunity to practice grading on a wide variety of feeder and slaughter cattle. Each production features 100 head of cattle varying widely in finish, muscling, frame, size, and weight. They come complete with quality and yield grades. Cattle and reasons are discussed in detail by current USDA graders. 171 minutes each, 2006. CEV

**PRACTICE LIVESTOCK GRADING I**  
**DVD Order Number:** CEV80106 ......................................................... $195.00

**PRACTICE LIVESTOCK GRADING II**  
**DVD Order Number:** CEV80107 ......................................................... $195.00

**PRACTICE LIVESTOCK GRADING III**  
**DVD Order Number:** CEV80109 ......................................................... $195.00

### EMBRYO TRANSFER

**Embryo Transfer** is one of the most useful and popular forms of biotechnology. Once used only on expensive cattle, embryo transfer is being used daily to improve cattle herds. This highly informative video is perfect for both students and producers. Learn every step of the ET process: administering hormones to induce superovulation, collection, washing, preparation, freezing, thawing, and placement into the recipient cow. This program includes magnified video of the eggs throughout the process. 40 minutes, 1995. CEV

**DVD Order Number:** CEV222D ............................................................. $125.00

### BASIC ANIMAL MICROGENETICS

A basic understanding of genetics is important to anyone interested in animal production. This informative program offers a look at the genetic, biochemical, and environmental processes responsible for the differences and similarities among animals of the same species. Microgenetics examines the history and fundamental rules of genetic studies, then explains chromosomes, mitosis, meiosis, sex determination, genes, DNA, and RNA. **Basic Animal Microgenetics** is presented in VideoActive format. VideoActive titles are designed to enhance learning by combining discussion and evaluation into the subject matter. Color and numeric coding for each section make it easy to select a desired topic or review specific information. Supplement included. 43 minutes, 1996. CEV

**DVD Order Number:** CEV223D ............................................................. $99.00

### U.S. MEAT ANIMAL RESEARCH CENTER, FIELD TRIP

Travel with us to the most advanced research center in the nation, the U.S. Meat Animal Research Center in Clay Center, Nebraska. Students will be introduced to world renowned researchers who are working every day to make sure the food we consume is safe. Meet the workers who make it all possible and explore the research projects that help livestock producers raise the highest quality product safely and efficiently. 35 minutes, 2008. CEV

**DVD Order Number:** CEV174D ............................................................. $89.00
ANIMAL SCIENCE - GENERAL

PRACTICE LIVESTOCK JUDGING

Improve your team’s contest performance with practice livestock judging videos. The innovative quad-split video technique better simulates the judging experience allowing students to view all four animals, live and simultaneously. CEV

PRACTICE LIVESTOCK JUDGING I 44 minutes, 1987
Classes presented include market swine, lambs, steers, breeding gilts, and yearling bulls.

DVD Order Number: CEV413D .................................................. $49.00

PRACTICE LIVESTOCK JUDGING II 38 minutes, 1987
Presents two classes of heifers, one class of market hogs, and two classes of breeding gilts.

DVD Order Number: CEV414D .................................................. $49.00

PRACTICE LIVESTOCK JUDGING III 32 minutes, 1989
Classes presented include crossbred market steers, Suffolk breeding ewe lambs, blackface crossbred market lambs, Yorkshire gilts and crossbred market hogs.

DVD Order Number: CEV418D .................................................. $49.00

PRACTICE LIVESTOCK JUDGING IV 30 minutes, 1989
Classes presented include market steers, Suffolk market lambs, Hampshire yearling ewes, Hampshire gilts, and crossbred market hogs.

DVD Order Number: CEV419D .................................................. $49.00

NEW SET

LIVESTOCK JUDGING FUNDAMENTALS

The success of the livestock industry is based on evaluating and selecting the highest quality production animals. Live animal evaluation is also critical to the judging arena, and this tape gives students the benefit of the expertise of four of the top livestock evaluators in the country as they discuss the fundamentals of livestock judging. Students will enjoy learning judging tips from experts who have years of experience and numerous championships to back up their advice. Supplement included. 40 minutes, 2011. CEV

DVD Order Number: CEV80126 .................................................. $125.00

ORAL REASONS

Coaches will find this tape a valuable aid in helping their teams master the skills needed for organizing and presenting judging reasons in a confident, precise, and logical manner. Students are presented with critiques of collegiate-level oral reasons. 35 minutes, 1998. CEV

DVD Order Number: CEV479D .................................................. $99.00

ORDER THE SERIES AND SAVE!

DVD: Set of two DVDs above
Order Number: CEVLJ2D .................................................. $190.40

THE BACKYARD HOMESTEAD GUIDE TO RAISING FARM ANIMALS

This essential guide will help you learn to choose the best breed for small-space farming; product your own grass-fed meat; gather fresh eggs; collect fresh milk; make your own cheese; keep chickens, turkeys, ducks, rabbits, goats, sheep, pigs, cattle, and bees. Whether you want to be more self-sufficient, save money, or just enjoy safer, healthier, more delicious animal products, you’ll find all the information you need in The Backyard Homestead Guide to Raising Farm Animals. STOREY

360 pages, 2011, paperback
Order Number: SGW969-6 .................................................. $24.95

PRACTICE LIVESTOCK JUDGING

Sharpen skills or prepare for a livestock judging contest. This features an easily navigated assortment of 15 placing classes including three market hogs, two breeding gilts, three market steers, two breeding heifers and five market lamb classes, all shown from multiple views. Official placings, cuts, and reasons are included by an expert panel of judges. 138 minutes. 2006. CEV

DVD Order Number: CEV80102 .................................................. $195.00

LIVESTOCK JUDGING

This interactive production allows students to learn the principles of market and breeding animal evaluation from renown experts from several universities with successful judging programs. Covers market hogs and breeding gilts, market steers and breeding heifers, market lambs and breeding sheep, all with oral reasons. 270 minutes, 7 sections, 7 printable resources, and 11 web resources. CEV

DVD Order Number: CEV80472 .................................................. $273.00

LIVESTOCK JUDGING CONTESTS

Superior practice tools for student judging teams of production animals. These classes are presented for students’ evaluation: heifers, market steers, market lambs, market barrows, and breeding gilts. Two classes of questions are also provided. Recognized experts give their official scores. CEV

LIVESTOCK JUDGING CONTEST I 41 minutes, 1993

DVD Order Number: CEV444D .................................................. $79.00

LIVESTOCK JUDGING CONTEST II 47 minutes, 1995

DVD Order Number: CEV444D .................................................. $79.00

LIVESTOCK JUDGING CONTEST III 46 minutes, 1995

DVD Order Number: CEV446D .................................................. $79.00

LIVESTOCK JUDGING CONTEST IV 42 minutes, 1997

DVD Order Number: CEV447D .................................................. $79.00

LIVESTOCK JUDGING CONTEST V 43 minutes, 1998

DVD Order Number: CEV448D .................................................. $79.00

LIVESTOCK JUDGING CONTEST VI 44 minutes, 1998

DVD Order Number: CEV449D .................................................. $79.00

LIVESTOCk JUDGING CONTEST VII 39 minutes, 1999

DVD Order Number: CEV481D .................................................. $79.00

STOREY’S ILLUSTRATED GUIDE TO SHEEP, GOATS, CATTLE, & PIGS

North America is home to an extraordinary array of livestock breeds. Comprehensive, colorful, and captivating, this definitive, in-depth guide is informative enough to aid farmers in breed selection, but beautiful enough for fanciers to browse as a coffee-table book. Storey’s Illustrated Breed Guide to Sheep, Goats, Cattle, and Pigs will appeal to anyone interested in North American livestock — small-scale farmers, conservationists, agricultural historians, gourmets, biodiversity champions, animal lovers, and anyone dreaming about crafting fibers from sheep and goats. This indispensable reference showcases North American livestock breeds for what they truly are: fascinating, stunning, and endlessly varied. STOREY

320 pages, 2008, paperback
Order Number: SGW036-6 .................................................. $24.95
THE SCIENCE OF ANIMAL AGRICULTURE, 4E

Designed for use in courses aimed at teaching science along with concepts associated with the industry of animal agriculture. This text presents the application of biological science used in producing and caring for animals. Topics such as nutrition, anatomy, genetics, entomology, pathology, and animal behavior are covered in depth. These complicated areas are presented in the context of how they are used in the animal industry, allowing the student to make a distinct correlation. DELMAR

Text: 450 pages, 2012, hardcover
Order Number: 8074-2 .................. $181.95 each, $145.56 (10 or more)
Instructor's Manual: Order Number: 8075-9 .................................................. $24.95
Lab Manual: Order Number: 8076-6 .................. $113.95 each, $91.16 (10 or more)
Lab Manual Instructor's Guide: Order Number: 8077-3 .................................................. $24.95
Lab Manual CD-ROM: Includes the Lab Manual and Instructor’s Guide as .pdf files with license to unlimited use of all lab material provided. Order Number: 8079-7 .................. $540.95
Classroom Interactivity CD-ROM: Contains four games to reinforce material presented. Order Number: 8080-3 ................. $107.95

EXCEL BEEF PLANT: SLAUGHTER

This presentation takes viewers on a tour of one of the largest beef packing plants in the U. S.—EXCEL's Plainview, TX, facility which slaughters over a million cattle each year. Footage takes viewers through cattle shipping and receiving, the holding pens, and then through the kill floor. Witness the conversion from animal to meat as humans and machines work together in an amazing efficiency disassembly line. This educational tape provides an abundance of meat science and industry facts and information. 45 minutes, 1997. CEV

DVD Order Number: CEV240D .................................................. $150.00

EXCEL BEEF PLANT: FABRICATION

This tour of the EXCEL Beef Plant starts in the coolers to find out what USDA graders look for in a Choice or Prime carcass, and to learn the factors used to determine yield grades. Then, visit the continuation of the disassembly process on the fabrication floor. Watch as a highly skilled team of workers (who process 8,000 sides of beef each day) take a carcass weighing several hundred pounds, and process it into "boxed beef" in just a few minutes. Then, see how meat boxes are made, packed, stored, and shipped. 45 minutes, 1997. CEV

DVD Order Number: CEV241D .................................................. $125.00

CATTLE KIDS

A Year on the Western Range

Cowboys aren't necessarily boys, and they aren't necessarily grown-ups, either. In this lively photo essay, young readers will meet girls and boys who live a unique way of life on their families' cattle ranches. Cowgirls and cowboys take part in many aspects of livestock operations, from calving and branding to haying and rounding up the herd. With a colorful and informative text, illustrated with action-packed photographs, Cat Urbigkit's book follows cattle kids through a year of ranching on the western range. BOYD MILLS

32 pages, 2007, hardcover
Order Number: BM5089 .................................................. $16.95

GRASS-FED CATTLE

How to Produce and Market Natural Beef

Take advantage of the naturally efficient relationship between cattle and pasture to create a profitable, financially stable enterprise, regardless of the size of your farm, the climate where you live, or your current farming practices. Learn how to transition from a conventional, grain fed program to grass-fed production. Manage grazing practices and soil and grass conditions to maximize cattle health and your time and resources. Successfully market your grass-fed beef. And use the step-by-step workbook provided for detailed, customized business planning. STOREY

372 pages, 2006, paperback
Order Number: SGW605-4 .................................................. $24.95

BEef Reproduction

No matter what breed or qualities you are trying to establish, herd improvement comes through continually selecting the best bull (or semen) and the best females. This DVD explores sire and breeding heifer selection and take an in-depth look at male and female anatomy. It takes a detailed look at various reproduction methods (i.e. super ovulation, artificial insemination, embryo transfer, etc.). An excellent way to help explain the complexities of the reproduction process! 120 minutes, 4 sections, 2 printable resources, and 12 web resources. CEV

DVD Order Number: CEV80205 .................................................. $117.00

PRACTICE CATTLE JUDGING

Valuable judging practice is provided in this video which includes two mixed market steer classes, one class of Limousin heifers, one class of progress steers, and one class of Brahman heifers. The cattle are shown side by side, profile, rear, top, front, and walking. 39 minutes, 1990. CEV

DVD Order Number: CEV415D .................................................. $49.00

BREEDING CATTLE EVALUATION

This video provides short-cut methods for ranking and evaluating keep/cull classes of beef cattle. It explains how to consider, in placing, the cattle's genetic worth and potential productivity. This video takes a detailed look at Brahmousin heifers, one class of Limousin heifers, one class of Angus bulls, and one class of Hereford heifers. The cattle are shown side by side, profile, rear, top, front, and walking. 39 minutes, 1990. CEV

DVD Order Number: CEV438D .................................................. $59.00

MANAGING LIVESTOCK PRODUCTION

Examine raising livestock not just from the production side, but from the management side. This text integrates the major aspects of livestock management: production, finance, economics, and marketing. This book addresses beef, hog, and sheep components of the livestock industry. Processing and distribution, marketing, risk management, and cost reduction issues are examined. JOHN DEERE

Text: 396 pages, 1994, paperback
Order Number: FBM2101NC .................................. $17.95 each, $14.36 (10 or more)
Instructor's Guide: 237 pages
Order Number: FBM2501T .................................................. $34.95
Student Guide: 151 pages
Order Number: FBM12601W .................................. $15.95 each, $12.76 (10 or more)

www.finney-hobar.com
MARBLING PHOTOGRAPHS
This set of six photographs depicting the various degrees of marbling in beef was developed in conjunction with the U.S. Department of Agriculture. A result of a four-year collaborative effort on the part of industry, academic and government officials, the photos serve as an industry-wide standard for determining the degree of marbling in beef. Full color, 6” x 9”. NATIONAL CATTLEMEN’S BEEF ASSOCIATION.
Order Number: 06-901 ................................................. $39.50

CATTLE HANDLING SAFETY
A look at the facilities for housing cattle, this demonstrates how to work safely around these sometimes temperamental animals. You will learn how to avoid life-threatening situations when handling cattle in a corral or pasture setting. Topics include facility design, moving cattle, cattle disposition, and use of dogs around cattle. This video is suitable for adults and youth who work with cattle, including ranchers, students, and others. 14 minutes, 2007. U OF ARIZONA
DVD Order Number: AZD231 ......................................... $21.95

THE CATTLE HEALTH HANDBOOK
_The Cattle Health Handbook_ is the essential medical reference for farmers and ranchers confronting day-to-day bovine health issues. Heather Smith Thomas, an expert on livestock with decades of first-hand experience, covers every routine situation — and many not-so-common problems — likely to arise on a cattle ranch or dairy farm. Three broad sections cover common diseases, ailments specific to certain body systems, and other ailments and injuries. STOREY
372 pages, 2009, paperback
Order Number: SGW090-7 ........................................... $24.95

HUMANE LIVESTOCK HANDLING: Understanding Livestock Behavior and Building Facilities for Healthier Animals
Temple Grandin, North America’s most influential advocate of humane livestock treatment, has spent her life developing stress-free facility designs and standards of humane management. Grandin is a voice of reason explaining the benefits of keeping animals calm through every phase of their lives — benefits that include safer working conditions, higher yields of marketable meat, better-quality meat, and, of course, more humane conditions for the animals. The first half of _Humane Livestock Handling_ reviews the natural behavior and temperament of cattle. The second half of the book is packed with construction plans, diagrams and detailed designs for putting Grandin’s ideas into practice. Featuring plans for everything from gate latches to chutes, corrals, and sorting pens for full-scale facilities, there are designs that can be used in both large and small operations.
STOREY
227 pages, 2008, paperback
Order Number: SGW028-0 ........................................... $24.95

BEEF RETAIL CUTS IDENTIFICATION
A live steer, a skeleton, and a beef side are utilized to show major bones, muscles, and wholesale cuts. 58 boneless and bone-in retail cuts are rotated (shown from all angles) while being identified by accepted industry names and explained, with hints relating to location, major muscles and bones, shape, exposed faces, and size. Recommended cooking method for each cut are also included. 41 minutes, 1998. CEV
DVD Order Number: CEV252D ..................................... $75.00

BEEF SLAUGHTER AND DRESSING
Featuring a highly skilled beef Skinner and the expert narration of a USDA veterinarian inspector (antemortem and postmortem), this video will allow teachers and students to view all steps involved in slaughter (cradle method) and dressing of cattle. Safety, dressing yield, and USDA inspection are emphasized. 36 minutes, 1991. CEV
DVD Order Number: CEV281D ..................................... $59.00

BEEF CARCASS FABRICATION
The basic anatomy of the forequarter and hindquarter, retail yield and historical principles of fabrication are given in this program. Students will see a demonstration of ribbing and breaking the forequarter into wholesale cuts and fabrication of both boneless and bone-in retail cuts from the chuck, rib, plate, brisket, foreshank, loin, round, and flank. Fundamentals of beef grading, proper equipment used in fabrication, safety, and sanitation are discussed. Section quizzes and a final quiz ensures content retention. Supplement included. 50 minutes, 2000. CEV
DVD Order Number: CEV231D ..................................... $79.00

LIVESTOCK GRADING: FEEDER CATTLE
Sixteen feeder cattle varying in frame score and muscling are presented. Introduction in correct feeder cattle evaluation are provided by Fred Williams and Kip Bevans, Livestock and Meat Marketing specialists for the USDA. Filmed at the 1997 National Livestock Grading and Marketing Association Meeting, St. Joseph Stockyards, St. Joseph, MO. 30 minutes, 1998. CEV
DVD Order Number: CEV385D ..................................... $95.00

LIVESTOCK GRADING: SLAUGHTER CATTLE
Eleven cattle ranging widely in frame score and muscling are presented. Introduction in correct slaughter cattle grading is presented by USDA Specialists. Carcasses and carcass data are presented for all animals evaluated. A highly experienced and competent, peer-selected panel scores and discusses each animal. 40 minutes. 1998. CEV
DVD Order Number: CEV387D ..................................... $95.00

STOREY’S GUIDE TO RAISING BEEF CATTLE
Storey’s Guide to Raising Beef Cattle is the go-to reference for new and experienced cattle ranchers, providing expert advice on everything from breed selection, calving, feeding, and housing, to humane handling and slaughter practices. This edition includes coverage of diseases and vaccination options, complete information on raising grass-fed animals, and how to identify and deal with toxic pasture plants.
STOREY
340 pages, 2009, paperback
Order Number: SGW454-7 ........................................... $19.95
**DAIRY MANAGEMENT PRACTICES**

This presentation focuses on nine management practices essential to efficient dairy operations: artificial insemination, calving, calf management, heifer management, milking, dairy cow management, record keeping, hoof trimming, loading, and transportation. Demonstration and discussion will retain student interest and generate class discussion. 37 minutes, 1993. CEV

**DVD Order Number:** CEV508D.......................... $79.00

**THE DAIRY FARM**

Dairy cattle management and milk production are the focus of this interesting video field trip. Shot on location at a dairy farm on the campus of the University of Wisconsin-Madison, this program includes reproduction and artificial insemination, nutrition, calf and heifer management, and an in-depth look at dairy facilities. Supplement included. 24 minutes, 2000. CEV

**DVD Order Number:** CEV551D.......................... $85.00

**KNOW YOUR COWS**

These little books introduce adults and children alike to popular breeds of cows. Each breed gets a spread featuring a color photograph and a full discussion of identifying characteristics, plus a write-up about the breed's history, personality, and suitability for the small farm. FOX CHAPEL

2012, paperback.

**Order Number:** FC6134.......................... $6.95

**4D VISION COW ANATOMY MODEL**

This 6.5" tall cow model contains 28 detachable organs and body parts and includes a display stand. Students can remove the animal's body parts and organs and replace them as they learn the physical anatomy of the cow. Also includes illustrated assembly guide and description of the anatomy along with some fun Q and A to test knowledge. This model has fine detailed sculpting with hand painted parts. TEDCO

**Order Number:** 4DCOW.......................... $31.00

**THE DAIRY PLANT**

Follow the action at the University of Wisconsin Dairy Plant and learn the ins and outs of milk processing and packaging. Additional footage provides viewers with an up-close look at the processes involved in manufacturing butter, cheese, yogurt, sour cream, and ice cream, as well as other secondary dairy products. 28 minutes, 1992. CEV

**DVD Order Number:** CEV552D.......................... $95.00

**DAIRY SAFETY**

This informative video takes a comprehensive look at the problem areas inherent in a dairy operation. The first section of the program, "Handling Cattle Safely," explores the behavior of cattle in the dairy farm environment. Learn the proper methods to deal with Handling Dams and Calves Safely, Artificial Insemination Safety, Handling Bulls Safely and Milking Parlor Safety. In the second section, "General Farm Safety," see a variety of related topics to help run a safe dairy farm: Hazardous Chemicals Safety, Feeding Livestock Safely, Moving Equipment Safely, Physical Facility Safety, Communicable Disease Safety, and Manure Pits and Vertical Silos. Anyone involved in the dairy farming industry needs this video! 29 minutes, 1991. VEP

**DVD Order Number:** VEP 634D.......................... $75.00

**LINEAR EVALUATION AND FINAL SCORE ASSIGNMENT**

The Holstein Association’s revised final score assignment procedures for cow classification is explained and demonstrated. The director of type evaluations for the Holstein Association defines each major factor as he assigns factor scores. The biological range (1–50) is defined for all 15 linear traits by using a ruler and specific anatomical locations on the cow. Each expertise trait is discussed and scored for four widely varying Holstein cows. A linear classification system booklet published by the Holstein Association is included. 85 minutes. CEV

**DVD Order Number:** CEV500D.......................... $95.00

**PRACTICE LINEAR EVALUATION I**

Linear classification of dairy cattle has played an important role in the improvement of dairy cattle by improving the functionality of the herd and raising production. Offering producers, instructors, and students a chance for practice, this features six Holstein cows evaluated for fifteen linear traits for form, rump, legs/feet, udder, and teats. 31 minutes. CEV

**DVD Order Number:** CEV516D.......................... $49.00

**PRACTICE LINEAR EVALUATION II**

Evaluation of linear traits and final scores assigned by Steve Berland of the Holstein Association are included. This sequel features ten producing Holstein cows. 33 minutes. CEV

**DVD Order Number:** CEV520D.......................... $49.00

**CATTLE BREEDS: DAIRY**

An interesting and informative instructional tool, this video includes extensive footage of the six major dairy breeds found in the United States. Narration providing breed characteristics is included with registry information and more. Live-action footage of dairy cows and calves as well as milking of the cows allow for close-up views of each breed. Breeds: Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey, and Milking Short-horn. Supplement included. 21 minutes, 1992. CEV

**DVD Order Number:** CEV455D.......................... $70.00

**THE DAIRY COW**

Take informative look at nature’s milk factories…dairy cows. Jim Armbruster, dairy herd manager at the University of Wisconsin, reduces the complex interaction of consumption of feed to chewing cud to ultimately yielding milk which is processed into cheese, ice cream, butter, and other dairy products. Also includes: feed intake, digestion and conversion, the environment of a working dairy, and the retail impact of raw milk. 15 minutes, 1993. CEV

**DVD Order Number:** CEV509D.......................... $49.00
BOVINE PARTURITION 
BY CAESAREAN SECTION

This production contains extremely graphic live-action footage featuring a complete caesarean section performed on a recipient Holstein heifer. A licensed veterinarian performs the operation and discusses the procedures leading up to, during, and following the surgery. The medications used and the obstetrical exam performed prior to the operation are also discussed in detail. Viewers witness the live caesarean delivery of an embryo transfer Brangus bull calf that is a product of genetic cloning. 21 minutes, 1992. CEV

DVD Order Number: CEV217D .................................................. $79.00

PRACTICE DAIRY COW JUDGING

Includes four-year-old Jersey cows, three-year-old Holstein cows, aged Brown Swiss cows, two-year-old Jersey cows, and four-year-old Holstein cows. Views of each cow's udder, front, rear, walking, posing and top are shown. Placing and cuts are provided. 31 minutes, 1989. CEV

DVD Order Number: CEV506D .................................................. $49.00

DAIRY JUDGING: PRACTICE

This video is designed to help students improve their judging skills. The tape is comprised of six classes: 2-year-old Brown Swiss cows, 4-year-old Guernsey cows, summer yearling Holstein heifers, 3-year-old Brown Swiss cows, 2-year-old Jersey cows and winter yearling Guernsey heifers. The official class placings and cuts for each class are provided. Reasons for each class are included. 53 minutes. CEV

DVD Order Number: CEV411D .................................................. $95.00

DAIRY CATTLE JUDGING CONTESTS

Expose your dairy team and classes to valuable dairy cattle judging practice with these live-action classes. CEV

DAIRY CATTLE JUDGING CONTEST IV  50 MINUTES, 1997
Classes presented include 4-year old Holstein cows and senior yearling heifers, aged Brown Swiss cows, and junior yearling Jersey heifers, and two linear evaluations of Holstein cows.

DVD Order Number: CEV522D .................................................. $79.00

DAIRY CATTLE JUDGING CONTEST V  53 minutes, 1998
Classes presented include 3-year-old Jersey cows, junior 2-year-old Holstein heifers and aged cows, Brown Swiss senior yearling heifers, and two linear evaluations of Holstein cows.

DVD Order Number: CEV490D .................................................. $79.00

DAIRY CATTLE JUDGING CONTEST VI  54 minutes, 1998
Classes presented include two cow and two heifer classes as well as two cows for linear evaluation.

DVD Order Number: CEV491D .................................................. $79.00

DAIRY CATTLE JUDGING CONTEST VII  51 minutes, 1999
Classes presented include 4-year-old Brown Swiss cows, winter yearling Holstein heifers and junior 2-year-old cows, summer yearling Jersey heifers, and two linear evaluations of Holstein cows.

DVD Order Number: CEV492D .................................................. $79.00

DAIRY SCIENCE

A discussion of milk processing and what occurs during pasteurization, homogenization and vitamin fortification. Additionally, the production explains the components of milk and the differences between fluid milk products for milk varieties. 30 minutes, 2011. CEV

DVD Order Number: CEV80195 .................................................. $115.00

DAIRY CATTLE JUDGING: HEIFERS

This video teaches viewers the skills of linear evaluation needed to appraise udders, feet and legs, frame, body capacity, and dairy character. It explains the Purebred Dairy Cattle Association (PDCA) scorecard for judging dairy cows and heifers, and gives tips about judging. Interviews from current and past judges. Quizzes and supplement included. 40 minutes, 1998. CEV

DVD Order Number: CEV488D .................................................. $99.00

DAIRY CATTLE JUDGING: ORAL REASONS

Watch as Dr. Dickson shares the “secrets” of good note-taking and how to link terms and phrases together to form reasons that are valid, interesting, and impressive. Then using a PDCA scorecard, he demonstrates how Oral Reasons are scored and critiques sample Oral Reasons while giving tips on how to improve presentations. Quizzes test students’ knowledge. Supplement included. 35 minutes, 1998. CEV

DVD Order Number: CEV489D .................................................. $99.00

PRACTICE DAIRY CATTLE JUDGING

PRACTICE DAIRY CATTLE JUDGING I  49 minutes, 1993
Classes presented include 3-year-old Jersey cows and fall heifer calves, Ashyire summer yearling heifers, and 3-year-old Holstein cows.

DVD Order Number: CEV511D .................................................. $49.00

PRACTICE DAIRY CATTLE JUDGING II  38 minutes, 1994
Classes presented include aged Holstein cows and yearling heifers, and Guernsey winter calves.

DVD Order Number: CEV514D .................................................. $49.00

PRACTICE DAIRY CATTLE JUDGING IV  37 minutes, 1994
Classes presented include Jersey winter yearling heifers, 4-year-old Milking Shorthorn cows, and Holstein fall heifers.

DVD Order Number: CEV515D .................................................. $49.00

DAIRY CATTLE JUDGING: COWS

This video explains each section of the PDCA score card to evaluate udders, dairy character, feet and legs, frame, body capacity, and faults and defects. Viewers will also hear “insider information” on judging dairy cows and summarizing placings. Section quizzes & supplement included. 40 minutes, 1998. CEV

DVD Order Number: CEV486D .................................................. $99.00

DAIRY CATTLE JUDGING: FUNDAMENTALS

This video teaches viewers the skills of linear evaluation needed to appraise udders, feet and legs, frame, body capacity, and dairy character. It explains the Purebred Dairy Cattle Association (PDCA) scorecard for judging dairy cows and heifers, and gives tips about judging. Interviews from current and past judges. Quizzes and supplement included. 40 minutes, 1998. CEV

DVD Order Number: CEV488D .................................................. $99.00

PRACTICE DAIRY HEIFER JUDGING

PRACTICE DAIRY HEIFER JUDGING

See how you would place these heifers: Holstein junior yearlings, Milking Shorthorn senior heifer calves, Jersey senior yearlings, Brown Swiss junior yearlings, and Holstein senior heifer calves. For each heifer you see rear, walking, posing, and top views. Evaluation placings are provided by experts. 27 minutes. CEV

DVD Order Number: CEV507D .................................................. $49.00
THE OFFICIAL HORSE BREEDS STANDARDS GUIDE

This is the only guidebook collecting the official North America breed associations' standards and conformation details, making it a much-needed, handy, and comprehensive reference. For each of 118 North American breeds—from ponies and small horses to pleasure horses, draft horses, and thoroughbred racers—the massive 200,000-word guide provides an official history, detailed conformation ideals, descriptions of gait and distinctive traits, temperament, colors, and variations. Fine color photographs complete the detailed picture each entry presents. VOYAGUER

Text: 672 pages, 2009, hardcover
Order Number: VP3499-7 ................................................................. $40.00

THE HORSE NUTRITION HANDBOOK

Good nutrition is essential to a strong and healthy horse. Melyni Worth explains everything you need to know about equine nutrition, and she shows you how to evaluate a horse's weight and well-being and plan a corresponding diet. Worth also addresses the specific needs of brood mares, performance horses, and other working animals; the benefits of additives and herbal supplements; and dietary approaches to common health problems, including colic, cribbing, Cushing's disease, insulin resistance, metabolic bone disorder, tying-up syndrome, and ulcers. SGW

Text: 256 pages, 2010, paperback
Order Number: SGW541-4 ................................................................. $19.95

CAREERS: EQUINE INDUSTRY

Potential equine careers are discussed in two sections: direct and indirect involvement. Direct involvement explores hands-on activities with horses. Indirect involvement covers business, communications, and sales. Here top equine experts offer insight into careers in the industry, discussing educational requirements and daily responsibilities. Supplement included. 30 minutes, 2001. CEV

DVD Order Number: CEV400D ................................................................. $99.00

STOREY'S GUIDE TO RAISING HORSES, 2E

Since it was first published, this classic guide has helped thousands of horse owners with its comprehensive, expert information on grooming, foaling, housing, diet, exercise, disease prevention and treatment, and much more. Now completely revised and updated, the second edition includes up-to-date coverage of horse health issues and vaccination options, thoroughly updated advice on hoof care, and expanded coverage of reproductive care and techniques. STOREY

528 pages, paperback, 2009
Order Number: SGW471-4 ................................................................. $19.95

HORSEMANSHIP HANDBOOK, 8E

This exciting edition is designed to provide the theory, philosophy, and factual information important to students during the early stages of horseback riding. The intent of the material presented is to facilitate an understanding of and communication with the horse, to stress safety, and to supplement hands-on training. Includes clear, concise illustrations and drawings throughout and a glossary of equine terms. HOBAR

About the Author: Susan J. Stuska's career path has always included education, with an emphasis in teaching equine curriculum at the college level. She has also worked as a camp instructor, veterinary clinic technician, show-horse groom, and a guest ranch head wrangler. She now works as a wildlife biologist specializing in wild horses.

144 pages, 2004, paperback
Order Number: 12004 .................. $17.50 each, $14.00 (10 or more)

HORSE CONFORMATION

Structure, Soundness, and Performance

Using hundreds of photographs and drawings, this masterfully produced book will show you how to assess equine conformation and anatomy. It focuses on ideal and abnormal conformation features; balance and symmetry; colors and markings; anatomical elements, teeth and aging; digestive, neurological, respiratory, and circulatory systems; and the relationship between structure and function. LYONS PRESS

484 pages, 2004, paperback
Order Number: LY487-6 ................................................................. $24.95

CAREERS WITH HORSES

The Comprehensive Guide to Finding Your Dream Job

This attractive guide contains profiles of more than 100 industry professionals, over 200 job profiles and 20 in-depth appendices. Choose from a wide range of equine occupations, including careers in the fields of breeding, communications, equine health and welfare, horseracing, marketing and sales, research and education and much more. BOWTIE

624 pages, 2004, paperback
Order Number: NCC4877 ................................................................. $29.95

HORSE LOVER'S ENCYCLOPEDIA

An English and Western A-to-Z Guide

This volume celebrates the many different equestrian philosophies and presents detailed information on all styles of breeds, healthy horse care, and stable lore. This unique, user friendly A-to-Z guide to the horse world is broad in scope, rich in content, and fully cross-referenced. Packed with illustrations, charts, quotations, tips, and insights, this book has the information you need. STOREY

427 pages, 2001, paperback
Order Number: SGW317-9 ................................................................. $24.95
4D VISION HORSE ANATOMY MODEL
A “Must Have” for horse lovers and those going into the Veterinarian profession. This 7” tall model contains 25 detachable organs and body parts and includes a display stand. Students can remove the animal’s bones and organs and replace them to help them learn the physical anatomy of the horse. Also includes an illustrated assembly guide and description of the anatomy along with some fun Q and A to test knowledge. This model has fine detailed sculpting with hand painted parts. TEDCO

Order number: 4DHORSE ......................................................... $31.00

EQUINE SCIENCE, 4E
This edition is replete with chapter topics and special features designed to make teaching and learning about horses easier for instructors and students. Chapters cover a wide range of topics such as breeds, anatomy, movement, nutrition, health management, behavior, training, and equitation. Attention is also given to management practices, business aspects, and career opportunities. Review questions, activities, and Web site resources are included at the end of each chapter. DELMAR

Text: 608 pages, 2013, hardcover
Order Number: 3877-6 .......................... $158.95 each, $127.16 (10 or more)
Instructor’s Guide:
Order Number: 3878-3 ................................................................. $21.95
Order Number: 3879-0 ................................................................. $417.95

HORSE BREEDS I
What breed claims to be the “most popular horse in the world?” Have you ever seen the unique lateral gait of a Peruvian Paso? What’s the difference between a Kiger Mustang and a Barb Mustang? Horse enthusiasts get ready to explore the history, characteristics, and development of 23 light horse breeds. You’ll see Akhal Tekke, American Saddlebred, Arabian, Indian Cayuse Pony, Paso Fino, American Bashir Curly, and many more of the most interesting equines in the world. 35 minutes, 1998. CEV

DVD Order Number: CEV141D ......................................................... $99.00

HORSE BREEDS II
You’ll be amazed at the variety among equines as you explore the history, characteristics, and development of 18 breeds which include Warmbloods, Draft or Coach horses, selected to be under 14.2 hands, and donkeys and mules. The superb countryside and shots of the Kentucky Horse Park outside Lexington, Kentucky are added features you’ll enjoy in this field trip to one of the horse capitals of the world. 35 minutes, 1998. CEV

DVD Order Number: CEV142D ......................................................... $99.00

FOALING
After watching this program, viewers will be able to recognize the signs of a mare beginning labor, be able to tell if delivery is progressing normally, and know when to either help with the delivery or call in the veterinarian immediately. Viewers will also gain a better understanding of foaling problems such as maternal and fetal dystocia. Delivery and care of the foal are shown in vivid detail. Study guide included. 20 minutes, 1997. CEV

DVD Order Number: CEV140D ......................................................... $99.00

FUNDAMENTAL HORSE HOOF CARE
A world-renowned farrier discusses lower leg anatomy, parts of the hoof, proper hoof cleaning, how to hold the horse for the farrier, farrier selection, and the farrier/client relationship. He also discusses proper trimming and shoeing, explains the importance of the environment and nutrition on the health of the hoof, and tells how to properly apply hoof dressings. Quizzes and supplement included. 43 minutes, 2000. CEV

DVD Order Number: CEV106D ......................................................... $89.00

KNOW YOUR DONKIES & MULES
These little books introduce adults and children alike to popular breeds of donkeys. Each breed gets a spread featuring a color photograph and a full discussion of identifying characteristics, plus a write-up about the breed’s history, personality, and suitability for the small farm. FOX CHAPEL

2012, paperback.
Order Number: FC6141 ......................................................... $6.95

STARTING & RUNNING YOUR OWN HORSE BUSINESS
This book is a practical handbook that covers making the most of your investment in horses, facilities, equipment, and time. It shows how to begin a variety of income generating activities and programs; and manage promotional events that create interest and bring in business. It has great ideas on how to save cash on stable management, horse care, and equipment, plus it includes 20 forms and contracts. STOREY

224 pages, 2009, paperback
Order Number: SGW483-7 ......................................................... $19.95
101 ARENA EXERCISES
A Ringside Guide for Horse & Rider

This book is presented in a unique “read-and-ride” format that allows it to be hung like a calendar for quick and easy reference. This is a valuable workbook for trainers, instructors, and anyone who rides and is interested in exploring new teaching methods. STOREY

Some of the riding drills included are:

• Collected Canter
• Circle and Leg Yield
• Long and Low
• Trot-Halt-Back-Walk
• Loosen Up
• Zigzag Half Pass
• Spiral

214 pages, 1995, spiral bound
Order Number: SGW316-X ........................................................... $29.95

HORSE HANDLING & GROOMING

Cherry Hill offers this book as a guide to essential skills including feeding, haltering, tying, grooming, clipping, bathing, braiding, and blanketing. The wealth of practical advice offered is thorough enough for beginners, yet useful for experienced riders improving their skills. STOREY

151 pages, 1997, paperback
Order Number: SGW956-7 ........................................................... $19.95

HORSEKEEPING ON A SMALL ACREAGE
Designing and Managing Your Equine Facilities

This book explains the behavior and needs of horses and helps you choose a management method that fits your lifestyle and locale. Maximize your horsekeeping effectiveness with careful planning of facilities and diligent management routines that will keep horses happy, healthy, and safe. STOREY

308 pages, 2005, paperback
Order Number: SGW535-X ........................................................... $24.95

THE FIELD GUIDE TO HORSES

This book, with profiles of one hundred horse, pony, and draft breeds, is the most comprehensive field guide to horses ever published. Illustrated throughout with fine color photographs, the profiles detail the characteristics and unique aspects of each breed; they also include brief histories and explain distinctions of equine color genetics, markings and patterns, and conformation. Complete, concise, and compact, this field guide is as handy as it is informative—the perfect companion for anyone considering horses. VOYAGEUR PRESS

Text: 144 pages, 2009, paperback
Order Number: VP3508-6 ........................................................... $19.95

FIELD TRIP—THOROUGHBRED FARM

Located on 1000 acres outside Nicholasville, Kentucky, family owned and run Taylor Made Farm is the home of Unbridled’s Song. Includes footage of natural mating and hygiene before breeding. Visit the mare and foal complex where Taylor Made emphasizes a stress-free environment and the yearling complex where horses are prepared for sale. Watch horses “work out” on the automatic walking machine and treadmill. See horses worked in the round pen using the “Advance and Retreat” method. Supplement included. 29 minutes, 2000. CEV

DVD Order Number: CEV143D .................................................. $99.00

EQUINE MANAGEMENT VIDEOS

PSYCHOLOGY AND HANDLING

This presentation, discusses the principles that help with everyday equine management practices. Learn the correct methods for catching, haltering, tying, grooming, leading, and handling your horse. Proper housing, transportation techniques, basic terminology used in the equine industry, and parts of the horse are discussed and illustrated. Also covers the psychology of the horse. Supplement provided. 28 minutes, 2001. CEV

DVD Order Number: CEV138D .................................................. $99.00

GROOMING AND SADDLING

Learn proper daily grooming techniques, tail care, clipping procedures, and instructions on how to pick your horse’s feet. Listen to an equine specialist discuss the difference in tack and equipment for varied equine programs. Snaffle bits, curb bits, headstalls, and reins are discussed. View the safe and correct way to saddle and bridle your horse as shown by an expert. A supplement is included. 31 minutes, 2001. CEV

DVD Order Number: CEV139D .................................................. $99.00

NUTRITION, HEALTH, AND EXERCISE

This discusses health factors such as examinations, vaccinations, dewormers, and signs of sickness and stress. Equine nutrition information such as determining the quality of hay, amount fed, and how often plus additional nutritional feeds are discussed in depth. View different horse exercises essential to any equine program. Additionally, the duration of each exercise and psychology of learning for horses are addressed. Supplement included. 20 minutes, 2001. CEV

DVD Order Number: CEV144D .................................................. $99.00

HOW TO RAISE HORSES

The show horse or the racing steed, the friendly mount or the breeding stallion, the draft horse or the companion: Whatever sort of horse you’re raising—or even thinking about raising—this book provides all the information you’ll need, such as basic health care, housing, feed, and raising foals. An essential primer for the newcomer to horse care as well as an invaluable resource for the veteran, this clearly and amply illustrated guide covers the basics and the finer points of breeding and health care, housing and exercising, feed and nutrition requirements. It should find a place in every horse lover’s library. VOYAGEUR

192 pages, 2007, paperback
Order Number: CPI27197 ........................................................... $19.95
HORSE HANDLING AND GROOMING

This visual guide leads you through every step of handling and grooming your horse, leaving your hands free to perform each procedure. This book practically takes you by the hand as you catch, lead, braid, tack up, and even trick-train your horse. STOREY

124 pages, 2007, paperback with concealed spiral
Order Number: SGW639-9.......................... $24.95

HORSE HEALTH CARE + FIRST AID

Highly visible illustrations and straightforward, step-by-step instructions allow you to take charge of your horses health care. A sturdy, flip-open guide that hangs on a nail and covers nutrition, dental care, hoof care, preventative care, first aid, lameness, and how to treat wounds. STOREY

124 pages, 2007, paperback with concealed spiral
Order Number: SGW639-9.......................... $24.95

HORSE JUDGING CONTESTS

Help students improve their horse judging skills in halter, hunter under saddle, western pleasure, western riding, trail, and reining. Classes are judged by recognized equine experts. CEV

HORSE JUDGING CONTEST I  56 minutes, 1996
DVD Order Number: CEV101D.......................... $79.00

HORSE JUDGING CONTEST II  57 minutes, 1997
DVD Order Number: CEV102D.......................... $79.00

HORSE JUDGING CONTEST III  59 minutes, 1998
DVD Order Number: CEV103D.......................... $79.00

HORSE JUDGING CONTEST IV  56 minutes, 1998
DVD Order Number: CEV104D.......................... $79.00

HORSE JUDGING CONTEST V  58 minutes, 1999
DVD Order Number: CEV105D.......................... $79.00

THE DONKEY COMPANION

Selecting, Training, Breeding, Enjoying & Caring for Donkeys

Friendly, dependable, intelligent, and easy to care for, donkeys are increasingly prized by small-scale farmers, horse lovers, and animal enthusiasts. Readers will come to understand this versatile animal, and through understanding will become skilled, satisfied owners. Offers detailed information about different breeds and types; provides tips for finding and selecting the right animal; explains donkeys’ daily care and health requirements; and guides readers through the nuances of training, riding, driving, and breeding. STOREY

343 pages, 2008, paperback
Order Number: SGW038-9.......................... $24.95

THE DONKEY COMPANION

Selecting, Training, Breeding, Enjoying & Caring for Donkeys

Friendly, dependable, intelligent, and easy to care for, donkeys are increasingly prized by small-scale farmers, horse lovers, and animal enthusiasts. Readers will come to understand this versatile animal, and through understanding will become skilled, satisfied owners. Offers detailed information about different breeds and types; provides tips for finding and selecting the right animal; explains donkeys’ daily care and health requirements; and guides readers through the nuances of training, riding, driving, and breeding. STOREY

343 pages, 2008, paperback
Order Number: SGW038-9.......................... $24.95

HORSE JUDGING PROGRAMS

ORAL REASONS FOR HORSE JUDGING

Includes what it takes to be competitive in the reasons room at a national level; discussion on organization, terminology, and presentation; and sample sets of reasons critiqued by a panel of experts. 35 minutes, 1989. CEV

DVD Order Number: CEV101D.......................... $79.00

HOW TO JUDGE HALTER HORSES

Includes factors used in evaluating the conformation of horses (balance, structure, muscling, quality, way of travel, and breed character). John Pipkin (Horse Judging Team Coach, Texas Tech University) explains each factor in detail using live horses and summarizes the factors utilizing a demonstration class and critique. 45 minutes, 1989. CEV

DVD Order Number: CEV102D.......................... $95.00

HOW TO JUDGE WESTERN PLEASURE

Includes functional requirements considered in evaluating the Western Pleasure class; factors and components involved with judging (quality of movement, attitude, functional correctness, head set, and carriage); exhibition class showing the horses performing individually both directions of the arena at all three gaits (walk, trot, lope) as well as in the group of four, allowing for more accurate comparisons between horses. 20 minutes, 1989. CEV

DVD Order Number: CEV103D.......................... $79.00

HOW TO JUDGE HUNTER UNDER SADDLE

Includes functional requirements considered in evaluating the Hunter Under Saddle class; factors and components involved when judging (suitability to purpose, quality of movement, functional correctness, head set and carriage, and attitude); exhibition class showing the horses performing at all three gaits (walk, trot, lope) individually, as well as in a class of four allowing for more accurate comparisons between horses. 23 minutes, 1989. CEV

DVD Order Number: CEV104D.......................... $79.00

HOW TO JUDGE WESTERN RIDING

Includes functional requirements considered in evaluating the Western Riding class; components and factors involved when judging (quality of movement, correctness of lead changes and accuracy of pattern). John Pipkin places and critiques an exhibition class and summarizes the factors involved in the placing. 38 minutes, 1991. CEV

DVD Order Number: CEV105D.......................... $79.00

HOW TO JUDGE REINING

Includes functional requirements considered in evaluating the Reining class; desirable components and factors involved when judging (accuracy of pattern work and its component parts, functional correctness, and authority of performance). 37 minutes, 1989. CEV

DVD Order Number: CEV106D.......................... $79.00

BRAIDING MANES AND TAILS

Show off your horse’s good looks. Braiding is the final touch that gives your horse a polished, well-turned-out appearance. When it’s not show day, braiding can preserve a long mane or full tail, or provide a fun, calming activity for horse and rider. Learn the details that can help you master 30 braids suiting every discipline, including hunter, dressage, saddle-seat, Western, and draft. STOREY

151 pages, 2007, concealed spiral
Order Number: SGW699-6.......................... $22.95

TOLL - FREE: (800) 846-7027
STORAGE’S ILLUSTRATED GUIDE TO POULTRY BREEDS
A guide to more than 128 North American barnyard and wild fowl. It includes a brief history of each breed, descriptions of identifying characteristics, and photography that celebrates the birds’ quirky personalities and good looks. The species of birds covered are chickens, ducks, geese, turkeys, musk-rats, quails, and swans. STOREY

278 pages, 2007, paperback
Order Number: Sgw667-5 ................................................................. $24.95

BASIC Poultry REPRODUCTION
Reproductive efficiency is the key to continuous growth in the poultry production industry. This video shows actual footage of the male reproductive tract, the egg being formed in the female tract, and explains the natural and artificial breeding practices utilized in today’s industry. 50 minutes
DVD Order Number: CEV 523D .............................................................. $89.00

KNOW YOUR CHICKENS
These little books introduce adults and children alike to popular breeds of chickens. Each breed gets a spread featuring a color photograph and a full discussion of identifying characteristics, plus a write-up about the breed’s history, personality, and suitability for the small farm. FOX CHAPEL 2012, paperback.
Order Number: FC6127 ........................................................................ $6.95

POULTRY JUDGING CONTEST
Presents for evaluation placing and two grading classes for eggs, broilers, ready-to-cook poultry, meat patties, and production hens. Official placements, cuts and grades are provided. 60 minutes, 1999. CEV
DVD Order Number: CEV226D .............................................................. $59.00

POULTRY JUDGING: BROILER BREEDER EVALUATION
The factors for “keeping” and “culling” broiler breeders are discussed along with the proper techniques for evaluating body conformation and muscling, various deformities found in a contest and the proper method of handling and evaluating a bird in its cage. 29 minutes, 2011. CEV
DVD Order Number: CEV80187 .............................................................. $99.00

EGG GRADING
Dr. Jason Lee, Assistant Professor of Poultry Science at Texas A&M, provides valuable instruction on grading both interior and exterior egg quality and explains the written factors for egg exterior quality. 24 minutes, 2011. CEV
DVD Order Number: CEV80196 .............................................................. $99.00

POULTRY CDE PREPARATION
This CD-ROM is meant to prepare poultry. Contains a Poultry CDE rules and review; CDE Exams; flashcards; PowerPoint® material; lesson plans; educational games and related instructional material. For Windows and Mac. AAVIM
Order Number: 725CD ................................................................. $89.00

4D VISION CHICKEN ANATOMY MODEL
Build your own anatomy model of the chicken! This exceptionally detailed, 8” model contains 32 detachable, hand-painted organs and body parts plus a display stand. Also includes illustrated assembly guide, description of the anatomy, a detailed description of a chicken’s life cycle, eating habits and size along with some fun Q&A to test your knowledge! A nice addition to any science fair project related to animal science.
Order Number: 4DCHICKEN ................................................................. $31.00

POULTRY JUDGING: INTRODUCTION TO POULTRY JUDGING
The host introduces the poultry industry, discusses the many career opportunities, available and explains the benefits of judging. Then, viewers are shown the fundamentals of handling pullets and hens and broiler carcasses for judging purposes. Detailed anatomical discussions of a live bird, carcass, and egg are included. CEV
23 minutes, 2011
DVD Order Number: CEV0525 .............................................................. $65.00

PRACTICE POULTRY JUDGING IV
Classes include pullets, production hens, interior and exterior egg grading, and cartoned egg placing. CEV
24 minutes, 1994
DVD Order Number: CEV532D .............................................................. $49.00

PRACTICE POULTRY JUDGING V
Classes include broiler grading, ready-to-cook poultry evaluation, breaded patty evaluation, and poultry part identification. CEV
24 minutes, 1994
DVD Order Number: CEV531D .............................................................. $59.00

EGG PRODUCTION
Follow the egg as it leaves the chicken until it is placed on the truck ready to be delivered to the local grocery store. Mr. Delvin Barrett, president of Feather Crest Companies, discusses nutrition, housing, and environmental control of laying hens, as well as all facilities and automated machinery involved in the processing and packaging of eggs. Supplement included. 40 minutes, 2000. CEV
DVD Order Number: CEV550D .............................................................. $95.00

REINVENTING THE CHICKEN COOP
This project book contains 14 original designs with step-by-step building instructions. Backyard chickens need a coop to call home, and you want a structure that not only keeps your hens safe and comfortable but also looks great. This collection includes the simple Chick-in-a-Box, a Modern Log Cabin, the multiuse Kippen House Garden Roof Chicken Coop, and the intriguing Coopsciple. SGW
192 pages, 2013, paperback
Order Number: SGW980-1 ................................................................. $19.95

www.finney-hobar.com
STOREY'S BARN GUIDE TO SHEEP

This book provides clear, step-by-step explanations of the basic procedures of keeping sheep. Graphic presentations guide farmers through trimming hooves, administering injections, assisting with lambing, bottle feeding, milking, shearing, and every other situation that might arise during the normal course of a sheep's life. In addition to the procedural information, the book also features full-color anatomical illustrations, a lambing calendar, a feeding chart, and a helpful record-keeping section. STOREY

96 pages, 2006, paperback with concealed wire binding
Order Number: SGW849..................................................$29.95

SELECTION AND CARE OF MARKET LAMBS

Gail Christian, Ag-Science Instructor, provides a definitive discussion on selecting market lambs. This discussion includes a detailed explanation of the different breeds of sheep, classification concerns the showperson should have when selecting a lamb, good lamb conformation, and evaluating lambs utilizing a four-step method. Good feeding, health, and housing practices are also emphasized. 44 minutes, 1994. CEV

DVD Order Number: CEV219D..................................................$75.00

LAMB RETAIL CUTS IDENTIFICATION

Using a live lamb, a skeleton, and a lamb carcass to relate major bones, muscles, and wholesale cuts to retail cuts this video details 23 retail and variety cuts. Accepted industry names with helpful hints relating to location, major muscles and bones, cut size, shape, and exposed faces are provided along with recommended cooking methods. Video graphics are used to maintain student interest and subject retention. 40 minutes, 1988. CEV

DVD Order Number: CEV254D..................................................$65.00

MARKET LAMB AND BREEDING SHEEP EVALUATION

Sheep specialist utilize 15 sheep for individual estimates, pricing, and performance classes. It explains the procedures for estimating carcass traits, market value determination, and ranking based on performance. Carcasses and carcass data follow each class. It explains evaluation factors placing emphasis on the breeding scenario and visual characteristics. 60 minutes, 1991. CEV

DVD Order Number: CEV442D..................................................$59.00

PORK AND LAMB FABRICATION

Basics of both pork and lamb carcass processing, including pre-operational inspection of facilities, breaking the carcass into wholesale cuts, and fabrication into retail cuts. Includes anatomy, retail yields, packaging, safety and sanitation, and carcass judging. Section quizzes and a final quiz also included Supplement included. 54 minutes, 1989. CEV

DVD Order Number: CEV232D..................................................$79.00

SHEEP MANAGEMENT PRACTICES

This presentation will have you “herding” your students into the classroom to learn more about the sheep industry. It discusses different types of sheep operations, breeds, sheep evaluation, nutrition and health, and different management practices. It also covers common sheep diseases, castration, docking, dehorning, hoof trimming, shearing, and wool evaluation. 50 minutes, 2008. CEV

DVD Order Number: CEV80136D..................................................$115.00

FITTING AND SHOWING MARKET LAMBS

This educational video addresses the following topics: equipment, washing, grooming, blanket and sweater use, feeding at the show, training, and features clipping and showmanship. Scott Doss, an agricultural science instructor with more than 20 years of experience in the club lamb industry, provides expertise and advice. 56 minutes, 1993. CEV

DVD Order Number: CEV212D..................................................$75.00

LIVESTOCK JUDGING: MARKET LAMB EVALUATION

Today’s sheep producer must provide animals which are lean and muscular. Dr. Frank Craddock (Texas A&M) discusses Market Lamb evaluation using five criteria: growth, muscling, structural correctness, style and balance, and finish. Supplement included. 47 minutes, 1998. CEV

DVD Order Number: CEV477D..................................................$99.00

LIVESTOCK JUDGING: BREEDING SHEEP EVALUATION

Dr. Frank Craddock discusses evaluation of breeding sheep in four sections: Wool-type breeds, Meat-type breeds, Performance data, and a Practice class. He also discusses size and scale, structural correctness, muscling, volume and capacity, breed and sex characteristics, and wool production. A set of collegiate oral reasons and a final quiz is also included. Supplement included. 53 minutes, 1998. CEV

DVD Order Number: CEV476D..................................................$99.00

PRACTICE SHEEP JUDGING

Providing students with additional practice classes, this video includes: two classes of medium wool market lambs, one class of fine wool ewes, one class of medium wool ewes, and one class of crossbred market lambs. Placings and cuts are provided by Dr. Frank Craddock. 42 minutes. CEV

DVD Order Number: CEV417D..................................................$49.00

STOREY’S GUIDE TO RAISING SHEEP, 4E

Extensively revised and updated with more than 100 new pages added, Raising Sheep includes information on selection, housing, space requirements, breeding and birthing techniques, feeding, behavior, and health concerns and remedies for illnesses. STOREY

448 pages, 2009, paperback
Order Number: SGW459-2..................................................$19.95

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SMALL ANIMAL CARE & MANAGEMENT, 4E
This is a comprehensive text that provides the skills and knowledge needed for students interested in working with small animals. This highly researched text covers numerous species, detailed by scientific names, as well as the history and the domestication of animals including information on safety, nutrition, and careers. DELMAR

Text: 656 pages, 2016, hardcover
Order Number: 2552-8 .................. $150.95 each, $120.76(10 or more)

Instructor’s Guide:
Order Number: 2553-5 ................................. $21.95

Workbook:
Order Number: 2555-9 .......................... $36.95 each, $29.56 (10 or more)

Classmaster CD-ROM
Order Number: 2556-6 ................................. $476.95

VETERINARY GUIDE FOR ANIMAL OWNERS, 2E
This easy-to-use reference guide provides everything you need to know about caring for and treating pets and livestock. With complete chapters on cats, cows, dogs, goats, horses, pigs, poultry, rabbits, and sheep, it includes hundreds of strategies for preventing and curing common problems. SKYHORSE

Order Number: ROD404-4 ............... $14.95 each, $12.71(10 or more)

24 WEEKEND PROJECTS FOR PETS
This book offers two dozen truly unique projects for your furry, feathered, and finny friends. You’ll find a variety of homes and shelters for your dog, recreation structures for your cat, and several projects for birds. You’ll even find a great cage suitable for hamsters, guinea pigs, or rabbits; an elegant hardwood stand for a fish tank; and a cage for snakes, lizards, or other reptiles. With each project, you’ll get complete, detailed instructions, easy-to-follow building plans, and step-by-step photography. B&D

158 pages, 2007, paperback
Order Number: CPI3089 ................................. $24.99

COMPLETE GUIDE TO FERRETS
This book explains every aspect of ferrets and ferreting. There is advise on housing and equipment, feeding, handling, training, breeding, showing, ferret racing, working and ailments. A glossary of terms and details of useful organizations and color photographs are also included. STACKPOLE

176 pages, 1995, paperback
Order Number: SP433-7 ................................. $19.95

BASIC COMPANION ANIMAL CARE
Pets provide companionship, acceptance, and love, but they also require maintenance. The potential pet owner should look past the initial purchase price and think of a pet as a long-term commitment to ensure a healthy, happy pet. Proper vaccines, diet, exercise, grooming, and pet-proofing your home are discussed by qualified veterinarians and animal care specialists. Also discussed are annual check-ups, internal and external parasites, and traveling tips. 37 minutes. CEV

DVD Order Number: CEV235D ........................................ $75.00

4D FULL SKELETON DOG
Build your own full skeleton anatomy model of the dog! This exceptionally detailed, 8” model contains 30 detachable, hand-painted organs and parts and a display stand. Also includes illustrated assembly guide, description of the anatomy, a detailed description of a dog’s life cycle, eating habits and size along with some fun Q&A to test your knowledge! A nice addition to curriculum for teaching animal science or any child’s science fair project related to animal science. TEDCO

Order Number: 4DDOGSKELETON .................... $21.00

4D VISION DOG ANATOMY MODEL
This 6.5” tall dog model contains 28 detachable organs and body parts and includes a display stand. Students can remove the animal’s bones and organs and replace them as they learn the physical anatomy of the dog. Also includes illustrated assembly guide and description of the anatomy along with some fun Q&A and A to test knowledge. This model has fine detailed sculpting with hand painted parts. Combined with the 4D Full Skeleton Dog and these will greatly enhance your small animal curriculum. TEDCO

Order number: 4DDOG ................................. $31.00

THE DOG ANATOMY WORKBOOK
A Guide to the Canine Body
This is the ideal learning aid for anyone interested in the structure and function of the canine body. The book will appeal to veterinary and veterinary assistant students, animal physical therapists, animal care technicians, breeders, and others working in animal care and welfare. Throughout the text, clinical pointers indicate the relevance of anatomy to common disease and the treatments. Featuring over 250 drawings this will assist a new generation to familiarize themselves with the intricate make-up of the canine body. PERSEUS

216 pages, 2014, Hardcover, concealed spiral-bound
Order Number: TSB696-1 ..................................... $45.00

www.finney-hobar.com
THE MERCK MANUAL FOR PET HEALTH
This book delivers animal health expertise in everyday language that all pet owners can understand. This in-depth resource, authored by over 200 veterinary experts, covers the full spectrum of pets—from dogs, cats, and horses to birds, reptiles, fish, and other exotic pets. No other book provides as much health information on as many types of animals. 1346 pages, 2007. MERCK

Paperback:
Order Number: PET995..............................................................$22.95

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Order Number: PET223..............................................................$29.95

EXOTIC ANIMAL CARE & MANAGEMENT
This text focuses entirely on exotic animal care and husbandry. Species covered include ferrets, rabbits, guinea pigs, rats and mice, birds, reptiles and amphibians, scorpions, tarantulas, llamas, miniature pigs, and more. It addresses behavior, habitat, husbandry, and diet for each. Common diseases for each species are discussed, from the perspective of providing nursing care and recognizing signs of health problems. Also covered are injection sites, administration of medication, anesthesia, restraint, and handling. DELMAR

Text: 274 pages, 2008, paperback
Order Number: 4198-4 $164.95 each, $131.96 (10 or more)

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Order Number: 4199-1 $21.95

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A page overview of each group (turtles and tortoises, crocodiles, lizards, snakes, salamanders and newts, caecilians, and frogs) is followed by close-up color photographs showing the animals' vivid colors, beautiful patterns, or unusual forms. A paragraph including common and scientific names, adult size, habitat, range, diet, reproduction, and interesting facts accompanies each photograph. WORLD

208 pages, 1997, paperback
Order Number: GOV456..............................................................$22.95

STOREY'S GUIDE TO RAISING RABBITS
Everyone who owns and cares for rabbits will benefit from the practical guidance and comprehensive care instructions found in this book. It is as essential to the owner of pet rabbits as it is to the farmer raising rabbits for meat or fur. Solid advice on breed selection, year-round care and feeding, safe housing humane handling, and disease prevention and treatment are all addressed. Also includes breed photographs, guidelines for showing, and marketing and sales tips. This is the classic, comprehensive, essential reference for all rabbit raisers. STOREY

256 pages, 2009, paperback.
Order Number: SGW456-1.............................................................$19.95

ANIMAL TALK CONVERSATION CARDS
Each card in the deck of 50 presents a fascinating fact, then poses an intriguing question to start fun-filled conversations. There are no right or wrong answers; no special knowledge is needed. It’s a light fun easy way to start the conversations rolling. BOOKSOURCE

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THE ULTIMATE ENCYCLOPEDIA OF CAGED AND AVIARY BIRDS
A practical reference guide to keeping pet birds, with expert advice on buying, understanding, breeding, and exhibiting birds. Includes step-by-step instructions on caring for pet birds in the home or outdoor aviary. A photographic guide to more than 250 of the world’s most popular bird varieties. HERMES HOUSE

256 pages, 2005, paperback
Order Number: HSO-164X ..............................................................$14.95

THE AMERICAN KENNEL CLUB’S TRAIN YOUR PUPPY RIGHT
Let the experts at the American Kennel Club show you the right way to train your new puppy. This official publication of AKC details the most successful approach to getting your puppy off to a good start. Combining solid positive-training methods with common sense and dependable advice from the country’s most prestigious dog organization, this book gives new owners a leg up on raising happy, healthy dogs that are well mannered and a pleasure to live with.

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A total of 16 common (Berkshire, Hampshire, Poland China, Spotted Poland China, Duroc, Chester White, Yorkshire, and Landrace), other (Hereford and Picttain) and rare (Red Waddle, Mulefoot, Yucatan, Os-sabaw Island, Tamworth, and Gloucester Old Spot) breeds are identified. Included is history, traits, and origin of all 16 breeds plus definitions of over 10 common and uncommon swine terms. Contains a quiz. Supplement included. 21 minutes, 1995. CEV

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Student and future swine producers will be provided beneficial information on the swine industry. Different swine operations, breeds, selection, nutrition, reproduction, and swine management are discussed in the program. Facilities, vaccinations, ear notching, and castration are also covered. 35 minutes, 2008. CEV

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This video includes boar, sow, and gilt selection; functional anatomy of the boar and sow; estrous cycle; estrus period; natural mating; summary; three quizzes (varying in difficulty); and answers. 30 minutes, 1985. CEV

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**SWINE REPRODUCTION II**

This live-action video covers semen collection, semen processing, artificial insemination, pregnancy diagnosis, embryo and fetus development, and several different farrowings. Also includes summary, quizzes, and answers. 31 minutes, 1985. CEV

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**SWINE PRODUCTION: FIELD TRIP**

Follow along a visit to the Texas division of National Hog Farms, whose state-of-the-art facilities house more than 17,000 sows, yielding 350,000 marketable pigs per year. Examine the three phases of production: breeding, farrowing and finishing. Then, watch how the hog farm takes care of housing, handling, disease control, ventilation, immunization and waste management. Be amazed by the numerous record-keeping procedures necessary for running an efficient swine production facility. A supplement is included. 47 minutes. CEV

DVD Order Number: CEV220D................................. $85.00

**PORK AND LAMB FABRICATION**

Basics of both pork and lamb carcass processing, including pre-operation inspection of facilities, breaking the carcass into wholesale cuts, and fabrication into retail cuts. Includes anatomy, retail yields, packaging, safety and sanitation, and carcass judging. Section quizzes and a final quiz also included Supplement included. 54 minutes, 1989. CEV

DVD Order Number: CEV232D................................. $79.00
EXCEL PORK PLANT: SLAUGHTER

Tour EXCEL's Ottumwa, Iowa pork packing plant, where 12,500 hogs are efficiently and humanely slaughtered each day. At buying stations, hogs are sorted, counted, weighed, tattooed, washed, and rested. Pre-slaughter tasks include ante-mortem inspection by a USDA veterinarian, washing, and humane stunning with electricity. Slaughter processes include sticking and bleeding, dehairing, removal and processing of the head, evisceration of internal organs, carcass splitting, and chilling in a blast freezer at -40° F. Pork by-products such as blood, intestines, fat, and skin are turned into fertilizer, sausage casings, lard, and fried pork skins. Safety and quality control measures include extensive worker training, HACCP programs, on-site inspection by USDA and EXCEL personnel, and laboratory testing. Includes section quizzes and a final quiz. Supplement included. 37 minutes, 2000. CEV

DVD Order Number: CEV236D...............................................................$150.00

EXCEL PORK PLANT: FABRICATION

Watch as pork carcasses are fabricated into primal cuts (ham, loin, Boston shoulder, picnic shoulder, and belly) and minor cuts (jowl, neck bones, spare ribs, clear plate, and fat back). See how trimmings and by-products are turned into ground meat products, lard, crackings, and bone meal. This tour includes cry-o-vac shrink wrapping, safety and sanitation precautions, full-facility cleaning and sanitation, and laboratory testing. Numerous quality control and sanitation safeguards are taken by EXCEL personnel and USDA inspectors. Video quizzes are included. Supplement included. 39 minutes, 2000. CEV

DVD Order Number: CEV237D...............................................................$125.00

SWINE SLAUGHTER AND DRESSING

This video allows viewers to witness the basic steps and equipment involved in the slaughter and dressing of swine. Detailed footage of stunning, sticking, scalding, dehairing, evisceration, head removal, and splitting is presented. Safety, sanitation, and USDA meat inspection are emphasized. 30 minutes, 1991. CEV

DVD Order Number: CEV282D...............................................................$59.00

PRACTICE SLAUGHTER HOG EVALUATION

Video footage of 20 live slaughter hogs shows various angles of each hog, enhancing evaluation and scoring. Following each hog, a discussion of the final grade obtained from the estimation of last rib backfat thickness and degree of muscling is provided. 38 minutes, 1991. CEV

DVD Order Number: CEV429D...............................................................$49.00

PRACTICE SWINE JUDGING

This video includes three classes of crossbred barrows, one class of Duroc gilts, and one class of crossbred gilts. Walking, ham, side, and top views are shown of each animal with some views of pairs and the whole class. 43 minutes, 1988. CEV

DVD Order Number: CEV416D...............................................................$49.00

FITTING AND SHOWING MARKET SWINE

This educational video addresses the following topics: equipment, washing, grooming, feeding at the show, and features clipping and showmanship. Join Roger Green, an agricultural science instructor with more than 20 years of teaching/coaching experience, as he advises feeders of breed and overall champion projects. 23 minutes, 1993. CEV

DVD Order Number: CEV210D...............................................................$75.00

MARKET SWINE EVALUATION

This video discusses factors involved in the evaluation of market hogs. It provides hints for estimating carcass traits of slaughter hogs, and it explains equations used to derive the market value of a group of hogs in the pricing class. Ideas about ranking a group of slaughter hogs based on individual performance are given. Following each discussion live market hogs are presented for viewer evaluation. Carcasses and carcass data are shown for each of the 14 hogs presented. 41 minutes, 1991. CEV

DVD Order Number: CEV439D...............................................................$59.00

PORK RETAIL CUTS IDENTIFICATION

Relating major bones and wholesale cuts to retail cuts, this video utilizes a live hog, a skeleton, and a pork side to explain 45 fresh, smoked, cured, and variety pork retail cuts. Accepted industry names with helpful hints relating to location, major muscles and bones, cut size, shape, and exposed faces are provided along with recommended cooking methods for each cut. 27 minutes, 1998. CEV

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START A COMMUNITY FOOD GARDEN
The Essential Handbook
LaManda Joy, the founder of Chicago’s Peterson Garden Project and a board member of the American Community Gardening Association, has worked in the community gardening trenches for years and brings her knowledge to the wider world in this hard-working guide. It covers every step of the process: fundraising, community organizing, site sourcing, garden design and planning, finding and managing volunteers, and managing the garden through all four seasons. A section dedicated to the basics of growing was designed to be used by community garden leaders as an educational tool for teaching new members how to successfully garden. TIMBER PRESS

224 pages, 2014, softcover
Order Number: TP484-0 JUST ADDED $24.95

FOOD SCIENCE
This text incorporates science concepts into a lab-oriented foods class. It helps students see how the food industry applies scientific principles when developing new food products. Students will discover how nutrients and other food components illustrate basic chemistry concepts and examine positive and negative impacts microorganisms have on the food supply. Students will also explore the variety of career opportunities available to workers with a food science background. GOODHEART-WILLCOX

Text: 858 pages, 2015, hardcover
Order Number: GW436-0 $104.00 each, $83.20 (10 or more)

Student Lab Manual: Includes vocabulary activities, application activities, and lab experiments with space for recording data, observations, and summaries.
Order Number: GW439-1 $24.00 each, $19.20 (10 or more)

Instructor’s Resource CD: Includes answer keys, lesson plans, chapter tests, lab guides, teaching visuals, and reproducible masters.
Order Number: GW440-7 $266.00

Exam/View Assessment Suite:
Order Number: GW441-4 $248.00

Teacher’s Presentation for Power Point:
This CD package contains presentations in PowerPoint format for each of the 25 chapters, comprising over 880 slides of instructional material.
Order Number: GW442-1 $240.00

HOME CHEESE MAKING
This book covers everything the novice cheese maker need to know about making delicious cheese. Features seventy-five recipes for cheese along with recipes for dairy products, including crème fraîche, sour cream, and yogurt. There are sixty recipes for cooking with cheese plus tips from cheese makers and lots of “cheesy” lore. STOREY

176 pages, 2005, paperback
Order Number: CPI1970 $19.99

MAKING ARTISAN CHEESE
50 Fine Cheeses That You Can Make in Your Own Kitchen
Most of the equipment you need is already in your kitchen. It includes recipes for gourmet cheeses and everyday favorites, with enticing variations with step-by-step illustrated techniques for fresh cheeses, molded cheeses, and aged cheeses. There are profiles of master cheese makers who share professional tips and advice. QUARRY

176 pages, 2005, paperback
Order Number: CPI1970 $19.99

TOLL - FREE: (800) 846-7027
THE GARDENER'S A-Z GUIDE TO GROWING ORGANIC FOOD
Enjoy guaranteed organic produce with this comprehensive plant-by-plant reference for how to select, grow, harvest, and store more than 765 varieties of vegetables, herbs, fruits, and nuts. Also included are more than 100 organic remedies for 201 diseases and pests. This is the book to demystify the complex organic systems of the garden, and make healthful vegetable gardening easier. STOREY
486 pages, 2003, paperback
Order Number: SGW370-5............................................................ $24.95

GROW ORGANIC
A simpler, fresher look at the organic approach in the whole garden—not just fruit and vegetables, but herbs, flowers, shrubs, trees, composting and recycling. This book is aimed more at the beginner teaching them how to manage diseases and pests without the use of chemicals. DK PUBLISHING
352 pages, 2008, hardcover
Order Number: DK3677............................................................. $25.00

THE ORGANIC GARDENERS HANDBOOK
A serious guide to the art and science of organic gardening and a user’s manual for the organic vegetable garden. Includes all the information needed to create a productive, low-cost, self-sustaining vegetable garden. Subjects covered include: soil management, compost making, mulching, green manures, crop planning, raising seedlings, direct sowing, transplanting, watering, weed and pest control, harvesting, seed saving, crop protection, greenhouses, tools, and more. CHELSEA GREEN
248 pages, 2008, paperback
Order Number: CG1-6............................................................ $24.95

STARTER VEGETABLE GARDENS
24 No-Fail Plans for Small Organic Gardens
Starter Vegetable Gardens takes the guesswork and anxiety out of growing food, explaining in simple language exactly how to start, maintain, and eventually expand an organic vegetable garden, even in the smallest of spaces. Choose one of 24 no-fail, small-scale garden plans and find out how easy it is to enjoy your own fresh food all season long! STOREY
179 pages, 2010, paperback
Order Number: SGW529-2.......................................................... $19.95

GARDEN UP!
Filled with design tips, plant ideas and over 200 photos, Garden Up! offers inspiration and how-to information for enhancing any outdoor space with vertical elements. Authors Morrison and Sweet cover everything from living wall projects simple enough for a home gardener to tackle to creative solutions for blank walls and narrow beds. COOL SPRINGS
224 pages, 2010, paperback
Order Number: CPI9329............................................................ $19.95

FOOD PLANTS OF THE WORLD
Plants and plant-derived products make up the bulk of what we eat and drink every day. This photographic and colorful book is a comprehensive overview of the plants that provide us with food, beverages, spices and flavors. Descriptions of more than 350 food and flavor plants and their close relatives are included. For each plant the following information is given: plant description, origin, history, cultivation, harvesting, properties and culinary uses. TIMBER PRESS
480 pages, 2005, hardcover
Order Number: TP743-6 .......................................................... $39.95

ECOLOGY FOR GARDENERS
This book looks at the structure, development, genetics, and reproduction of plants, the most prominent actors in garden ecosystems. It describes other garden organisms, focusing on those with the most influential roles—insects, nematodes, and microorganisms. Explore nutrient cycles, sunlight, air, water, the soil and the physical environment within which garden organisms live and function. TIMBER PRESS
328 pages, 2004, hardcover
Order Number: TP611-6 ............................................................ $29.95

BACKYARD VINTNER
An Enthusiast’s Guide to Growing Grapes and Making Wine at Home. This accessible guide teaches how to select, grow, and harvest grapes suited to your region, and then how to make authentic artisan wine from them. Inspiring photographs and how-to illustrations demonstrate techniques for growing grapes and making wine. This book gives tips on determining what kind of soil you have, how fertile it is, and which grapes are best suited to it. There are guides on which types of grapes will grow best in your climate and ideas on making, storing, and appreciating wines for readers at both the professional and nonprofessional level. QUARRY
176 pages, 2005, paperback
Order Number: CPI1981............................................................. $12.99

CAREERS IN HORTICULTURE
This video presents more than a dozen of the most modern and exciting career paths available for professional horticulturists. Includes interviews with some of the industry’s most successful people; viewers will also hear from teens and young adults studying horticulture. 52 minutes, 2007. SAN LUIS
DVD Order Number: SL3548........................................................ $119.00

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DVD
INTRODUCTORY HORTICULTURE, 8E
This text is a revision of one of the most widely used texts for secondary agriscience programs. With comprehensive content that includes extensive use of full color illustrations, this text addresses a wide scope of horticultural areas. Self-evaluations allow students to learn and retain the fundamentals. Inclusion of information on the latest technology and trends keep students on the cutting edge. Students will benefit from the tips and information on how to find and interview for a job in the industry, as well as how to successfully operate a horticulture business. DELMAR

Text: 768 pages, 2011, hardcover
Order Number: 8039-1 $170.95 each, $136.76 (10 or more)

Instructor’s Guide:
Order Number: 8040-7 $24.95

Lab Manual:
Order Number: 8041-4 $102.95 each, $82.36 (10 or more)

Lab Manual Instructor’s Guide:
Order Number: 8042-1 $24.95

Lab Manual CD-ROM: Includes the Lab Manual and Instructor’s Guide as .pdf files with license to unlimited use of all lab material provided.
Order Number: 8043-0 $578.95

Classroom Interactivity CD-ROM: Contains four games to reinforce material presented.
Order Number: 8044-5 $201.98

Order Number: 8045-2 $586.95

CAREERS IN A GLOBAL HORTICULTURE
Achieving fulfillment in ones work and being paid well to do it should be complimentary goals. Unfortunately, too many people attain one without the other. This book demonstrates that both objectives are not only feasible but highly have little to do with farming, but much to do with computer systems, gene splicing, financial systems, providing not just food but fuels, industrial chemicals, and a wide array of pharmaceutical medicines. The reader will discover the true world of horticulture and the stimulating careers that are found within it. JOHN DEERE

168 pages, 2001, paperback
Order Number: FBM21101NC $17.95

THE SCIENCE OF PROPAGATION

SEEDS: VOLUME 1
This video covers manual sowing techniques, as well as the use of semiautomatic and fully-automatic seeders. It studies genetic variation, hybrids, seed anatomy, stages of germination, harvesting, and winnowing and threshing techniques. Learn about germination requirements such as scarification, stratification, overcoming chemical inhibition, seed dormancy and quiescence. 32 minutes. SAN LUIS

DVD Order Number: SL3127 $119.00

CUTTINGS: VOLUME 2
From hardwood cuttings to hardening off, this video shows student the tools, processes, and methods used by professional propagators to successfully grow plants from cuttings. Many examples of stem-cuttings, leaf-cuttings, and root-cuttings are demonstrated, as well as examples of hardwood, semi-hardwood, softwood, and herbaceous cuttings. Explore plant anatomy, growing environments, transplanting and growing on, rooting principles, and the monitoring of growth and development of cuttings. 35 minutes. SAN LUIS

DVD Order Number: SL3131 $119.00

VEGETATIVE TECHNIQUES: VOLUME 3
See many examples of vegetative propagation methods such as division, layering, bulbs, and underground structures such as rhizomes and tubers. Careful examination of plant parts and procedures are given. 28 minutes. SAN LUIS

DVD Order Number: SL3135 $119.00

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NEW VOLUMES NOW AVAILABLE!

TUBERS & TUBEROUS ROOTS: VOLUME 4
The primary crops used in volume 4 are potatoes, sweet potatoes and dahlias. Aside from the traditional propagation methods using potato tubers, students will also learn how to work with True Seed Potatoes or TSP. Tubers and Tuberous Roots shows how to propagate the tuberous roots of dahlias and also demonstrates various treatments for extending the vase life of these extraordinary cut flowers. 28 minutes. © 2010. SAN LUIS

DVD Order Number: SL3592 $119.00

HYBRIDIZATION: VOLUME 5
By observing cross-pollination techniques on tomatoes and day lilies, students will be able to replicate or even find new applications for this technology. By breeding plants from closely related parents, we can improve disease resistance and modify the color, form and flavor of existing species and varieties. This DVD guides viewers step-by-step through the process of selecting suitable parents, cross pollination,emasculating, isolation, seed harvesting, sowing, transplanting and finally evaluating the new hybrid’s character. 28 min. © 2010. SAN LUIS

DVD Order Number: SL3645 $119.00

GRAFTING VEGETABLES: VOLUME 6
Grafting is a well-known method of improving crop performance of long-lived, woody plants like fruit and nut trees, roses and grapes. With this new DVD, horticulture instructors can quickly demonstrate the principles and mechanics of grafting by using fast-growing annual vegetables. Volume Six explains the techniques of approach grafting and cleft grafting. Learn the terms and definitions for grafting, and see how to select suitable vegetables for matching the scion (leafy tops) with understock (roots). 28 min. © 2010. SAN LUIS

DVD Order Number: SL3646 $119.00

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HYDROPONICS
An Introduction to Soilless Agriculture
It defines hydroponics as it related to both water (true hydroponics) and soilless growing mediums. It discusses how to start a hydroponics venture, types of crops currently being produced with hydroponics, and the future of hydroponics as a viable alternative in commercial plant growing. Designed for junior and senior high school, vocational, and college students; cooperative extension personnel; hobbyists; and entrepreneurs. AAVIM

Windows CD-ROM: Interactive program that includes the complete video combined with quiz and review material for individual use. Order Number: 600CD .......................................................... $84.95
Review Pack: A packet of reproducible vocabulary exercises, review questions, and suggestions for further study. A guide for related Internet resources is also included. Order Number: 600RP .......................................................... $13.95

GREENHOUSE HYDROPONICS
FROM SEED TO HARVEST
This video explains the basic structures and procedures used in operating a hydroponics greenhouse. This growing system produces great results for teachers, students, researchers, commercial growers, hobbyists, and horticultural therapists. The video also covers techniques for greenhouse planting, plant management and pruning, using bees for pollination and crop harvesting. Learn how hydroponics can help you or your students grow thriving plants with great yields. 29 minutes, 2004. U OF ARIZONA
DVD Order Number: AZD223 .................................................. $19.95

THE GREENHOUSE
Shot on location at Irwin Greenhouses in Canyon, Texas where over 150 crops are cultivated and distributed nationally. Includes a narrated tour through the greenhouses providing insight into the overall layout, business history, operational procedures in production of various potted plants, management practices in the greenhouse, explanation of equipment and facilities, and ordering and shipping procedures. Supplement included. 20 minutes, 2000. CEV.
DVD Order Number: CEV544D ................................................. $85.00

PLANT TAXONOMY
The Universal Language
This is a detailed video which explains the systems for naming, classifying, and identifying plants. The first half of the program introduces viewers to the internationally recognized system of binomial nomenclature. The second half of the video shows how to develop observation skills for recognizing plant families in gardens and natural environments. Extensive graphics, clear examples, original music and beautiful photography make this program a powerful resource. 49 minutes. SAN LUIS
DVD Order Number: SL2916 .......................................................... $155.00

ROOT-STEM-LEAF MODEL ACTIVITY SET
Set contains 3D model, measuring 18" W x 24" H, which shows all the structures within a seed-bearing woody plant. It uniquely promotes understanding of plant anatomy through the use of cross, transverse, and longitudinal sections. Also included is an extensive teacher’s notebook with a blackline master, glossary of terms, two-color overhead transparencies, and basic understandings. HUBBARD
Order Number: 2840 .......................................................... $139.95

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**HORTICULTURAL SCIENCE**

**Competency-Based Student Handbook and Planning Guide**

This handbook contains 700 competencies in 11 instructional areas plus space to write in competencies unique to a specific area. The areas covered are Basic Horticulture, Plant Material, Mechanical Skills, Fruit & Vegetable Production, Greenhouse Management, Nursery Practices, Turf, Parks, and Recreation, Landscape Design, Landscape Construction, Floral Design, and Business Management. HOBAR

**Handbook:** 54 pages, 2003, paperback
Order Number: 978........................................... $12.95 each, $10.36 (10 or more)

**Instructor’s Guide:**
Order Number: 978IG.......................................................... $2.75

**HORTICULTURAL COMPETENCY WORKSHEETS**

Teach twelve common horticultural competencies using these individualized worksheet masters. Worksheets may be duplicated for student use and include Part ID, Skills Taught, Procedures, Materials Needed, and Evaluation. HOBAR

- Planting And Germinating Seeds
- Propagating Herbaceous Plants
- Making A Home Propagator
- Air Layering Indoor Plants
- Planting Pot Mums
- Care And Growing Of Chrysanthemus
- Planting Shrubs
- Shield Budding
- How To Make A Bridge Graft
- Making A Whip Graft
- Making A Cleft Graft
- Pruning Trees

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Monocot and dicot plant germination is shown on this markable 3D model which measures 24" W x 18" H. Classroom activities support hands-on learning and basic understandings of similarities and differences in seed development. Two full-color overhead transparencies and a reproducible blackline master are included with teacher’s notebook. Background information, student activities, key and glossary also included in the set. HUBBARD SCIENTIFIC

Order Number: 2850.......................................................... $139.25

**THE PERENNIAL CARE MANUAL**

**A Plant-by-Plant Guide: What to Do & When to Do It**

This book offers 125 plant profiles, arranged alphabetically by genus. Each entry features gorgeous, instructive photography, as well as advice on preferred light and soil conditions and complete care and maintenance instructions. It also covers planning a stunning but easy-to-care-for garden, fertilizing, mulching, propagating, and much more. STOREY

376 pages, 2009, paperback
Order Number: SGW150-9.................................................. $24.95

**ALL NEW SQUARE FOOT GARDENING, 2E**

With the publication of All New Square Foot Gardening, Second Edition, the author furthers his discussion on one of the most popular gardening trends today: vertical gardening. He also explains how you can make gardening fun for kids by teaching them the square foot method. An expanded section on pest control helps you protect your precious produce. Rich with new full-color images and updated tips for selecting materials, this beautiful new edition is perfect for brand-new gardeners as well as the millions of square foot gardeners who are already dedicated. COOL SPRINGS

272 pages, 2013, paperback
Order Number: CPI2024...................................................... $24.99

**THE BONSAI WORKSHOP**

This book is intended to enable the bonsai student to firmly grasp the basics of bonsai culture. Once the horticulture of bonsai is understood, the mind is freed up to concentrate on the finer aspects of this unique hobby. It begins by defining ‘bonsai’ and explaining the history. Then it explains styles; pruning; potting; training; plant material; creating a bonsai; care and maintenance; and bonsai display. STERLING

208 pages, 1994, paperback
Order Number: STE0557-3 ................................................ $19.95

**THE COMPLETE COMPOST GARDENING GUIDE**

The compost and the plants live together from the beginning in a nourishing, organic environment. The authors’ bountiful, compost-rich gardens require less digging, weeding, mulching, and even less planting. And here’s one of the best parts — no more back-breaking slogs from compost bin to garden. The authors even identify the plants that benefit most from compost and how the elements of a composted garden work together. These methods are sure to help gardeners turn average vegetable plots into rich incubators of healthy produce, bursting with fresh flavor, and flower beds into rich tapestries of bountiful blooms all season long. STOREY

320 pages, 2008, paperback
Order Number: SGW702-3............................................... $19.95

**THE PERFECT PUMPKIN**

This Native American Favorite can be cooked, eaten, used as a container, fed to livestock, raised for profit, and cultivated for record-breaking competitions. Discover and enjoy the many facets of pumpkins: growing and harvesting techniques including the secrets to how to grow giant pumpkins; step-by-step craft and carving projects, from unique jack-o’-lanterns to soaps, creams, and decorations; mouth-watering recipes, including muffins and breads, pies and tortes, fudge, and even pumpkin beer; and tips on successful winter storage, including freezing, canning, and drying. STOREY

224 pages, 1997, paperback
Order Number: SGW993-9................................................ $14.95

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PLANT IDENTIFICATION SERIES

LANDSCAPE PLANT IDENTIFICATION—GROUND COVERS AND SHRUBS
Designed to provide viewers with extensive knowledge of the identification and care of ground covers and shrubs, this informative video includes close-up footage of 20 plants. Ground Covers and Shrubs included are Glossy Abelia, Bugleweed, Brazil Bougainvillea, Common Boxwood, Winged Euonymus, English Ivy, Chinese Holly, Japanese Holly, Yaupon, Dwarf Philzer Juniper, Creeping Juniper, Japanese Privet, Hall’s Japanese Honeysuckle, Heavenly Bamboo, Common Olean-der, Green Pittosporum, Firethorn, Indian Hawthorne, Asian Jasmine, and Chinese Wisteria. 21 minutes. CEV

DVD Order Number: CEV 574D ........................................... $65.00

LANDSCAPE PLANT IDENTIFICATION—TREES
Featuring video footage of 19 trees, this allows viewers to attain knowledge of tree care and identification. In-depth evaluation outlining identifying characteristics, propagation techniques, environmental enemies, plant culture, and utilization. The following trees are included: River Birch, Pecan, Redbud, Flowering Dogwood, Russian Olive, Green Ash, Thornless Honeylocust, Althea, Crape Myrtle, Sweet Gum, Bull-bay (Southern) Magnolia, Japanese Black Pine, American Plane Tree (Sycamore), Mesquite, Bradford Pear, Red Oak, Live Oak, Bald Cypress, and American Elm. 21 minutes. CEV

DVD Order Number: CEV 575D ........................................... $65.00

HORTICULTURE PLANT IDENTIFICATION—FLORAL
Close-up views and in-depth evaluation of 18 floral plants are included. Identifying characteristics, propagation techniques, environmental enemies, plant culture, and plant utilization for the following floral plants is discussed: Snapdragon, Wax Begonia, Common Camellia, Florists’ Chrysanthemum, Carnation, Gardenia, Transvaal Daisy, Gladiolus, Kalanchoe, Easter Lily, Phalaenopsis, Common Garden Geranium, Azalea, Hybrid Tea Rose, African Violet, Leatherleaf Fern, Gloxinia, and Calla Lily. 26 minutes. CEV

DVD Order Number: CEV 576D ........................................... $65.00

HORTICULTURE PLANT IDENTIFICATION—FOLIAGE
In-depth evaluation and close-up views of 22 foliage plants are included. It provides the scientific name, common name, identifying characteristics, propagation techniques, environmental enemies, specific culture and uses for the following foliage plants: Aglaonema, Sprengeri Fern, Asparagus Lace Fern, Parlor Palm, Spider Plant, Grape Ivy, Croton, Coleus, Jade Plant, Spotted Dumbcane, Corn Plant, Dracaena, Red Edge Dracaena, Devil’s Ivy, Benjamin Fig, Rubber Plant, Cutleaf Philodendron, Boston Fern, Heartleaf Philodendron, Swedish Ivy, San- severia, and Wandering Jew. 35 minutes. CEV

DVD Order Number: CEV 577D ........................................... $65.00

PRACTICE LANDSCAPE PLANT IDENTIFICATION
Thirty-nine different specimens of ground covers, shrubs, and trees are presented in two different identification classes for skill improvement. The leaves, fruit, and seed pods (if present) of each plant are presented in close-up view. An identification key is provided after each class. 33 minutes. CEV

DVD Order Number: CEV 578D ........................................... $49.00

PRACTICE HORTICULTURE PLANT IDENTIFICATION
Students will improve their floral and foliage identification skills with this informative video which includes 40 specimens of horticulture plants in four classes. A close-up view of each plant’s leaves, flowers, and stems are presented. An identification key follows each class. 33 minutes. CEV

DVD Order Number: CEV 579D ........................................... $49.00

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HORTICULTURE

Ball Redbook Volume 1
GREENHOUSES AND EQUIPMENT
Includes the latest information on greenhouse structures, glazing, benches, curtains, irrigation, climate control, mechanization, transport, pest control equipment, the headhouse, business management, and the retail greenhouse. BALL

320 pages, 2011, hardcover
Order Number: B056 ...................................................... $54.95

Ball Redbook Volume 2
CROP PRODUCTION
A complete guide to growing a range of crops, from annuals, perennials, herbs, tropicals, potted plants, and vegetable plugs. Focuses on the components that make for successful crops, for examples media, pH, nutrition, water quality and more. Also lists crops by genera, giving information about propagation, pest control, troubleshooting varieties and postharvest care. BALL

832 pages, 2011, hardcover
Order Number: B059 ...................................................... $69.50

BALL PERENNIAL MANUAL
Propagation and Production
Seed germination, divisions, cuttings, and other forms of perennial propagation are covered. Contains information on 149 genera and 300 species of plants. Features separate appendices on how to propagate various genera. Provides detailed cultural, descriptive, and varietal information, plus season of bloom, and common and scientific names. BALL

512 pages, 1996, hardcover
Order Number: B027 ...................................................... $48.95

PERENNIAL SOLUTIONS
A Grower’s Guide to Perennial Production
This book covers all aspects of producing over thirty popular perennial crops—propagation, fertility, media, pest and disease management, weed control, height control, and overwintering. A large section is also devoted to forcing perennials into bloom to maximize sell through at the retail level. BALL

546 pages, 2006, hardcover
Order Number: B475 ...................................................... $48.95

LANDMARK NURSERY
This field trip takes a look inside Landmark Nurseries, one of Texas’ largest wholesale growers and distributors. Here you will learn the history of the nursery, as well as information on plant propagation, irrigation, fertilization, plant production, varieties of plants, and more. Discover the beautiful world of plant production and see what goes on at Landmark Nurseries. 25 minutes, 2008. CEV

DVD Order Number: CEV171D ........................................... $89.00
CAREER OPPORTUNITIES: FLORAL DESIGN

There are numerous careers paths and opportunities in the floral industry. This presentation journeys through multiple levels of the industry from the grower to a retail floral shop and discusses other careers which depend on or support the floral industry. Detailed information on career opportunities, educational requirements, job duties and career potentials is included. 60 minutes. 2012. CEV

DVD Order Number: CEV 80188.................................$125.00

CORSAGE & BOUTONNIERE PREPARATION

This presentation is a beginner’s guide to creating corsages and boutonnieres. From the materials needed to create these designs to intricate multi-bloom corsages, this presentation covers it all. Simple single bloom corsages and boutonnieres are discussed step-by-step along with in-depth discussions of the materials and mechanics of each design. Collaborator: Jim Johnson AAF AIFD TMF. 41 minutes. 2012. CEV

DVD Order Number: CEV 80189.................................$150.00

CRITIQUING FLORAL ARRANGEMENTS

The capability to properly critique floral arrangements plays an important role in a floral designer’s ability to create and discuss arrangements. In this presentation, students will join Jim Johnson, Endowed Chair and Distinguished Lecturer of the Benz School of Floral Design at Texas A&M University, as he discusses the factors involved in critiquing floral designs. The importance of balance, proportion, foliage, mechanics and focal point are thoroughly discussed and applied as he critiques symmetrical triangle, asymmetrical triangle, round and vegetative designs. Collaborator: Jim Johnson AAF AIFD TMF. 22 minutes. 2012. CEV

DVD Order Number: CEV 80193.................................$150.00

FLORAL DESIGN BASICS: PRINCIPLES & ELEMENTS

Comprehending the elements and principles of floral design is vital in creating a quality arrangement. This presentation takes a closer look at the elements and principles of floral design. Jim Johnson, Endowed Chair and Distinguished Lecturer of the Benz School of Floral Design at Texas A&M University, breaks down each element and principle of design as well as the color schemes used in floral design. Detailed graphics aid in comprehension of each element and principle. This presentation analyzes the following elements and principles of design: line, form, space, texture, pattern, color, size, proportion, balance, focal point, rhythm, depth, transition, harmony and unity. Collaborator: Jim Johnson AAF AIFD TMF. 41 minutes. 2012. CEV

DVD Order Number: CEV 80202.................................$150.00

HOW TO JUDGE FLOWERS

Over the years, grades and standards for floriculture have evolved to provide consistent predictable products for the floriculture marketplace. This video demonstrates flower judging, staging, and gives reasons as a method for learning these industry standards. VEP

DVD Order Number: VEP178D.................................$50.00

FLORAL DESIGN BASICS: TECHNIQUES

Demonstrating the proper techniques used in floral design is very important when creating an arrangement. This presentation takes a closer look at the proper floral design techniques. Jim Johnson, Endowed Chair and Distinguished Lecturer of the Benz School of Floral Design at Texas A&M University, examines the different types of flowers, mechanics and wiring methods, as well as how to create an arrangement. On screen, step-by-step instructions provide students a detailed look at various wiring methods and the process of creating an arrangement. The wiring methods included in the presentation are: straight wire method, piercing method, cross-piercing method, braiding method, wrap-around extension method, stitching method, hairpin method and the feathering method. Collaborator: Jim Johnson AAF AIFD TMF. 56 minutes. 2012. CEV

DVD Order Number: CEV 80251.................................$150.00

FLOWER BUSINESS MANAGEMENT

Opening a floral business requires not only knowledge about flowers, foliage and design, but business understanding as well. This presentation takes a look inside the floral industry starting with the grower and finishing with the retail florist. Topics include selecting a location for a business, store layouts, pricing goods, organization of the cooler, supplies and tools necessary for floral businesses, customer service, sales, and growth. Collaborators: Kelly Marble TMF AIFD AAF, Owner, College Flowers; Susan B. Weatherford, Vice President, Southern Floral. 31 minutes. 2012. CEV

DVD Order Number: CEV 80203.................................$125.00

GEOMETRY IN FLORAL DESIGN

All floral arrangements are based on a particular shape. This production discusses how to make a symmetrical equilateral triangular arrangement, a circular mound arrangement and a crescent arrangement. Along with how to create these arrangements, the main characteristics of many more arrangements are explained. Collaborator: Kelly Marble, AIFD, AAF, TMF. 26 minutes. 2012. CEV

DVD Order Number: CEV 80206.................................$150.00

POST HARVEST CARE OF CUT FLOWERS

How are flowers processed and cared for before they get to the customer? Go behind the scenes at a wholesale floral company and a retail flower shop for an in-depth look at the care of flowers after they have been harvested. This presentation examines the process from the time the flowers are processed at the wholesale florist until they are placed in the cooler at the retail florist. The use of preservatives and disease prevention are also discussed. Collaborator: Kelly Marble AIFD AAF, Owner, College Flowers. 22 minutes. 2012. CEV

DVD Order Number: CEV 80224.................................$150.00

PRINCIPLES OF FLORAL DESIGN POWERPOINT

Throughout history, flowers have been used to enhance dwellings, for personal adornment, on special occasions, as symbols of love, friendship, sympathy, and religious significance. With this PowerPoint® presentation, students learn floral design styles of different historical periods. Students observe how early cultures and civilizations have influenced modern floral design styles. 20 slides. CEV

Order Number: CEV70046.................................$64.00
**FLORICULTURE, 3E**
*Designing and Merchandising*

This comprehensive text offers students an introduction to the floral design industry. Includes objectives, competencies, terms to know, a comprehensive glossary, student activities, a self-evaluation, and a rating scale to enable students to evaluate their own work. Step-by-step instructions complete with illustrations and material lists for dozens of projects that are built around low-cost materials to help instructors maintain their budgets are also included. DELMAR

- **Text**: 512 pages, 2011, hardcover
- **Instructor's Guide**: Order Number: 8935-6 ................. $209.95 each, $167.96 (10 or more)
- **Classmaster**: Includes the Lab Manual and Instructor's Guide as .pdf files with license to unlimited use of all lab material provided.
  - Order Number: 8934-9 ................. $209.95

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**Budding Opportunities**

***CAREERS IN FLORICULTURE***

Floriculture is a diverse and dynamic part of the agricultural industry and the growth of the floriculture industry is expected to continue. This growth translates into an employment base that welcomes bright, talented people with floriculture education and training. There's a wide variety of horticultural careers ranging from marketing and management to computer science, engineering, construction, and scientific research. 14 minutes, 1995. VEP

- **DVD**: Order Number: VEP123D ......................... $50.00

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**FLORAL STYLE**

*The Art of Arranging Flowers*

With lavish illustrations and informative text, this book offers a glorious selection of stylish floral ideas, reveals the tricks of successful floral design, and brings the designing magic to life in more than three hundred color photographs. It guides you through the plants in your garden, local florist shop, farmer's market, and mail-order catalogs, providing invaluable advice on conditioning each selection to maintain long-lasting beauty and freshness. It also includes an illustrated glossary of flowers and features information on the size, color, conditioning, vase-life, and gardening care of each entry. HUGH LAUTER LEVIN

- **Text**: 252 pages, 1996, hardcover
  - **SALE $29.95** $49.95

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**ORNAMENTAL HORTICULTURE**

*Science, Operations, & Management*

Ornamental Horticulture provides a balanced coverage of all the diverse elements integral to this exciting field. This book offers readers a realistic view of the required business skills and the opportunities to develop creativity. It will prepare readers to succeed in this growing industry. DELMAR

- **Text**: 544 pages, 2010, hardcover
  - **$228.95 each, $183.16 (10 or more)**
- **Instructor's Guide**: Order Number: 9815-0 .................. $16.95
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**HOUSEPLANT CARE TIPS POSTER**

This full-color, 18" x 24" poster features key care tips to help make your indoor gardening projects more successful and enjoyable. Topics include Light, Pruning, Watering, Repotting, Humidity, and Dusting. Developed as a joint project between FISKARS & HOBAR.

- **Laminated Version**: Order Number: HTP .................. $3.97

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- **AN INTRODUCTION TO LANDSCAPE DESIGN**
  - A short history of landscaping, careers, basic design concepts, common residential styles, site analysis, design program, drawing a plan, making a budget, and more. Applies to the entire design process to a home landscape. 31 minutes. 2003.
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- **LANDSCAPE PLANT SELECTION, SOIL PREPARATION, & PLANTING**
  - Creating a planting design, plant selection, color concepts, common planting design mistakes, soil preparation, and installing a landscape garden from start to finish. Includes a field trip to a commercial nursery. 36 minutes. 2003.
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- **LAWNS IN THE LANDSCAPE**
  - The history of laws, lawn designs, common types of turf grass, soil preparation, lawn installation with seed or sod, and maintenance. Includes a field trip to a commercial sod farm. 30 minutes. 2003.
  - **DVD**: Order Number: ACB5013 ............... $49.95

- **PERENNIALS IN THE LANDSCAPE**
  - Create a beautiful perennial garden with the help of this instructional program. This video will show you why perennials are so popular, how to use perennials in your landscape, basic design concepts, perennial plant selection criteria, how to do site analysis, how to draw a planting design plan and much more. 38 minutes. 2005.
  - **DVD**: Order Number: ACB5014 ............... $49.95

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This is a complete text for the modern commercial greenhouse grower, educator, and student. A complete reference on greenhouse systems and technologies, and the science of growing crops. The Commercial Greenhouse systemically starts the reader off by outlining the fundamentals; providing an overview of greenhouse structures, and the biology of growing plants under cover including light temperature, gases, soils, water, and nutrients. These essential chapters are followed by fifteen chapters that focus on specific guidelines and greenhouse procedures for successful greenhouse production, insect and disease control, and marketing. The clear and concise presentation of fundamental concepts makes this text a must for every greenhouse professional's shelf. DELMAR

Text: 830 pages, 2009, hardcover
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Instructor's Guide: Order Number: 3082-7 ........................................................................ $22.95
Lab Manual: Order Number: 3083-4 ............. $122.95 each, $98.36 (10 or more)
Lab Manual Instructor's Guide: Order Number: 3084-1 .............................................................. $23.95
Lab Manual CD-ROM: Gives the instructor the license to unlimited use of all of the lab material provided and the ability to provide copies to all of their students for one low price. Order Number: 3085-8 ........................................ $373.95

HOW TO BUILD YOUR OWN GREENHOUSE Designs and Plans to Meet Your Growing Needs

From the simplest cold frame to the most elaborate freestanding tropical paradise, there is a greenhouse plan in this collection to suit every gardener's needs. It guides you through all the style options, the practical considerations of choosing materials and a site, and every step of the building process, from foundation to glazing. A total on nine complete plans. STOREY

256 pages, 2006, paperback
Order Number: SGW647-X ........................................ $24.95

THE COMPLETE GUIDE TO GREENHOUSES AND GARDEN PROJECTS

One of the hottest consumer trends is the new importance on outdoor living, and nothing brings the outdoor home to life like a greenhouse and other accessories to help grow and nurture landscape greenery. This book has plans and step by step for constructing and appointing greenhouses of several varieties, from glass-walled to hoophouse; some from kits, some from scratch; also includes plans and steps for other garden structures and accessories. CREATIVE PUBLISHING

240 pages, 2011, paperback
Order Number: CPI5991 ........................................ $24.99

THE ESSENTIAL GARDEN DESIGN WORKBOOK, 2E

This workbook provides step-by-step information to make garden dreams into artistic reality. It walks readers through numerous design components such as site survey, scale and proportion, as well as ground, vertical and overhead plane considerations. Hundreds of explanatory drawings, quick-reference diagrams, and color photographs. TIMBER PRESS

304 pages, 2009, paperback
Order Number: TP975-1 .................. $34.95 each, $27.95 (10 or more)

50 HIGH-ImpACT, LOW-CARE GARDEn PLANTS

50 High-Impact, Low-Care Garden Plants is packed with useful tips, practical hints, and Tracy's own gardening experience. She has identified 50 show-stopping plants that anyone can grow. Each selection is a dynamic choice for nearly every garden. Even better? All 50 plants have passed Tracy's test for toughness, beauty, and durability. TIMBER PRESS

168 pages, 2008, paperback
Order Number: SGW950-8 ........................................ $16.95

UNDERSTANDING GARDEN DESIGN

This comprehensive, accessible book lays out the entire process from start to finish in clear, precise language that avoids the pitfalls of “design speak.” Among the many topics covered are how to document a site, how to determine what a client needs and wants from the garden, how to take architectural features into consideration, how to think about circulation and lay out paths, and more. Practical aspects are clearly laid out, including working with contractors and staying on top of the various phases of construction. TIMBER PRESS

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Order Number: SGW943-0 ........................................ $34.95

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Explore the major greenhouse styles used for commercial plant production. Then learn about facility orientation; the way the greenhouse is oriented to the sun depending on the latitude of the site, style of greenhouse, and environmental considerations. Learn all about the structural components of greenhouses, framing materials used, glazing materials, beds and benches, and much more. 25 minutes. VEP

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An excellent examination of a complex and growing industry. Readers will learn graphic skills along with critical landscaping skills, such as planting, lawn installation irrigation, and interior landscapes. It also offers information on the business side of the profession. Pricing, contractual agreements, technology use, and human resource issues are addressed in considerable detail. DELMAR

Text: 574 pages, 2011, hardcover
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• Mixing Soil With The Concrete Mixer
• Mixing Soil On A Bench
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• Removing Cuttings From A Propagation Bench
• Transplanting Rooted Cuttings Into Pots
• Placement Of Pots After Planting
• Lining Out Rooted Nursery Stock
• Transplanting Nursery Stock From Pots To Containers
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• Root-Pruning Trees

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This video teaches the importance of choosing the right tool for the job, and safety. The relationship of construction materials to the quality of landscape tools is discussed. Safety precautions are thoroughly examined, including proper clothing and back care. The value of tool care and storage is illustrated, and the viewer sees several commonly used tools in action, including the round and square point shovel, scoop shovel, rakes, forks, cultivators, hoe, picks, and mattocks. 25 minutes. VEP

DVD Order Number: VEP254D ....................................................................................... $85.00

SUBTROPICAL PLANTS
A Practical Gardening Guide
Subtropical and tropical-style gardens are highly popular and becoming increasingly so. This practical book is a guide not only to the range of attractive subtropics but also to selected tropical plants that can be grown in subtropical areas. It includes trees and shrubs, palms and cycads, climbers, orchids, bulbs and perennials, cacti and succulents, bromeliads and a selection of fruit. Descriptions and cultivation information is given for each species. The book is an important addition to the gardener's reference library. TIMBER PRESS

176 pages, 2002, paperback
Order Number: GOV397 ............................................................................................. $19.95

START A COMMUNITY FOOD GARDEN
The Essential Handbook
LaManda Joy, the founder of Chicago's Peterson Garden Project and a board member of the American Community Gardening Association, has worked in the community gardening trenches for years and brings her knowledge to the wider world in this hard-working guide. It covers every step of the process: fundraising, community organizing, site sourcing, garden design and planning, finding and managing volunteers, and managing the garden through all four seasons. A section dedicated to the basics of growing was designed to be used by community garden leaders as an educational tool for teaching new members how to successfully garden. TIMBER PRESS

224 pages, 2014, softcover
Order Number: TP484-0 ....................................................................................... $24.95
This guide includes information on tree management, woody land-usage and care, urban planting tips, and print option for all plant materials and hardscape material selections. Strategies for pricing the landscape, examples of landscape business models, and highlights of a successful landscape design/build company are covered. DELMAR

**LANDSCAPE DESIGN**  
Theory and Application

This text discusses design tools used by landscape design professionals and describes how to use these tools to graphically represent a landscape design concept. Students will learn the basic elements of art and how they are applied to aesthetic landscape design principles. The process of landscape design is discussed in detail, including: strategies for interacting with the client, selling a landscape concept, and creating a design from start (concept development) to finish (final plan). It provides detailed descriptions of plant material and hardscape material selections. Strategies for pricing the landscape, examples of landscape business models, and highlights of a successful landscape design/build company are covered. DELMAR

**Text:** 424 pages, 2008, hardcover  
Order Number: 1286-1 $175.95 each, $140.76 (10 or more)

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The DIY Guide to Planning, Planting, and Building a Better Yard

This comprehensive reference provides practical guidance for any homeowner who wants to create a more attractive yard. Written by landscaping experts, it provides time-tested, easy-to-follow instructions for designing and shaping an effective landscape plan. Whether renovating an existing landscape or completely starting from scratch, readers will learn to make the best use of the space that they currently have, while thinking ahead about how they might improve their grounds in the future. From growing lawns and planting trees, to putting in stone walkways or water elements, readers will discover the right way to do it in step-by-step diagrams. Fox Chapell  
280 pages, 2012, paperback  
Order Number: FC6998 $24.95

**PLANT USAGE**  
IN LANDSCAPE DESIGN

Explore the importance of plants in the planned landscape, and look into their functional value, aesthetic value, property value and environmental value. Learn about site analysis, maintenance plans, the function and utility of a site, aesthetics, space articulation and privacy, circulation, screening, views and vista controls, erosion control, soil building, habitat for wildlife and people, historic and cultural influences in landscape design. 32 minutes. San Luis  
DVD Order Number: SL3079 $119.00

**LANDSCAPE PLANTS AND TREES**  

This guide includes information on tree management, woody landscape plants, selected ornamental grasses, and herbaceous material management and details on over 1,000 species. Features include audio pronunciation, search options, USDA color-coded map, plants and trees of North America, urban planting tips, and print option for all plant photos and information. Delmar  
Windows CD-ROM:  
Order Number: 7338-4 $180.95

**TURFGRASS SCIENCE AND MANAGEMENT, 4E**  

This textbook expands upon the sports field industry, new developments in grass cultivars, soil drainage, fertilization, water, and pesticide. It also covers mowing, plant growth regulators, the golf course industry, and business management to strengthen the text. The full-color images reinforce text content, especially as it relate to plant identification. Delmar  

**Text:** 600 pages, 2008, hardcover  
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Order Number: 1332-3 $34.95

**Lab Manual:**  
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**Lab Manual Instructor’s Guide:**  
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**Lab Manual CD-ROM:**  
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**Classmaster CD-ROM:**  
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Get a current and comprehensive view of the profession known as aboriculture. This video has detailed section on current safety requirements, planting and staking ornamental trees, climbing, lift truck operation, pruning, and analyzing tree problems. The duckbill root-anchoring system is demonstrated as well as the use of ultrasound technology to check the trees interior condition. The program takes a look at the latest tree-care equipment and materials being used today. 41 minutes. San Luis  
DVD Order Number: SL2987 $155.00

**SELECTING, PLANTING, AND CARING FOR LANDSCAPE TREES**  

This video provides information on how to select trees from a nursery for any landscape environment, proper ways to plant trees, and how to care for newly planted landscape trees. Jack Kelly, and Greg Cormack, discuss and demonstrate techniques. 31 minutes. 2004. U of Arizona  
DVD Order Number: AZD224 $21.95

**BACKYARD SUGARIN', 3E**  

This book tells you how you can make maple syrup right in your own backyard without having to build a sap house or buy buckets, holding tanks, evaporators, and other expensive paraphernalia. This edition has more detailed “how-to” information in it, and it makes some new noteworthy revelations. Countrymen Press  
96 pages, 1991, paperback  
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TOLL - FREE: (800) 846-7027
PRUNING TIPS POSTER
This full-color, 18" x 24" poster features tips everyone should know before undertaking the task of pruning. Topics include Why should you prune?, When should you prune?, Choosing the right tools, Anvil vs. By-Pass, The proper cut, Pruning trees, Pruning shrubs, and Trimming hedges. Developed as a joint project between FISKARS & HOBAR.

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PRUNING MADE EASY
More than 300 step-by-step illustrations demonstrate the proper techniques for pruning many varieties of plants including trees, shrubs, bushes, and hedges, vines, and flowers. You will learn exactly when, how, and why various plants should be pruned, artistic pruning techniques used to make topiary, and how to prune safely. STOREY

218 pages, 1997, paperback
Order Number: SGW006-4.............. $19.95 each, $15.96 (10 or more)

ELEMENTS OF PRUNING
A knowledge of proper pruning procedures is a vital skill for gardeners. In this video, you will see when and why to prune, basic principles of plant growth, pruning tools, types of pruning cuts, and applications of pruning techniques to ornamental trees, hedges, roses, conifers, rhododendrons, and more. 26 minutes. VEP

DVD Order Number: VEP150D ........................................... $80.00

ADVANCED PRUNING
In the Elements of Pruning you learn the basics of the pruner's art. In Advanced Pruning you'll learn to apply this information. Subjects covered include the influence of the apical bud, how pruning cuts influence plant growth, two basic tree forms, pruning techniques at planting, and techniques used to establish young trees and rejuvenate old ones. Learn how to prune conifers, hedges, and deciduous fruit trees. 23 minutes. VEP

DVD Order Number: VEP151D ........................................... $80.00

BUDDING & GRAFTING
Propagation using budding and grafting methods allows us to create plants with special forms, control their sizes, and alter their root systems so they thrive in specific climates. Learn terminology, tools, and techniques used in budding and grafting. Also included are demonstrations of five methods commonly used by professional propagators and home gardeners. 24 minutes. VEP

DVD Order Number: VEP138D ........................................... $80.00

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A Professional Guide to Design, Installation, and Maintenance
Green roofs — the ultimate in sustainable building practices — continue to generate enormous interest and enthusiasm among architects, landscape designers, and urban planners. This book provides an overview of practices and techniques that have been effective in North America. The authors offer options regarding structure, function, horticulture, and logistics, as well as surveys of actual projects and analyses of why they have or haven't succeeded. Approachable and reader-friendly, the manual clearly explains how to plan and carry out projects successfully from concept through construction and maintenance. TIMBER PRESS

296 pages, 2010, hardcover
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This tape takes an in-depth look at the design process, the systematic procedure that helps ensure the design of functional and attractive landscapes. Your students learn the value of working in an orderly and logical manner as they follow the main steps in the design process: site analysis, development of the design program, the schematic proposal, plan development, and project installation. CEV

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SECTION III—LANDSCAPE DESIGN PRESENTATION TECHNIQUES
Exceptional landscapes begin with creative ideas and thoughtful designs, which must then be transferred into plans in order to communicate and sell. The process is called landscape design presentation, and is the subject of this unique video. Viewers will explore the scope of work and presentation techniques used by a garden designer, landscape contractor, and landscape architect. This important subject is seldom taught, but is essential to success in a landscape design career. CEV

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Landscape architect and author Howard Garrett shares secrets on how to achieve a professional landscape design, considering pre-design, conceptual design, and design development. Topics include budget, site analysis, layout, irrigation, grading, lighting, planting plans, dimensional drawings for construction details, and more. 52 minutes. CEV

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SHOPLING AND PLANTING
Howard Garrett takes you on a shopping trip through a nursery. He explains differences between good and bad plants, container sizes, soils and gives other tips including how to avoid wasting money. Viewers will learn proper planting procedures for trees, grass, shrubs, ground covers, vines, flower pots, and hanging baskets. 60 minutes. CEV

96 minutes, 6 sections, 5 printable resources, and 5 web resources.
DVD Order Number: CEV80230........................................... $78.00

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Fundamentals and Applications

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Text: 960 pages, 2014, hardcover
Order Number: 5895-5 .......................... $170.95 each, $136.76 (10 or more)

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296 pages, 2014, paperback
Order Number: SGW085-0 .......................... $24.95

ESSENTIAL GUIDE TO THE STEEL SQUARE
Facts, Short-cuts, and Problem-Solving Secrets

Ideal for solving virtually every geometric and layout problem, this guide to the steel square blends practical advice with skill-building exercises designed to help readers get the most out of this amazing tool. Professional advice covers a wide range of topics: including making measurements as fine as one-hundredth of an inch, finding the center of a circle, and building stairs. FOX CHAPEL

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This book provides simple instructions, cover every-thing from creating molds out of cardboard, wood, and metal to using hypertufa-a versatile type of concrete made with peat moss. There is also helpful guidance on adding the perfect finish and decorative details. With 43 projects that include outdoor pots, candleholders, garden benches, and a compost bin, this is the perfect introduction to a highly useful craft. STERLING

Order Number: STE9707-7 $17.95

MASONRY

The DIY Guide to Working with Concrete, Brick, Block, and Stone

This book shows how to design, build, and repair masonry like an expert, with the latest techniques and materials, step-by-step directions, safety advice, and hundreds of color illustrations. It is a must for anyone who wants to learn how to work successfully with concrete, brick, block, tile, or stone. Readers will learn the methods that professional masons use to construct walls, sidewalks, patios, barbeques and more. Basic techniques are described for working with mortar, making repairs to brick, mending concrete, attaching fastening, and removing stains. FOX CHAPEL

Order Number: TAU373-9 $21.95

WORKING WITH TILE

DIYers will welcome this completely revised and updated edition, which combines easy-to-follow installation techniques and the latest design ideas. Two all-new sections focus on grouting (which can make or break any job) and working with porcelain and glass tile (a daily challenge to tile and shower door installers and plumbers). Remodelers looking to master small-scale tile projects such as adding a backsplash or retiling a powder-room floor will refer often to the expert advice and over 370 updated photos. TAUNTON PRESS

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TILING COMPLETE

Written with the DIYer in mind, this all-encompassing manual takes a head-on approach to every home tiling situation--except those best left for the pros. Loaded with photos and laid out in an intuitive, accessible format, Tiling Complete makes it a snap for even the most hesitant of novices to get the job done right the first time. Also included are tips on maintenance and repair so that the finished product will shine for years to come. TAUNTON PRESS

Order Number: TAU812-2 $24.95

MODERN MASONRY, 7E

Simply and clearly written, this text provides students with a solid understanding of the safe and proper methods of laying brick, block, and stone. Also covered is concrete construction, including both formed construction and flatwork. This thoroughly illustrated full-color text provides students with a broad understanding of materials, their properties, and their applications. GOODHEART-WILLCOX

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CONCRETE & CONCRETE MASONRY

BUILDING CONSTRUCTION: BASIC MASONRY VIDEOACTIVE
An experienced agricultural education instructor teaches equipment identification, safety, and masonry techniques as he demonstrates how to build a brick wall and a block wall. He points out the consequences of poor workmanship and gives tips on how to create professional-looking masonry structures. End-of-section quizzes and a final quiz are provided on the video. A supplement is included.

CONCRETE: COMPOSITION AND MIXING
For the novice who wants to learn the basics, this video series on concrete will provide the needed information. Composition and Mixing (the first in a three-part series) provides viewers with a solid foundation for learning. Supplement included.

CONCRETE: CONSTRUCTING FORMS AND CONCRETE CURING
Forms are used to mold concrete and hold it in place until it has reached desired hardness and are an integral part of concrete construction. Join Dr. David E. Lawver as he offers his insight into procedures used at an actual construction site where huge forms are being used to construct concrete walls. Dr. Lawver demonstrates how to build a simple form for a concrete slab supporting a small storage building. Also discussed are concrete problems (including scaling and crazing) and how to avoid them through a process known as curing. Supplement included.

CONCRETE: TOOL IDENTIFICATION AND FINISHING
Producing a high quality concrete product requires the proper tools. This video takes an in-depth look at concrete finishing tools and how each is used. Dr. David E. Lawver expertly identifies and demonstrates several tools including edger, jointer, steel finishing trowel, wood float, magnesium float, mason trowel, power trowel, and bull float. Supplement included.

BUILDING CONSTRUCTION: CONCRETE & MASONRY

144 minutes, 4 sections, 4 printable resources, and 17 web resources.

DVD Order Number: CEV80795 .......................................................... $156.00

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A dry-stack stonewall is a project that almost anyone can build, and it will last well over a century if built correctly. Like most projects, knowing all of the steps involved is critical to ensure a safe and solid job. This book provides thorough, step-by-step procedures for three projects using stones of various sizes form the smallest all the way up to boulders, with a focus on a safe work environment. Learn a system for planning a project, and proceed through all the steps required to completion. A gallery of wall images will inspire you to start stacking. SCHIFFER

160 pages, 2008, paperback
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CREATIVE CONCRETE ORNAMENTS FOR THE GARDEN
This book offers a selection of 30 beautiful designs and features illustrated instructions to help make the fundamentals easy to learn. Beginners can work their way through the book progressively, building on their skills. Projects include a carved trough, sandcast bowl, elegant relief panel, and--for more skilled crafters--a decorative walkway, sculpture, and water feature. STERLING

176 pages, 2012, paperback
Order Number: CB2931 .......................................................... $19.95

STONE PRIMER
McRaven, a dedicated stonemason for more than 50 years, brings his practical experience and deep respect for the material to this essential guide for homeowners interested in adding stone to any setting, indoors or out. Here is everything readers will want to consider when beginning a do-it-yourself project, hiring a professional stonemason to carry out a difficult design, or simply planning and dreaming in stone. Know the properties of common types of stone. Choose, collect, and move the right stones for the project. Place them in perfect layers, make them fit with the proper tools, and learn the basics of drystacking and mortaring. Its all covered in detailed how-to chapters, embellished with anecdotes, historical tidbits, and profiles of noted masons.

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Text: 912 pages, over 1400 illustrations, 2005, hardcover
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255 pages, 2005, concealed spiral
Order Number: FW757-3 .......................................... $29.99

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Greg Kossow presents a vibrantly visual guide that details every possible project, from the most basic baseboards, to the most complicated casings. The book’s ingenious design makes it a snap to find the relevant information for each project and Kossow includes a crystal-clear table of contents. Plus, unlike most other books that only deal with basic carpentry, Trim Complete includes hard-to-find advice on complex crown molding and making custom molding. TAUNTON
256 pages, 2008, paperback
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Order Number: LN2113 ........................................ $19.95

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Drawings of the tree, leaf, flower, and fruit of most of the species are also included. Concise and informative, this is a great go-to (and “take it with you”) resource for anyone working with wood at home or out in the field.
288 pages, 2012, paperback
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Great Looking Furniture Anyone Can Build
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184 pages, 1980, paperback
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Text: 644 pages, 2006, over 1600 illustrations, hardcover
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262 pages, 2004, paperback
Order Number: SGW527-9..........................$24.95

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In Wild and Wacky Bird Houses and Feeders, you’ll find colorful and creative projects meant to bring out the fun in building birdhouses. Whether it’s the birdhouse cleverly designed to look like a security camera, or the player piano squirrel feeder that will turn your resident animals into musicians, readers are sure to find a project that will delight and amuse. Complete with detailed patterns for each house and feeder, this book ensures that woodworkers of all levels will be able to create a backyard masterpiece. FOX CHAPEL

152 pages, 2012, paperback
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With its almost 50 projects and many lovely interior photos, this home-improvement manual includes projects ranging from small, practical bookends to a large, spacious shed, and include bookcases, shutters, beds, shelves, a tray table, a music stand, garden furniture and much, much more. SCHIFFER

152 pages, hardcover, 2013
Order Number: VAP372..........................$29.99
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This text provides essential information about the tools, materials, equipment, and processes encountered in the electrical trade. This comprehensive textbook includes the latest information on installation and repair techniques, as well as recent developments in wiring systems, personal protection equipment, and computer wiring. References to the National Electrical Code® are made throughout this text to reinforce the importance of installing residential wiring in a safe and professional manner.

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Order Number: GW316-9 ......................................................... $132.00

Residential Wiring: Fundamentals provides dynamic visual instruction to improve understanding of the basics of electricity. Clear narration and informative videos help the viewer comprehend the terms, formulas, and circuit configurations. 17 minutes. 2010
Order Number: GW317-6 ......................................................... $132.00

Residential Wiring: Rough-In provides dynamic visual instruction to improve understanding of roughing-in the electrical wiring in a new structure. Throughout this video, experienced trades people layout and initially wire several new homes and buildings. 19 minutes. 2010
Order Number: GW318-3 ......................................................... $132.00

Residential Wiring: Finish Wiring provides dynamic visual instruction to improve understanding of the fundamental tasks that must be completed to finish a wiring job during new construction. Throughout this video, you will see basic methods for wiring switches and other devices back to the electrical panel and how to correctly assemble and mount light fixtures, ceiling fans, and other appliances. 19 minutes. 2010
Order Number: GW319-0 ......................................................... $132.00

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G-W RESIDENTIAL WIRING DVD SERIES

Text: 364 pages, 2015, hardcover
Order Number: GW842-9 ......................................................... $82.00 each, $65.60 (10 or more)

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Text: 90 pages, 1998, paperback
Order Number: 303P ......................................................... $15.95 each, $14.36 (10 or more)

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Order Number: 303W ......................................................... $8.95

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Text: 262 pages, 2008, spiral-bound
Order Number: 305 ......................................................... $39.95 each, $35.96 (10 or more)

Teacher Guide: 144 pages, 2008, paperback
Order Number: 305TG ......................................................... $21.95

Student Workbook: 144 pages, 2008, paperback
Order Number: 305SW ......................................................... $14.95 each, $13.46 (10 or more)

CD-ROM Test Bank: Includes printable and self-scoring tests in both ExamView and Microsoft Word formats. For Windows.
Order Number: 305CD ......................................................... $50.00

ELECTRICITY & ELECTRONICS

This text teaches basic theory and fundamentals and is a starting point for careers in electronics. It is clearly written and highly illustrated, making it easy for beginners to understand. The Practical Application and Project feature covers topics such as breadboarding, soldering, and reading voltage on an oscilloscope. GOODHEART-WILLCOX

Text: 448 pages, 2013, hardcover
Order Number: GW953-6 ......................................................... $82.00 each, $65.60 (10 or more)

Workbook: Provides additional questions and activities.
Order Number: GW956-7 ......................................................... $24.00 each, $19.20 (10 or more)

Instructor’s Resource CD-ROM: Instructional resources ready to print as you need them. Reproducible masters in PowerPoint format, related Web links, and lesson plans included.
Order Number: GW958-1 ......................................................... $248.00
BASIC ELECTRICITY & PRACTICAL WIRING
This manual contains more than 100 illustrations and covers circuits, measuring electric power and costs, switching, grounding for safety, wire and current protection, transmission and distribution of electricity, and the service entrance. Considerable emphasis on safety including the use of the GFCI. Written by a teacher educator with over 30 years of teaching experience in high school and college. Each unit includes classroom and laboratory exercises. Numerous demonstrations for the teacher are included. Practical wiring exercises and proper use of electrical tools for Hobar’s electrical panel, tools, and demonstration kit are covered. HOBAR

Student Manual: 96 pages, 2007, paperback
Order Number: 2377..............................$10.50 each, $8.40 (10 or more)

Instructor’s Manual: Provides demonstration ideas and procedures, and answers.
Order Number: 3177...............................................................$3.95

BASIC ELECTRICITY WORKSHEETS
This set of twenty individual worksheet masters was developed to be used with Hobar’s manual #2377, Basic Electricity & Practical Wiring. Each worksheet includes Part ID, Procedures, Materials Needed, Skills Taught, and Evaluation, and can be duplicated for student use. HOBAR

- Electrical Fuses—Types and Proper Use
- Types of Electrical Cable
- Connecting a Voltmeter
- Connecting an Ammeter
- Connecting a Wattmeter
- Reading the Kilowatt Hour Meter
- Computing an Electric Bill
- Making a Solderless Connection
- Wiring a Dead Front Plug
- Wiring a Grounded Duplex Receptacle
- Ground Fault Circuit Interrupter
- Making a Solder Connection
- Extension Cord Using Fused Grounded Receptacle
- Portable Extension Cord
- Electric Wiring Tools
- Wire Size and Amps
- Voltage Drop
- Series and Parallel Circuits
- Wiring a Lamp and Switch
- Wiring a Three Way Switch

Set of Twenty Basic Electricity Worksheets:
Order Number: 899...............................................................$18.90

RECEPTACLE CIRCUIT TESTER
This handy tester will quickly tell if a circuit is correctly wired. Plug into any 120 volt outlet and identify: polarity reversed, ground incomplete, wires disconnected, and numerous other faults in electrical circuits. An excellent tool for use when making an electrical safety inspection and for electrical instructional units.

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Teach basic wiring with this simple and easy to use electrical wiring panel. This 24” x 20” x 5” panel comes complete with all materials needed to teach the most up-to-date wiring skills and principles. Complete wiring diagrams for six basic exercises: a switch and lamp, three- and four-way switches, receptacles, switched receptacles, and split-wired receptacles are included with the panel. Many other exercises could be completed with the panel.

Wiring Practices Panel: Assembled
Order Number: EWP-1 .............................................................$148.00

Unassembled Panel Components: The same electrical components as above. You furnish lumber, screws, nails, glue, and labor.
Order Number: EWP-2 .............................................................$122.00

Electrical Tool Kit #ETK-76 has all tools necessary to complete wiring exercises.

ELECTRICAL TOOL KIT
This electrical tool kit is a must for completing basic electrical wiring practices. One set is recommended for each wiring panel in the electrical wiring unit. The set includes: an electrical tester, wire strippers, cable ripper, linemen’s pliers, diagonal pliers, making a solderless connection, computing an electric bill, reading the kilowatt hour meter, connecting a wattmeter, connecting an ammeter, connecting a voltmeter, types of electrical cable, electrical fuses—types and proper use, portable extension cord, long chain nose pliers, diagonal cutters, electrical testers, and instruments.

- Electrical Tester – 80-500 Volts-ACDC
  Order Number: 61-503 ..........................................................$5.75
- Wire Strippers – 10–18 gauge wire
  Order Number: 45-120 ..........................................................$18.95
- Cable Ripper – Cap. 5/8” cable
  Order Number: 45-118 ..........................................................$6.75
- Linemen’s Pliers – 7” cushion grip
  Order Number: LP-7 ..........................................................$29.95
- Diagonal Cutter – 6” cushion grip
  Order Number: DC-6 ..........................................................$22.00
- Long Chain Nose Pliers – 6” cutters & cushion grip
  Order Number: LCNP-6 ......................................................$26.50
- Screwdriver – 3” x 3/16” blade, plastic grip
  Order Number: ESD-3 ..........................................................$7.50
- Screwdriver – 4” x 5/16” blade, plastic grip
  Order Number: ESD-4 ..........................................................$9.50

ORDER THE KIT AND SAVE!
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TOLL - FREE: (800) 846-7027
**ELECTRICAL COMPONENTS:**

### PART I

Fixed resistors, variable resistors, ballast resistors, batteries, and various types of switches are explained in this program. Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components function. It is ideal for classes in electricity—electronics, technology, auto mechanics, and other technical areas. 20 minutes, 1995. MERIDIAN

**DVD Order Number:** ME25277-D $89.95

### PART II

Capacitors, fuses, fuse links, circuit breakers, flashers, coils, and other devices are discussed in this training tape. Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components are constructed and how they operate. 22 minutes, 1995. MERIDIAN

**DVD Order Number:** ME25276-D $89.95

### PART III

Transformers, relays, and motors are detailed in this training video. Computer animation, component cutaways, and lab experiments are used to demonstrate how these basic components are constructed and operate. An essential video training program for students of electricity—electronics, technology, auto mechanics, and other technical subject areas that involve electricity and electronics. 24 minutes, 1995. MERIDIAN

**DVD Order Number:** ME25278-D $89.95

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**TOOLS OF THE TRADE**

**Inside the Electrician’s Toolbox**

After a general introduction of electricity—electrons, current, kilowatts, and the journey of electrical power from utility company to home—this program examines the work materials and tools commonly used by an electrician. Wires, cables, conduits, boxes, receptacles, and switches are illustrated, and the tools required to cut and run cable or conduit, detect ad test voltage, and wire or connect fixtures are shown in action. Wiring diagrams and blueprints are also considered, and safety is stressed throughout. Correlates to all National CTE Organizational Standards (including the provisions of the Perkins Act). A viewable/printable instructor’s guide is available online. 26 minutes, 2008.

**SHOPWARE**

**DVD Order Number:** SW37520-D $99.95

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**HOUSE WIRING SIMPLIFIED, 13E**

House Wiring Simplified presents the fundamentals of modern house wiring, with clear text and easy-to-follow drawings. Based on the National Electrical Code®. Color-coded diagrams aid in understanding various types of circuits.

**GOODHEART-WILLCOX**

**Text:** 160 pages, 2015, hardcover

**Order Number:** GW862-7 $36.00 each, $28.80 (10 or more)

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**ELECTRICAL TOOL: SAFETY & WIRING**

**ELECTRICAL MATERIALS IDENTIFICATION I**

Proper electrical material identification, terminology, and usage is the focus of this video presentation. This tape includes over 15 different wiring conductors that are shown and described. Several methods of attaching wires together (utilizing wire nuts, solderless connectors, and split bolt connectors) are demonstrated. Also included is a discussion on the most commonly used type of conduit (EMT, rigid, PVC, flexible metal, and liquid-tight) and the variety of connectors and fittings used for each.

**ELECTRICAL MATERIALS IDENTIFICATION II**

This video provides further identification, terminology, and usage of many of the most common electrical materials used in the industry today. Featured in this tape are a variety of electrical boxes (steel and PVC) and switches and receptacles along with their appropriate cover plates, fuses, disconnect box, breaker panel box, meter can, weatherhead, ground rod and clamp, and several types of lighting fixtures.

**ELECTRICAL SAFETY**

Featuring basic electrical safety procedures, this video covers: proper grounding tools and equipment; purpose of over-current protective devices (fuses and circuit breakers); purpose and care of insulation on conductors (like outdoor-use electrical cords). A general explanation of electrical shock, factors that affect the severity of electrical shock, special electrical protective devices, common sense practices to employ to avoid electrical shock, and how to handle electric shock emergencies are also provided. Study Guide included. 33 minutes.

**RESIDENTIAL ELECTRICAL WIRING SKILLS**

Knowledge of the basic skills required for residential electrical wiring is essential before attempting any wiring procedure. By utilizing an electrical demonstration board, this video will provide students with the skills required for wiring three circuits commonly found in most residences—a duplex receptacle, a lighting fixture controlled by a dimmer switch, and a three-way lighting circuit. The correct procedure for wiring these circuits to a breaker panel box is also shown and all circuits are then tested for proper operation.

**ELECTRICAL TOOLS IDENTIFICATION**

The identification of the most common tools required to perform work in the field of electricity is the focus of this video. A wide variety of tools are identified and a brief discussion of the use of each tool is provided for the following: pliers, screwdrivers, drills and bits, saws, conduit tools, test instruments, and several other miscellaneous tools.

**250 minutes, 5 sections, 9 printable resources, and 8 web resources**

**Order Number:** CEV80858 $195.00

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**WIRING COMPLETE**

This volume is a comprehensive, authoritative, and easy to use reference for homeowners covering all home wiring situations from the most basic to advanced. The only projects not covered are those that should be left to professionals. This highly visual book focused on real world situations faced by homeowners and real world advice, including how to deal with the inevitable things that can go wrong. What is unique about this wiring guide is that it is easy to find the project and the information on how to tackle it. Intuitive finding devices and visual tables of contents make it easy to identify the material in the book relevant to the reader’s situation.

**256 pages, 2009, paperback**

**Order Number:** TAU256-5 $21.95
**BASICS OF ELECTRIC MOTORS**

Ideal for students, instructors, and all motor users in both shop and classroom, this text explains basic motor principles; identifies motor types; outlines replacement processes; and suggests maintenance and troubleshooting steps. Fully illustrated and containing concise data tables, Basics of Electric Motors is a valuable resource for developing electric motor skills. AAVIM

Text: 88 pages, 2002, softcover
Order Number: 301 ................. $19.95 each, $15.96 (10 or more)

Student Workbook:
Order Number: 301W .................. $8.45 each, $6.76 (10 or more)

Instructor's Guide:
Order Number: 301TK ...................... $9.95

**ELECTRIC MOTORS WORKSHEETS**

A set of twenty individual worksheets masters designed to be used with Hobar manual Electric Motors. Worksheets include Part ID, Procedures, Skills Taught, Materials, and Evaluation. These masters can be duplicated for student use.

HOBAR

- Features of an Electric Motor
- Electric Motor Mountings
- The Electric Motor Nameplate
- Connecting a Voltmeter—Electric Motors
- Connecting an Ammeter—Electric Motors
- Connecting a Wattmeter—Electric Motors
- Using the Clamp On Meter
- Reading the Kilowatt Hour Meter
- The Split Phase Motor
- The Universal Motor
- Reversing an Electric Motor
- Electrical Fuses—Types and Uses
- Wire Size and Ampacity
- Ground Fault Circuit Interrupter
- Voltage Drop in Electric Motors
- Overload Protection of Electric Motors
- Electric Motor Speed Determination
- Characteristics of Electric Motors
- Electric Motor Drives
- Cleaning and Servicing an Electric Motor

Set of Twenty Electric Motor Worksheets:
Order Number: 758 ........................................... $18.90

**ELECTRICAL & BASIC CONTROLS**

This popular manual consists of 5 basic lessons including Switches & Circuits, Relay Devices, Motor Control Devices, and Automatic Sensing Devices. Each lesson is set up in lesson plan form with objectives, teaching aids, and procedures. Subject matter covers all types of electric controls such as common switches, thermostats, humidistats, relays, photo controls, and magnetic starters. Written in easy-to-understand terms, it has numerous illustrations for full learning. HOBAR

Text: 56 pages, 1977, paperback
Order Number: 2177 ................................. $6.92 (10 or more)

**ELECTRICAL AND BASIC CONTROLS TRANSPARENCY MASTERS**

An excellent teaching aid designed to supplement instruction from manual Electrical And Basic Controls. Covered in this series are basic switches and controls and how to connect for various applications. These 15 Transparency Masters will greatly add to any electrical and basic control unit. HOBAR

Set of Fifteen Transparency Masters
Order Number: 2277 ................................. $4.25

**ELECTRICAL AND BASIC CONTROL WORKSHEETS**

This set of thirteen worksheet masters can be duplicated for student learning of this important topic. Use with Hobar’s Electrical & Basic Control manual, and Electric Control Transparency Masters. Each worksheet master includes Part ID, Procedures, Skills Taught, Materials and Evaluation. HOBAR

- Three Way Switch Wiring Circuit
- Three and Four Way Switch Wiring Circuit
- N/O and N/C Limit Switch Circuit
- N/O SPDT Magnetic Relay Circuit
- SPDT Magnetic Relay Circuit
- Push Button Magnetic Starter Switch Circuit
- Time Delay Relay Circuit
- Photoelectric Control Switch Circuit
- Thermostat Circuit
- Humidistat Circuit
- Repeat Timer Switch Circuit
- 24 Hour Time Switch Circuit
- Fused Grounded Receptacle Extension Cord

Set of Thirteen Electrical Control Worksheets:
Order Number: 863 ........................................... $12.30

**COMPREHENSIVE SOLAR ELECTRICITY KIT**

This redesigned kit now includes: a full function digital multi-meter, 2 large solar cells, LED lamp, buzzer, DC motor, propeller, patch cords, and a new comprehensive lesson plan with 8 unique lab exercises to expand the student’s knowledge of the measurement and application of solar power. HUBBARD SCIENTIFIC

Order Number: 4740 ........................................... $228.00

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**BASIC SOLAR KIT**

This simple kit will help to demonstrate the conversion of solar energy to electric power. Kit includes a 400mA solar cell, leads, motor, propeller, and instructions. HUBBARD SCIENTIFIC

Order Number: 4741 ........................................... $25.00

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TOLL - FREE: (800) 846-7027
MICROMETERS, CALIPERS AND GAGES
This manual contains illustrations of the different measuring instruments, an explanation of their construction, and how to use the instruments for specific applications. The tools explained are micrometers, vernier calipers, thickness gages, and wire gages. Classroom exercises and laboratory worksheets are included for instructional and evaluation purposes. HOBAR

28 pages, 1969, paperback
Order Number: 169.................................$5.20 each, $4.16 (10 or more)

TORQUE AND TORQUE WRENCHES
A manual for use in teaching the torque wrench. Emphasis is given to what is torque and how it applies to work, units of torque, torque conversion tables, types of torque wrenches, and how to use the torque wrench. The manual includes a classroom exercise and a one-page laboratory worksheet on using torque wrenches. HOBAR

24 pages, 1971, paperback
Order Number: 171.................................$5.20 each, $4.16 (10 or more)

MEASURING AND TORQUE WORKSHEETS
Each worksheet master includes: Part ID, Skills Taught, Measuring Exercises, Operational Procedure, Materials Needed, and an Evaluation Score Sheet. Sold as a set of seven worksheet masters. HOBAR

• Reading the Micrometer
• Using the Vernier Caliper
• Using Feeler Gages
• Using Plastigage
• Using the Torque Wrench
• Using the Torque Wrench
• Reading the Metric Micrometer

Set of Seven Measuring Worksheets:
Order Number: 310.................................................................$6.65

MEASURING, MARKING, AND LAYOUT
A Builder’s Guide
You don’t have to invest a fortune in space-age gadgetry to make accurate measurements, and you don’t need advanced training in math to build complex houses. Author John Carroll provides dozens of beautifully simple techniques for highly accurate measuring, marking, and layout using a number of basic tools. Good habits of measuring and marking not only ensure high quality but also save materials and money and increase productivity. Measuring, Marking & Layout shows how to do the job right the first time.

224 pages, 1999, paperback
Order Number: TAU335-5 ..................................................$24.95

READING A RULER
The ability to take measurements quickly and accurately is a skill that is beneficial to students and professionals in a wide variety of areas. This manual explains the English and metric systems of measurement and their conversions. Classroom exercises and lab activities help students understand how to read a ruler and apply this skill in everyday activities. HOBAR

Text: 24 pages, 2002, paperback
Order Number: 101.........................................................$5.95 each, $4.76 (10 or more)
Teacher’s Key:
Order Number: 101TK..........................................................$2.85

POWERLOCK® TAPE RULE
Powerlock Rules feature positive blade lock with no creeping. Easy to read blade protected with Mylar to reduce friction. Graduated in 16ths on both edges of one side. Stud markings every 16”.

25 Foot – 1” wide blade
Order Number: S33-425.........................................................$27.00

ESSENTIAL GUIDE TO THE STEEL SQUARE
Facts, Short-cuts, and Problem-Solving Secrets
Ideal for solving virtually every geometric and layout problem, this guide to the steel square blends practical advice with skill-building exercises designed to help readers get the most out of this amazing tool. Professional advice covers a wide range of topics: including making measurements as fine as one-hundredth of an inch, finding the center of a circle, and building stairs. FOX CHAPEL

192 pages, 2007, paperback
Order Number: IND3426......................................................$19.95

PLANNING PROJECT CONSTRUCTION
This manual was written to aid in planning shop projects. It covers the topics of Plans; Project Illustration; Reading Sketches, Drawings and Diagrams; Lettering; Drawing to Scale; Drawing Equipment; Construction, Electrical, Plumbing and Welding Symbols; Construction Planning; Bill of Material; Lumber and Panel Sizes and Shapes; and Structural Steel Products. Classroom and student exercises are included. HOBAR

52 pages, 1974, paperback
Order Number: 174.........................................................$5.25 each, $4.20 (10 or more)
### MICROMETERS

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<th>Size</th>
<th>Order Number</th>
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<tr>
<td>0-1 Inch</td>
<td>MC-1</td>
<td>$22.50</td>
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<tr>
<td>1-2 Inch - 1&quot; standard included</td>
<td>MC-2</td>
<td>$24.80</td>
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### CALIPERS

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<tr>
<td>Dial Caliper</td>
<td>6&quot; capacity; 0.001&quot; graduations. 5-way measuring: inside, outside, depth, step, and height readings.</td>
<td>GEN145</td>
<td>$46.55</td>
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<tr>
<td>Fractional Scale Vernier Caliper</td>
<td>5&quot; capacity, economical steel</td>
<td>GEN721</td>
<td>$14.35</td>
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<tr>
<td>Digital Caliper</td>
<td>6&quot; capacity, accuracy to .001&quot;</td>
<td>GEN1436</td>
<td>$14.85</td>
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<tr>
<td>Vernier Caliper</td>
<td>inch and mm</td>
<td>GENMG6001</td>
<td>$57.50</td>
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### TELESCOPING GAGES

For measuring inside diameters or widths of holes and slots from which accurate micrometer measurements are taken. Hardened and precision ground. In sets, packed in vinyl case.

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<th>Size</th>
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<tr>
<td>Six Gage Set</td>
<td>GENS-98-6</td>
<td>$148.95</td>
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### SMALL HOLE GAGES

These gages consist of a hardened split full round contact with a flat bottom. This permits measurements of small holes, slots, grooves, and recesses. They are adjusted to size by a knurled knob at the end of a handle. Final size is obtained by use of a micrometer over the contacts. Furnished in case. Range inch.

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<th>Size</th>
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<td>Four Gage Set</td>
<td>ST-04-0012-00</td>
<td>$78.00</td>
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### PLUNGER DIAL INDICATOR

Full 1" travel, accuracy to .001".

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<td>GEN109</td>
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### FLAT FEELER GAGE

32 straight blades ranging in size, .0015- .035" including .010" brass blade.

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<th>Order Number</th>
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<td>FG-35</td>
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### "CLICKER" TORQUE WRENCHES

The operator will hear a “click” and feel the breakover when the pre-set torque is reached. The micrometer adjusting handle lets the operator pre-set the required torque valve and the patented locking mechanism holds it. This torque wrench incorporating the famous S-K reversible ratchet is the lightest, slimmest, easiest-to-use tool of its kind.

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<td>3/8&quot; Drive</td>
<td>10–100 ft. lbs. torque capacity, 1/2 ft.lb. steps of graduation, overall length 18&quot;.</td>
<td>SK-74104</td>
<td>$187.50</td>
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<tr>
<td>1/2&quot; Drive</td>
<td>10–150 ft. lbs. torque capacity, 1 ft.lb. steps of graduation, overall length 21&quot;.</td>
<td>SK-74151</td>
<td>$192.50</td>
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### VALUE 3/8" DRIVE TORQUE WRENCH

Dual scale reads 0-800lbs./in. and 0-90 Newton meters.

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<td>S86-383B</td>
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### WIRE AND SHEET METAL GAGE

Heavy gage hardened and tempered tool steel. With gage sizes and decimal equivalents. 3-1/4" diameter; 1/8 " thick. American Standard Wire Gage for gaging non-ferrous wire and metal such as copper, brass, aluminum, etc. U.S. Standard Sheet Metal Gage for gaging uncoated sheet, plate iron, and steel.

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<td>GEN21</td>
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### RAFTER SQUARE

Body 24" x 2", Tongue 16" x 1–1/2", rafter tables, brace scale, board measure and octagon scale. Blued, lacquered finish.

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<th>Order Number</th>
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<td>S45-119</td>
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### COMBINATION SQUARE

12" grooved blade, 4–1/8" handle.

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<th>Order Number</th>
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<td>S46-028</td>
<td>$15.70</td>
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METALS AND WELDING

This ASAE Blue Ribbon Award winning Hobar manual is FIVE manuals in one. It contains units on Measuring Instruments, Project Planning, Metals, Oxy-Acetylene Welding and Cutting, and Arc Welding, including over 250 illustrations and pictures. Some topic areas include Metal Working Hand Tools, Soldering, Plasma Arc Cutting, Welding Plastics, and Industrial Welding Processes. Another unit is Construction Projects in Welding—a set of 23 popular metals and welding projects with bill of materials and construction details. In addition, two features making Metals and Welding a great instructional tool for students and teachers are the Classroom Exercises and Laboratory Exercises for each unit. HOBAR

Order Number: 170................................. $23.50 each, $18.80 (10 or more)
Answer Key: Provides answers to all classroom exercises.
Order Number: 170TK......................................................... $2.75

NEW METALS AND WELDING WORKSHEETS

These worksheet masters have been developed to go with the Metals and Welding text #170. Each worksheet master includes Plan or Drawing, Procedures, Skills Taught, Materials Needed, and an Evaluation Score Sheet. Worksheet masters are sold as a set of ten. HOBAR

Set of Ten Welding Worksheets:
Order Number: 511......................................................... $9.45

OXY-ACETYLENE WELDING TRANSPARENCY MASTERS

These transparency masters on oxy-acetylene welding and cutting techniques may be used to prepare overhead transparencies or as line drawings are used to enhance understanding. Extensive photos and illustrations for small group instruction. The topics covered include cutting, fusion and braze welding, hard facing, wrinkle bending, and soldering. In addition general information on regulators, flame adjustment, and safety is included. An excellent supplement to Hobar's Metals and Welding Manual #170. Set of 55. HOBAR

Set of Fifty-five Transparency Masters
Order Number: 680TM .................................................. $10.55

OXYFUEL GAS WELDING, 7E

This write-in text introduces students to the fundamentals of gas welding processes in a simple, easy-to-understand manner. Extensive photos and line drawings are used to enhance understanding. Topics include safety, gases, metal identification, torches, welding symbols, backhand and forehand methods, welding joints, and more. GOODHEART-WILLCOX

Order Number: GW574-3 ............... $53.28 each, $42.62 (10 or more)
Instructor's Guide CD-ROM:
Order Number: GW575-0 .................................................. $248.00

WELDING AND METAL FABRICATION

This groundbreaking new book connects each welding technique to a useful and creative take-home project, making exercises both practical and personal--and avoiding the tedium of traditional, repetitive welding practices. To further enhance the learning process, every welding project includes a set of prints with specifications, like those used in production fabrication shops. This full-featured approach to skill-building reflects the reality of professional welding, where following prints and instructions precisely and laying out, cutting out, and assembling weldment accurately are just as essential as high-quality welding. The included projects are small to conserve materials during the learning process, but detailed instructions and abundant photos and illustrations guide you through a wide range of fabrication skills. DELMAR

Text: 848 pages, 2012, hardcover
Order Number: 1374-5 ....................... $105.95 each, $84.76 (10 or more)
Workbook:
Order Number: 1375-2 ...................... $36.95 each, $29.56 (10 or more)
Instructor CD-ROM:
Order Number: 1377-6 ........................................ $284.95

READY, SET, WELD!

Beginners-Friendly Projects for the Home and Garden

With simple techniques targeted to a wide and general audience, this guide eliminates the intimidation from an all-too-often technical craft. With purchased steel rod and bar or found metal parts from a salvage yard, plus basic, easy-to-use tools, shows how to construct 25 whimsically attractive items. From a garden chair fashioned from an old tractor seat and odd parts to a stunning tri-fold screen and a delicate, filigreed plant stand. STERLING

128 pages, 2009, paperback
Order Number: STE9262-1 .................................................. $21.95

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With drawings, photographs and charts this book describes the forging processes of heating, upsetting, drawing out, forge welding, metallurgy and tool making. It explains the process of design, the use of a computer in metal design, how to set up a business and manage it. Providing an inspiration for all artist-blacksmiths are portfolios of the wrought iron work of Martin Rose and Samuel Yellin, two of America’s premier metalworkers of the past. To further inspire, six contemporary metalworkers show a series of demonstration pieces of their iron work. SKIPJACK PRESS
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Features an in-depth examination of safety, pre-operational inspection of equipment, and proper clothing. Provides step-by-step procedure for the setup and adjustment of an AC/DC, a rectifier AC, and a standard AC welder. A Panasonic chip camera equipped with a welder’s lens filter provides close-up footage of nine welds (including: stringers, butt-weld, lap-weld, T-weld, and multi-pass fillet, as well as five others) performed in a flat position. A veteran welding instructor discusses several types of electrodes and corresponding uses as well as providing on-location audio instructions for each weld followed by an evaluation.

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Features on-location footage of the performance of nine welds including stringer, lap, butt, and T-weld, among others performed in horizontal, vertical, and overhead positions. Each weld is accompanied by expert narration followed by discussion.

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Features two methods of testing welds (guided bend and nickbreak). Includes preparation of metal for test samples, performing welds, and preparation of specimens for testing. Tests are made and evaluated. Includes a summary of essentials for successful welding including metal identification.

99 minutes, 6 sections, 3 printable resources, and 5 web resources

DVD Order Number: CEV80810 .................................................. $117.00

INTRODUCTION TO WELDING
Perfect for introducing students to the world of welding, this exciting video-guide to welding basics is loaded with information. An experienced welding instructor offers insight and instruction on the following: basic safety and operation techniques; oxy-acetylene and metal arc welding; equipment; electrodes; and metal identification. Collaborator: Dr. Billy Harrell, Professor and Chair of the Division of Agricultural Sciences and Vocational Education, Sam Houston State University. 28 minutes. CEV

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GAS TUNGSTEN ARC WELDING
The step-by-step procedures necessary for safety and setup of the Gas Tungsten Arc (GTA) welder are discussed. Proper safety, clothing, and equipment are identified. Demonstrations of current, amperage, and gas flow adjustments are provided, and seven welds in the flat and vertical positions are shown. Weld demonstrations include maintaining a puddle, stringer beads, T-weld, butt weld, outside corner, and multi-pass fillet. Each weld is accompanied by expert narration and is followed by a discussion. Safety is emphasized throughout. 47 minutes. 1991. CEV

DVD Order Number: CEV813D .................................................. $115.00

GAS METAL ARC WELDING
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DVD Order Number: CEV812D .................................................. $115.00

LINCOLN ELECTRIC: FIELD TRIP
The Lincoln Electric Company, a leader in the welding industry, is committed to providing quality welding equipment. This presentation gives a tour of the Lincoln Electric plant located in Cleveland, Ohio. It discusses the different parts of the welder and how it works by following the process of assembling the Precision TIG 225 and the Power MIG 350MP. The field trip walks through the history of the company, welding school and advancements in technology. Collaborators: Carl Peters, Director of Technical Training; Bud Fletcher, Customer Service Specialist; Rose Kirk, Domestic Logistics Manager; and Dennis Klingman, Technical Training Manager. 39 minutes. 2008. CEV

DVD Order Number: CEV172D .................................................. $99.00

METALWORKING SAFETY
Metalworking is a broad field of study that encompasses several large industries. This informative video demonstrates the kind of precautions that should be taken when working with metals. Sheet metal work, soldering, foundry work, and forging are covered, along with handling steel beams at a construction site (the Shedd Aquarium, in Chicago). Footage of fatal accidents reinforces the importance of safety. This video should be viewed by anyone studying technology or any metalworking trade.

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Text: 198 pages, 1999, paperback
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Text: 625 pages, 2016, hardcover
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Written by long-time mechanic and bestselling author Paul Dempsey, this book shows you how to fix the engines that power garden equipment, construction tools, portable pumps, mopeds, generators, trolling motors, and more. Detailed drawings, schematics, and photographs along with step-by-step instructions make it easy to get the job done quickly. Subjects covered include: Troubleshoot the engine to determine the source of the problem; Repair magneto and solid-state systems--both analog and digital ignition modules; Adjust and repair float-type, diaphragm, and variable venturi carburetors; Fabricate a crankcase pressure tester; Fix rewind starters of all types; Overhaul engines—replace crankshaft seals, main bearings, pistons, and rings; and Work with centrifugal clutches, V-belts, chains, and torque converters. MCGRAW-HILL

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This text provides practical information about the construction and operation of small two- and four-cycle gasoline engines. Detailed information about specific maintenance, lubrication, troubleshooting, service, rebuilding, and repair is presented. The text is written in clear, non-technical language and includes information that is invaluable to anyone interested in servicing small gas engines. Features: Logical procedures for troubleshooting and repairing major systems; Information on small gas engine applications, career opportunities, and Outdoor Power Equipment and Engine Service Association (OPEESA) Technician Certification Exams; and Updated information on small engine emission control systems. GOODHEART-WILLCOX

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With step-by-step color photographs throughout, 12 of the most common household chainsaw operations—such as cutting firewood, taking down small trees, trimming branches, grooming hedges, and making lumber—are tackled with expert advice. With an additional section devoted to chainsaw types, potential buyers can also assess which size and type of chainsaw best meets their needs. Also included is an appendix that has useful technical information and identifies the parts of a chainsaw and how each functions. FOX CHAPEL

208 pages, 2009, paperback
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This manual contains small engine technology including CDI solid-state ignition, automatic chokes, no choke carburetors, and fuel pump carburetor systems. Classroom and Laboratory Exercises have been completely revised and expanded. Special emphasis related to small engine overhaul and repair has been designed into all laboratory exercises to make your small engine instructional unit more complete. Procedures for ordering small engine parts for repair have been covered throughout the total manual. The Appendix contains Safety Exam, Parts Order Form, English/Metric Equivalent Charts, Engine-Matics & Hydra-Matics Formulas and Engine Overhaul Worksheets. HOBAR

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- Two Stroke Engines • Magneto Coil Testing
- The RPM Tachometer • Servicing the Spark Plug
- Compression Testing • Servicing the Air Cleaner
- Valve Timing • Condenser Testing
- Service and Adjusting Valves • Small Engine Governors
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SMALL GAS ENGINE: CLEANUP

This video provides the proper techniques for honing the cylinder, repairing valve guides, seating valves, replacing the oil seal, and washing the engine upon completion of all repairs. Supplement included. 1997. CEV

SMALL GAS ENGINE: REPAIR

This video explains the importance of lubricating major components during reassembly. Supplement included. 1997. CEV

SMALL GAS ENGINE ASSEMBLY

SMALL GAS ENGINE ASSEMBLY I

Safety practices and proper techniques for reassembly of a 5 horsepower, Briggs and Stratton Model 124702 engine are included on this video. It begins with the procedure for removing all gasket residue and continues with the installation of the crankshaft, checking ring gap, assembly and installation of the piston and rings, and installation of the tappets, camshaft, oil slinger, governor, and sump. It emphasizes the importance of lubricating major components during reassembly. Supplement included. 1997. CEV

SMALL GAS ENGINE ASSEMBLY II

Installation of the valves, checking valve-to-tappet clearance, and installation of the armature follow in part two of small gas engine assembly. Replacing the flywheel, setting the armature air gap, and installing the cylinder head are covered Supplement included. 1997. CEV

SMALL GAS ENGINE ASSEMBLY III

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(1) #103 Cutter 1-1/16" diam, 46° and 31° angles
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(1) #124 Cutter 1-15/16" diam, 60° and 15° angles

Nine pilots:
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100-1/4" +1 100-6.0mm
100-9/32" 100-6.02mm
100-5/16 100-6.05mm
100-5/16'+1

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Six pilots:
100-1/4"  100-8.0mm
100-1/4" +1
100-9/32"
100-5/16
100-5/16'+1

Case, T-Wrench, Accessories Kit, Operating Instructions
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BASIC TOOL KIT
This basic tool kit has everything for basic disassembly, adjustment, and assembly of small engines.
Kit contains an 11 piece 3/8” drive, 6-point socket set; 3 piece 3/8” drive 6-point spark plug socket set; 7 piece double open-end wrench set; 6 5/16” long nose pliers; 4” and 6” standard screwdrivers; #2 Philips screwdriver; 1/4” and 7/16” nut drivers; round and flat feeler gage set; and a spark plug tester. These tools come complete in a 6” x 6-1/2’ x 19” steel box with a handy tray.
Order Number: TK-73 ..................$192.50
Piston Ringer – up to 4” rings
Order Number: L-33500 ..........$6.95

Piston Ring Expander – Cap. 2” to 4”
Order Number: Z-201 ..............$15.50

Piston Groove Cleaner – up to 5-1/2”
Order Number: Z-221 ..............$9.95

Piston Ring Compressor – Cap. 2-1/8” to 5”
Order Number: Z-218 ..............$7.50

Small Engine “C” Clamp Lifter
For all air or water cooled 4-cycle engines with 3/4” to 1-1/16” spring diameters. Includes large and small jaws for 3/4” to 1 1/16” springs.
Order Number: L-23300 ............$22.50

Small Gear and Terminal Puller
up to 1-1/2”
Order Number: Z-604 ..............$9.95

Small Gear and Terminal Puller – up to 3”
Order Number: Z-606 ..............$12.25

Gear and Wheel Puller
Reversible jaws, up to 6”, reach 3-1/4”
Order Number: Z-630 ..............$45.95

Gear and Wheel Puller
Reversible jaws, up to 6”, reach 3-1/4”
Order Number: Z-630 ..............$45.95

Mower Blade Balancer
This fast, easy-to-use device stops blade vibration and adds life to your mower.
Order Number: MBB-1 .............$5.95

Calibrated Ignition Tester
Checks for spark without removing spark plugs from engine.
Order number: KD2756 .............$12.95

Value 3/8” Drive Torque Wrench
Dual scale reads 0-800lbs./in. and 0-90 Newton meters.
Order Number: S86-383B ..........$48.00

Cylinder Surface Hone – 2”–7”
Order Number: L-23500 .............$28.95

Dual Cup Valve Grinder
Order Number: CVG-1 .............$6.95

Gasket Scraper
Order Number: GS-1 ..............$9.00

Thin Straight Nose Pliers – 6”, cushion grip
Order Number: TNP-1 .............$18.00

Diagonal Cutter – 6”, cushion grip
Order Number: DC-6 .............$22.00

Long Nose Pliers – 6”, cushion grip
Order Number: LNP-1 .............$23.00

Grooved Joint Pliers – 10”, cushion grip
Order Number: GJP-10 ..........$19.50

Flat Feeler Gage – 32 straight blades ranging in size, .0015–.035” including .010” brassblade.
Order Number: FG-35 ............$9.95

Spark Plug Gage – 6 wires, .030–.040”
Order Number: FG-6 .............$3.25

Spark Plug Gage – 8 wires, .015–.040”
Order Number: FG-5 .............$6.75

Spark Plug Gap and Teeler Gauge Set
12 blades, .010-.26” and 6 wires, .025-.045”
Order number: KD164 .............$8.60

MICROMETERS

0-1 Inch
Order Number: MC-1 .............$22.50

1-2 Inch - 1” standard included
Order Number: MC-2 .............$24.80
### Sellstrom Monitor/Storage Unit

**Sellstrom Monitor—Germicidal Cabinet**

Universal rack holds 6 pair of protective glasses or 5 pair of cover goggles per shelf, 8 shelves, automatic timer controls built in germicidal lamp. Dimensions: 24–1/2" wide, 32" high, 9–1/2" deep, factory assembled with door locks.

Order Number: 2000-90494 .................................................. $787.80

**Sellstrom Monitor with glasses and goggles**

This unit contains (1) 2000-90494 Monitor with 28 pairs of 77001 protective glasses and 6 pair of No. 88210 goggles.

Order Number: 2000-90494/WPS ........................................... $840.00

### Work Aprons

9-ounce cotton denim bib style apron. Floating pencil pocket chest will not spill contents when the wearer bends at the waist. Comes with neck and waist ties. Not fire retardant.

29" W x 40" L.

Order Number: DBA.............................. $6.25 each,
$5.60 (10 or more)

### Sellstrom Sebring 400


**Blue Frame/ Clear Lens.**

Order Number: 76601............................... $5.25 each,
$4.73 (12 or more)

### Sellstrom PT-9 Series


**Blue Frame, Clear Lens.**

Order Number: 74201............................... $5.25 each,
$4.73 (12 or more)

### Sellstrom Safeguard Safety Glasses

Meets ANSI Z87.1, 1989 and CSA Z94.3-M88 standards. 58mm polycarbonate lenses.

**Charcoal frames. Clear lens.**

Order Number: 78001.............................. $7.50 each,
$6.75 (10 or more)

### Welding Gloves

All leather gauntlet type welding gloves. Full, large size designed to fit natural hand contour.

Order Number: LGG-1.......................... $8.50
$7.65 (10 or more)

### Welding Helmets

Welding Helmet – 2" x 4-1/4" lift plate, includes No. 10 welding and cover plates.

Order Number: 28301............................... $49.95

**Welding Plate** – 2" x 4-1/4", No. 10 shade.

Order Number: 16600-10.......................... $2.63

**Cover Plate** – 2" x 4-1/4", plastic.

Order Number: 19002............................ $0.85
POWER TOOL SAFETY AND OPERATION

This manual features the safety and operation of thirty popular woodworking, metalworking, and metals and welding power tools. The areas covered on each power tool include parts identification, safe operational procedures, general safety practices, and ten completion questions. This manual was developed by two college mechanics professors with more than sixty years combined shop experience at the high school and college level. In addition, these materials were tested in a college research program with positive results. HOBAR

Order Number: 173TK ........................................ $10.45 each, $8.36 (10 or more)

Teacher’s Answer Key:
Order Number: 173TK .......................................... $2.75

SAFETY ZONE MARKING TAPE

Yellow, 2" x 36 yd.
Order Number: G-3M471 ............................. $19.95
Black & Yellow, 2" x 36 yd.
Order Number: G-3M471-BY .................... $19.95

POWER TOOL SAFETY OPERATION EXAMS

These thirty safety exam masters were developed to be used with Hobar’s Power Tool Safety & Operation manual #173. Each exam on one power tool contains fifteen questions answered safe and unsafe and can be duplicated for student use. HOBAR

• Bench Saw
• Jig Saw
• Band Saw
• Sabre Saw
• Radial Arm Saw
• Metal Lathe
• Shaper
• Arc Welder
• Belt Welder
• Wood Lathe
• Planer Surfacr
• Router
• Jointer
• Portable Drill
• Portable Drill
• Portable Drill
• Portable Drill

Set of Thirty Power Tool Safety Exams:
Order Number: 631 ............................................. $28.35

POWER TOOL SAFETY AND OPERATION: INSTRUCTOR’S PACKET

To aid the instructor in teaching power tool safety and in using the above manual, an instructor’s safety teaching packet was developed.

This packet includes One Student Manual, #173; One Teacher’s Answer Key, #173TK; Suggested Teacher & Student Activities over the 30 tools; 30 Safety Exams, #631; and 30 Transparency Masters, #373.

Note: Items may be purchased separately, except the suggested activities. Please see individual items for complete descriptions. HOBAR
Order Number: 273 ................................................................ $38.50

SAFETY 11" X 17" POSTERS

These 24, two color posters will add greatly to your shop safety instructional program. They are laminated for easy display in the shop area near the specific power tool. There are four posters on general safety and 20 on the common carpentry and metal power tools: band saw, belt grinder, bench saw, disc sander, drill press, gas forge, grinder, jig saw, jointer, metal cutting band saw, metal lathe, planer surfacer, portable circular saw, radial arm saw, router, arc welder, oxy-acetylene welder, and wood lathe. These posters are directly related to Hobar’s Power Tool Safety and Operation manual, instructor’s packet, and safety exams. HOBAR

Set of Twenty-Four Posters
Order Number: 1179 .............................................. $41.95

POWER TOOL SAFETY AND OPERATION TRANSPARENCY MASTERS

The 30 power tools covered in the student manual, Power Tool Safety and Operation #173, were made into transparency masters. The parts of the 30 tools are given in large letters for easy reading from the projector screen. HOBAR

Set of Thirty Masters
Order Number: 373TM ........................................ $10.00

11" X 17" SAFETY POSTERS

8 1/2" X 14" SAFETY POSTERS

This set of 13 laminated safety posters will enhance your shop safety instructional program. Thirteen of the most common woodworking and metalworking stationary power tools are included in the set: bench saw, radial arm saw, jointer, planer surfacer, band saw, jig saw, disc sander, wood lathe, metal lathe, grinder, drill press, metal cutting band saw, and belt grinder. Each poster covering one power tool includes part identification and 15 to 20 operating instruction procedures. Supplements Hobar’s Power Tool Safety and Operation Packet #273. HOBAR

Set of thirteen Posters
Order Number: 783 ............................................... $17.95

LARGE METAL POWER TOOLS

Safety and proper operating procedures are demonstrated for the following metal power tools: drill press, metal shear, abrasive cutoff machine, horizontal metal cutting band saw, and grinder. Also included are sharpening techniques for a twist drill, wood chisel, metal cold chisel, and wood hatchet; grinding techniques for a mushroom head on a metal punch and claw hammer; and techniques for dressing a grinder wheel with a star-type wheel dresser. 46 minutes, 1992. CEV

DVD Order Number: CEV800D .................................. $89.00

www.finney-hobar.com
THE BOOK OF TESTS

SAFETY TESTS FOR WOODSHOP


Order Number: BT-1 ........................................................... $86.00

SAFETY TESTS FOR AUTO SHOP


Order Number: BT-2 ........................................................... $86.00

SAFETY TESTS FOR WELDING


Order Number: BT-3 ........................................................... $86.00

DEVELOPING SAFETY SKILLS

FOR SHOP OR HOME

Ideal for classroom use, industry safety programs, and self-study, it illustrates the safe use of tools, machinery, and equipment, building the reader’s awareness of safety conditions and analytical skills. This manual outlines the skills necessary to work safely with electricity, chemical, and fire; teaches ladder safety skills; identifies ANSI safety color codes; and addresses safety skills for the workplace, laboratory, and home. AAVIM

Text: 100 pages, 2003, paperback
Order Number: 903N .................................................... $25.00 each, $22.50 (10 or more)

CD-ROM Test Bank: Includes printable and self-scoring tests in both ExamView and Microsoft Word formats. For Windows and Mac.
Order Number: 903CD ................................................... $35.00

BASIC SHOP SAFETY

This DVD combines live-action presentations with quizzes as it emphasizes the importance of wearing personal protective equipment over clothing and around eyes and ears when working in a lab or shop environment. Methods to prevent fire, chemical, and electrical hazards are also stressed. Learn how to lessen shop injuries with step-by-step emergency guidelines, including first aid steps and procedures. A supplement (quizzes and answers) is included. 27 minutes, 1997. CEV

DVD Order Number: CEV865D ............................................. $115.00

CATTLE HANDLING SAFETY

A look at the facilities for housing cattle, this demonstrates how to work safely around these sometimes temperamental animals. You will learn how to avoid life-threatening situations when handling cattle in a corral or pasture setting. Topics include facility design, moving cattle, cattle disposition, and use of dogs around cattle. This video is suitable for adults and youth who work with cattle, including ranchers, students, and others. 14 minutes, 2007. U OF ARIZONA

DVD Order Number: AZD231 ............................................. $21.95

LARGE WOOD POWER TOOLS I

Safety and proper operating procedures are demonstrated for the following large wood power tools: table saw, drill press, disc sander, and belt sander. Also included are miter cuts at different angles, ripping, crosscutting, and making dado and rabbet cuts with the table saw. 35 minutes, 1992. CEV

DVD Order Number: CEV784D ............................................. $95.00

LARGE WOOD POWER TOOLS II

Safety equipment to wear, accident prevention, and the proper operating techniques for large wood power tools are provided on this video. Tools discussed are: jointer, planer, radial arm saw, and vertical band saw. Also included are miter cuts at different angles, ripping, and crosscutting with a radial arm saw. 36 minutes, 1991, CEV

DVD Order Number: CEV785D ............................................. $95.00

LANDSCAPE TOOLS: USE & SAFETY

This video teaches the importance of choosing the right tool for the job, and safety. The relationship of construction materials to the quality of landscape tools is discussed. Safety precautions are thoroughly examined, including proper clothing and back care. The value of tool care and storage is illustrated, and the viewer sees several commonly used tools in action, including the round and square point shovel, scoop shovel, rakes, forks, cultivators, hoe, picks, and mattocks. 25 minutes. VEP

DVD Order Number: VEP254D ............................................. $85.00

JOBSITE SAFETY

Based on the NAHB-OSHA Jobsite Safety Handbook, the program conveys a wide range of safety information in easy-to-understand demonstrations. Topics include the use of personal protective gear, such as hardhats, gloves, and steel-toed shoes, as well as scaffolding, ladders, stairways, vehicles, mobile machinery, and other equipment. Site organization, lifting safety, electrical safety, trenching, excavation, fire prevention, basic fall protection, and hazard signage and communication are also covered. Correlates to all National CTE Organizational Standards (including the provisions of the Perkins Act). 21 minutes. SHOPWARE

DVD English Order Number: SW39677 ................................ $79.95
DVD Spanish Order Number: SW39678 ................................ $79.95

TOLL - FREE: (800) 846-7027
SHOPWARE SAFETY & TECHNOLOGY SERIES

Working in the crafts and the trades is a rewarding way for people to get their hands into their work—but it can be dangerous, too. This six-part series shows how to play it safe when working with technology used in various professions. Protect your students by making these videos compulsory viewing! Correlates to all National CTE Organizational Standards (including the provisions of the Perkins Act). Viewable/printable instructor’s guides are available online for each DVD.

6-part series, 18-22 minutes each.

**DVD Order Number: SW42034…..$99.95** entire set

**ELECTRICAL SAFETY**

Those who work with electricity continually run the risk of electric shock and electrical fires. This video details electricity-related safety procedures to follow for these hazards as well as protection of electrical instruments and solid-state devices. An excellent overview for those who work with electricity and a useful general safety video for anyone else studying technology.

**DVD Order Number: SW42035.................................$99.95**

**WELDING SHOP SAFETY**

This video covers the most important safety rules and protective equipment to use when performing MIG, TIG, arc, and gas welding. Welding helmets and their lens ratings, leather aprons and gloves, welding gas respirators, heat shields, and fire extinguishers are discussed, and various types of welders, including plasma cutters, are illustrated.

**DVD Order Number: SW42036.................................$99.95**

**AUTO SHOP SAFETY**

Reinforcing concepts with helpful animation, this video provides crucial knowledge about accidents that can occur in automotive repair shops. The best ways to prevent them, and the smartest and safest steps to take when they happen, are explained. The video covers all major shop areas, including the stall, grease rack, front end rack, tool room, and classroom. Running engines, open fuel lines, welding tools, moving cars, cars on lifts or jacks, and other shop hazards are illustrated, with detailed information on avoiding fires, explosions, asphyxiation, chemical burns, electric shock, and impact injuries. Hybrid vehicle technology is also explored.

**DVD Order Number: SW24746.................................$99.95**

**GENERAL SHOP SAFETY**

This video demonstrates the types of dangers present in any industrial or manufacturing atmosphere and then explains how to prevent accidents. Actual industrial accidents (cranes collapsing, foundry explosions) are used to stress the importance of using proper methods when in a general shop. An excellent program for technology/vocational courses.

**DVD Order Number: SW42038.................................$99.95**

**METALWORKING SAFETY**

Metalworking is a broad field of study that encompasses several large industries. This informative video demonstrates the kind of precautions that should be taken when working with metals. Sheet metal work, soldering, foundry work, and forging are covered, along with handling steel beams at a construction site (the Shedd Aquarium, in Chicago). Footage of fatal accidents reinforces the importance of safety. This video should be viewed by anyone studying technology or any metalworking trade.

**DVD Order Number: SW42039.................................$99.95**

**WOODWORKING SAFETY**

Woodworking can be a fun and very rewarding hobby or profession. However, the technology behind it can be dangerous without proper training and attention. This video summarizes the most critical safety measures to observe when using table saws, radial arm saws, planers, routers, lathes, jointers, large belt sanders, and other woodworking technology. The bottom line? Woodworking tools and equipment are very powerful machines that must be understood and respected.

**DVD Order Number: SW42037.................................$99.95**

CHEMICAL APPLICATION MANAGEMENT, 3E

This text describes many various kinds of pesticides, their toxicity, calibrations, and proper application. Also, very practical management methods and application techniques are covered in detail. This book has over 850 pictures, charts, tables, graphs, and other illustrations. Filled with EPA, OSHA, and other regulatory agency standards and suggested ways to meet or exceed those standards. Some topics covered are accurate identification of weeds, insects, and diseases, and effective ways to control them. Includes 500 pest-identification photos.

JOHN DEERE

**Text:** 292 pages, 1994, paperback
**Order Number:** FBM19103NC……. $17.95 each, $14.36 (10 or more)

**Instructor’s Guide and Transparencies Masters:** 168 pages
**Order Number:** FBM19503T..................................................$39.95

**Student Guide:** 94 pages
**Order Number:** FBM19603W............ $19.95 each, $15.96 (10 or more)

For additional Welding Helmets, Gloves & Safety items, see the Metals & Welding Section
SAFE OPERATION OF AGRICULTURAL EQUIPMENT

This quality Hobar student manual, meets Federal Regulations for training young people to work in agricultural occupations, represents the 24-hour tractor and machine operation program. Consisting of 11 units, this manual covers all phases of agricultural equipment and farmstead safety.

The 11 units are titled Safety is No Accident; Instruments & Controls; Maintenance and Safety Checks; Starting and Stopping Tractors; Tractor Safety on the Farm; Tractor Safety on the Road; Tractor Hitches, PTO’s, and Hydraulics; Why Farm Machinery Accidents Occur; Farm Machinery Accident Situations; Farmstead Safety; and Safety Standards for Agricultural Tractors and Implements. Each unit includes a student worksheet and a checksheet with questions related to the materials covered in the unit. HOBAR

Order Number: 10076
QUANTITY PRICE
1–9.........................$7.75
10–99.......................$6.20
100–499...................$5.43
500–999...................$5.04
1000+.....................$4.65

Instructor’s Manual: Includes answer keys for the worksheets and checksheets; a list of materials needed for the training program; resource list for publications, slide sets, films, and videos; teaching plan for each unit includes objectives, teaching aids, instructor/trainee activities, exam questions, a driving test, and the layout for a driving course. 52 pages, 1997, paperback
Order Number: 10176..................................................$6.25

AGRICULTURAL EQUIPMENT OPERATOR SAFETY SERIES

These seven video programs were designed to be used with Hobar Publication’s manual entitled Safe Operation of Agricultural Equipment, #10076. Produced for use with youth engaged with agricultural machinery operations and other farm operations; these videos are a training resource for agricultural machinery operator safety programs to fulfill the Federal Law for child labor in Hazardous Occupations in Agriculture. This video series is very well done with youth actors and music.

The seven video titles are Starting and Stopping Tractors; Tractor Safety on the Farm; Tractor Safety on the Road; Tractor Hitches, PTO’s and Hydraulics; Why Farm Machinery Accidents Occur; Farm Machinery Accident Situations; Farmstead Safety. 7 Video Programs on one tape. 1991, 60 minutes. ISU

DVD Order Number: 75715D.................................$40.00

GEARING UP FOR SAFETY

Production Agriculture Safety Training for Youth

This CD-ROM is designed specifically to provide agricultural safety training for youth to meet the current training requirements prescribed under Subpart E-1 of Part 1500, Title 29 of the Code of Federal Regulations or better known as the Hazardous Occupations Order for Agriculture (HOOA). These regulations declare certain occupations in agriculture to be particularly hazardous for the employment of youth below age 16. The content includes 11 units that cover both the tractor and machinery operation training components of HOOA under the exemptions for Student Learners, Federal Extension Services (4-H), and Agricultural Education. Safety information on ATV’s and skid steer loaders are also covered. Highly interactive and attractive to today’s youth Each unit contains learning activities and review questions. High quality visuals show modern agricultural tractors and machinery being used in various agricultural operations and diverse geographic locations. A glossary containing hundreds of technical terms, each with a color image and brief description, is linked to the contents. Over 20 case studies are included. 2005. PURDUE RESEARCH FOUNDATION

Windows CD-ROM:
Order Number: PRF-SCD...............................$29.95 each, $14.95 (10 or more)

PROGRAM LEADER’S GUIDE

This program meets the current safety training regulations prescribed under the Agricultural Hazardous Occupations Order (AgHOs). A glossary, containing hundreds of technical terms each with a color image and brief description, allows quick access to definitions of new or unfamiliar terms. Also included on the CD are all of the necessary evaluation tools to assess each student’s knowledge of the curriculum materials, ability to perform a pre-operational safety inspection, and ability to safely operate a tractor through a standardized obstacle course.

Windows CD-ROM
Order Number: PRF-PLCD.................................$159.95

NATIONAL SAFE TRACTOR AND MACHINERY OPERATION PROGRAM

STUDENT MANUAL

This NSTMOP Student Manual, including the task sheets, is the primary curriculum resource developed and designed to be used in a variety of instructional settings as a result of the USDA Agreement. The Task Sheets are divided into 6 sections:

- Introduction
- Safety Basics
- Agricultural Hazards
- The Tractor
- Connecting and Using Implements with the Tractor
- Materials Handling (Skid Steers, ATV, and Utility Vehicles and more!)

There are a total of 92 task sheets, 48 are identified as CORE topics. Also included are a skills and driving test layout map and evaluation forms. PENNSYLVANIA STATE UNIVERSITY, THE OHIO STATE UNIVERSITY, AND NATIONAL SAFETY COUNCIL

312 pages, 2013, paperback
Order Number: NSTMOP-SM.............$23.50 each, $18.80 (10 or more)

To find out more about the Youth Farm Safety Education and the Certification Program visit www.agsafety4youth.info

TOLL - FREE: (800) 846-7027
FARM RESCUE
Responding to Incidents and Emergencies in Agricultural Settings
This two-color manual explains and illustrates rescue procedures in farm settings. Includes information on agricultural equipment injuries; farm structure emergencies; farm chemical exposures, fires, and spills; and accidents involving farm animals. Supplemented the text are 87 figures, one table, and three appendixes. MWPS

DVD Order Number: VEP 634D ............................................. $75.00

DAIRY SAFETY
This informative video takes a comprehensive look at the problem areas inherent in a dairy operation. The first section of the program, “Handling Cattle Safely,” explores the behavior of cattle in the dairy farm environment. Learn the proper methods to deal with Handling Dams and Calves Safely, Artificial Insemination Safety, Handling Bulls Safely and Milking Parlor Safety. In the second section, “General Farm Safety,” see a variety of related topics to help run a safe dairy farm: Hazardous Chemicals Safety, Feeding Livestock Safety, Moving Equipment Safety, Physical Facility Safety, Communicable Disease Safety, and Manure Pits and Vertical Silos. Anyone involved in the dairy farming industry, needs this video! 29 minutes, 1991. VEP

DVD Order Number: VEP 805D ............................................. $95.00

TRACTOR SAFETY
This video stresses safety practices and emphasizes knowing your tractor. “Pre-operation Check”, directing you to examine the spinner shield, shaft, tires, oil, and fuel shut-off cable before operation. “Transporting Tractors” emphasizes toe-in and wheel spacing adjustment; locking and adjusting the steering brakes; and paying attention to cargo movement. “Operation Check” stresses removing hazards from the area to be worked: backing up steep hills and loading ramps; avoiding “sideways” driving on a hill; hitching chains to the drawbar only; and other important details. “Tractor Behavior and Accident Prevention” focuses on the most common tractor mishaps and how they can be avoided. Finally, “Emergency Response Procedures” urges the training of all workers in first aid and outlines what you should do in the event of an accident. 24 minutes. VEP 1990.

DVD Order Number: VEP806D ............................................. $95.00

CROP PRODUCTION SAFETY
This video teaches agricultural employees how to minimize chemical, environmental, mechanical, and biological health risks in the agricultural industry. These critical safety practices are designed to protect workers and assure safe food for consumers. (For experienced workers, the information will serve as a reminder of the precautions necessary while working on a farm.) 2005. U OF ARIZONA

DVD: English and Spanish versions
Order Number: AZD227 ......................................................... $19.95

FARM AND RANCH SAFETY MANAGEMENT, 4E
This book gives 21 ways to avoid fatal farm accidents...and that’s just for starters. It shows very practical ways to avoid pinch points; wrapping, shearing, crushing, and pull-in hazards; thrown objects and freewheeling parts; electrical and stored energy; and much more. This book is filled with EPA, OSHA, and other regulatory agency standards. Topics covered in simple, straightforward language include safety machine operation, handling toxic chemicals, hazardous waste disposal, developing and overall safety management plan.

JOHN DEERE
Text: 360 pages over 500 illustrations, 1994, paperback
Order Number: FBM18104NC......................... $24.95 each, $19.96 (10 or more)
Instructor’s Guide & Transparencies: 314 pages, loose-leaf
Order Number: FBM18504T............................... $49.95
Student Guide: 128 pages, loose-leaf
Order Number: FBM18604W......................... $17.95 each, $14.36 (10 or more)

PESTICIDE SAFETY
The Environmental Protection Agency’s (EPA) Worker Protection Standards require that all agriculture workers be provided with appropriate equipment for certain jobs, receive instructions on pesticides used, and know emergency medical procedures for pesticide poisoning. This video provides information concerning how to be safe around pesticides; where pesticides can be found and how to avoid these areas; how pesticides can enter the body; how to recognize the signs and symptoms of pesticide exposure; treatments for pesticide poisoning; and laws that protect agricultural workers. 22 minutes, 1996. CEV

DVD Order Number: CEV757D ............................................. $89.00

FARM EQUIPMENT SAFETY
This presentation will educate the operator on safety techniques for many pieces of equipment, such as tractors, fuel storage, hydraulics equipment, and PTOs. It discusses proper safety procedures and interviews with farmers, fire and rescue officials, and other safety experts are included. Supplement included. 20 minutes. CEV

DVD Order Number: CEV792D ............................................. $99.00

CAREFUL COUNTRY
Farm Safety Coloring & Activity Book
This book makes it fun and interesting for children to learn about the very serious topic of farm and home safety. Children can color animal characters as they learn valuable safety lessons. We encourage teachers and parents to go through the contents of this book and explain the safety messages presented with each drawing. The hazards discussed reflect the most frequent causes of childhood injuries on the farm or ranch. Emphasis is based on the fact that most injuries are a result of incorrect or inappropriate choices and are preventable.

PURDUE UNIVERSITY
20 pages, paperback
Order Number: CCCB................................. $1.85 each, $1.48 (10 or more)
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