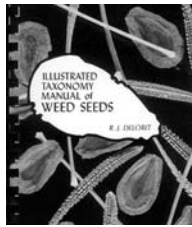


**ILLUSTRATED TAXONOMY
MANUAL OF WEED SEEDS**

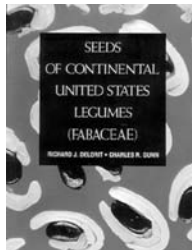
This book has been distributed in all 50 states and 44 foreign countries. It includes 2 1/2" by 3 1/2" color photographs of seeds of 192 weedy plants, the description of each seed and its life span, a detailed identification key, and a glossary of terms. AGRONOMY PUBLICATIONS/HOBAR



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

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

SOIL SCIENCE & MANAGEMENT, 5E

This text emphasizes the human interaction with and effect on soils, rather than treating the soil as an independent element. Non-technical and easy-to-understand, aids in teaching the essentials of soils from those who are concerned about how soils work and how they are used more effectively. Includes nutrient management, best practices and relevant legal issues and government programs. Four-color illustrations throughout the text, making it a visually appealing book. DELMAR



Text: 542 pages, 2009, hardcover
Order Number: 3865-6.....\$172.95 each, \$138.36 (10 or more)

Instructor's Guide:
Order Number: 3866-3.....\$21.95

Lab Manual:
Order Number: 3867-0.....\$59.95 each, \$47.96 (10 or more)

Lab Manual Instructor's Guide:
Order Number: 3868-7.....\$21.95

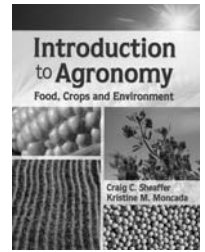
**THE SCIENCE OF BIOLOGICAL DECOMPOSITION
Effective Composting Methods** 

Start on the microscopic level to see the wide array of micro and macro-organisms which work to break down organic matter. See how to create compost, and explore its water and nutrient holding capacity. Learn the basics of aerobic hot composting, and then explore how to create a good C:N (brown:green) ratio when layering. See how to implement proper watering rates, and how to use a thermometer to determine the pile's mesophyllic/thermophilic cycle. Other composting methods shown include: sheet composting, pit composting, and worm composting. 33 minutes. SAN LUIS

DVD Order Number: SL3095.....\$119.00

**INTRODUCTION TO AGRONOMY
Food, Crops, and Environment**

This text provides an introductory look at agronomy and crop science written for a broad audience including traditional agricultural students as well as students with nonagricultural backgrounds. Principles of crop science, sustainable agriculture, and the relevance of agriculture to important current societal issues are covered. Topics relevant to our overall society such as food, fiber, and energy, ecology, and the environmental quality are discussed. The impact of climate and soils on agricultural practices and agriculture's impact on environmental quality and the description and uses of important crops are included. Approaches to improving plants and crop production efficiency through crop breeding, biotechnology, crop management are also covered. Illustrations throughout enhance learning and appeal to more visual learners. DELMAR



Text: 564 pages, 2009, hardcover
Order Number: 5037-5.....\$88.95 each, \$71.16 (10 or more)

Classroom Interactivity CD-ROM:
Order Number: 5038-2.....\$69.95



CROP SCIENCE LIBRARY

This CD is filled with 48 lessons, each complete with a student portion, exercises, test, and teacher's guide. Some lessons have PowerPoint® and interactive crossword puzzles using vocabulary terms. Areas covered in these lessons include crop technology as it relates to fertilizers and pesticides. It also covers important crops such as corn, soybeans, potatoes, wheat, barley, oats, and legumes. The science side of plants is also covered in 15 individual lessons. For Windows and Mac. AGEDNET
Order Number: AEN-CS.....\$74.95



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

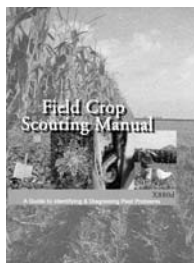


30 Students:
Order Number: R-100883.....\$150.00

WHAT'S IN THE SOIL: PART 2

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.....\$114.25

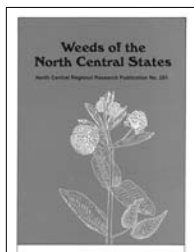
FIELD CROP SCOUTING MANUAL**A Guide to Identifying & Diagnosing Pest Problems**

This manual is designed to aid in identification and evaluation of common problems in the field. It describes nutrient deficiencies, herbicide injuries, insects, diseases, weeds, and other agronomic crop problems. Filled with color photos, line drawings, and scouting worksheets and guidelines. UNIV OF IL

Manual: 236 pages, 2004, spiral bound
Order Number: IL-X880D\$87.00

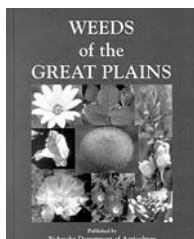
CD-ROM: Searchable PDF version of the manual. For Windows and Mac.
Order Number: IL-CDR880D.....\$75.00

Manual & CD-ROM Package:
Order Number: IL-SETX880\$142.50

WEEDS OF THE NORTH CENTRAL STATES

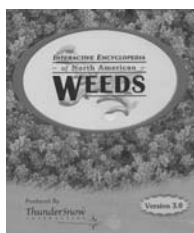
Describes and illustrates the weeds commonly found in the North Central Region of the United States. Discusses ways to identify weeds. Contains a glossary and index. U of IL

303 pages, 1988, softcover
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

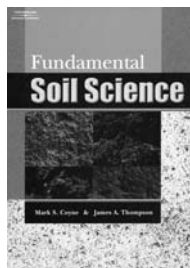
624 pages, 2003, hardcover
Order Number: NE7000-4\$40.00

ENCYCLOPEDIA OF NORTH AMERICAN WEEDS

This Windows DVD-ROM contains interactive tutorials on plant identification, animations, hundreds of custom illustrations, and over 2,400 photographs. 447 weed species are fully described with descriptions of 67 plant families. Each weed species home page has links to full-color photographs of the weed at every stage of its life—seed to fruit, a complete text description, distribution map for the

United States, Canada including Alaska, its plant family description, and an illustrated glossary. A habitat key is also included. Links to illustrations and World of Weeds articles are included for many of the weeds. SOUTHERN WEED SCIENCE SOCIETY

Windows DVD-ROM Only
Order Number: SWSS-NAW\$59.95

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 soils are dynamic, living, natural resources that effect every aspects of our lives. As a learning tool, this publication introduces the reader to concepts then reinforces them throughout. As a reference tool, it meets professional' needs when they seek information about basic soil concepts pertinent to practical experience. DELMAR

Text: 404 pages, 2006, hardcover
Order Number: 4266-5\$132.95 each, \$106.36 (10 or more)

Instructor's Guide:
Order Number: 4267-3\$17.95

DVD INTRODUCTION TO LAND JUDGING

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**

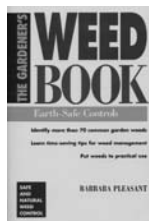
Viewers of this practical video will gain valuable experience in land judging. Two plots of land are presented for evaluation, followed by an official key of major land class factors and correct treatments provided by Dr. Stahnke. 33 minutes, 1992. CEV

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 and followed by an official key provided by Dr. Stahnke of major land class factors and correct treatments. 36 minutes, 1992. CEV

DVD Order Number: CEV582D\$55.00

THE GARDENER'S WEED BOOK**Earth Safe Controls**

This easy-to-use reference covers the pros and cons of the presence of weeds, recommends proven organic methods for controlling unwanted weeds, and presents an illustrated encyclopedia of dozens of the most common weeds. STOREY

201 pages, 1996, softcover
Order Number: SGW921-4\$14.95

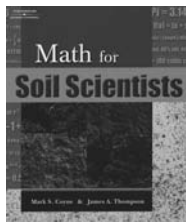
**CAREERS IN PLANT & SOIL SCIENCE**

Career choices in production agriculture, plant and soil research, governmental regulatory agencies, and industrial agriculture are outlined and discussed. Live-action video and interviews with experts will help viewers learn about benefits and rewards resulting from a career in plant and soil science. Quiz included. 23 minutes, 1997. CEV

DVD Order Number: CEV750D\$79.00

MATH FOR SOIL SCIENTISTS

This resource explains the importance of each concept explored, discusses the theory behind each concept, and presents the method for solving each problem. Written for students and practitioners in the field of soil science who must learn or review basic mathematical operations faced when studying or working with soils. Covers the most common equations in the soil science field; this easy-to-read text approaches every concept in a step-by-step fashion, allowing the reader to fully understand how to find the solution to each sample problem. DELMAR



Text: 288 pages, 2006, softcover
 Order Number: 4268-1\$36.95 each, \$29.56 (10 or more)

Answer Key:
 Order Number: 4269-X.....\$17.95

INTRODUCTION TO SOIL SCIENCE



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

DVD Order Number: SL3111\$155.00

Order the series and save!

DVD Order Number: SL3327\$333.00

SOILS SCIENCE

Introductory soils unit includes the importance of soil, soil formation, soil horizons, soil texture, soil coloring, soil chemical properties, soil fertility, soil sampling and interpreting soil test results, effects of water on soil, site characteristics, management and interpretations, environmental impact on soil and water management, and evaluating the soil landscape. 1994. IML

Instructor Packet: loose-leaf/drilled, includes a student reference
 Order Number: 10-5050-I\$44.75

Student Reference: softcover/drilled
 Order Number: 10-5050-S\$8.35

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

PESTICIDES IN AGRICULTURE



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

SOIL MANAGEMENT

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 farm manager must evaluate this information, then create a conservation plan specifically for each individual farming operation. JOHN DEERE

Text: 140 pages, 1993, softcover
 Order Number: FBM11101NC..... \$21.95 each, \$17.56 (10 or more)

Instructor's Guide: 68 pages
 Order Number: FBM11501T \$22.95

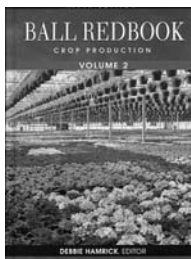
COMPOSTING

Everything you need to know about composting, from different containers available to what to put in them and how to use the results. Includes an A-to-Z directory of how to compost everything from ash to weeds. Plus, expert advice on how to compost in small spaces, bins, and wormeries, and getting your community involved.



96 pages, 2007, softcover.
 Order Number: CG74-5\$7.95

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

736 pages, 2003, hardcover

Order Number: B059\$68.95

INTRODUCTION TO GRASSLAND MANAGEMENT

Topics include grassland plant classification, livestock and wildlife needs, grassland soil management, and developing a grassland management plan. Activities are incorporated throughout the lessons. 1991. IML

Instructor Packet: includes loose-leaf/drilled, student reference, ID manual, and WordPerfect disk

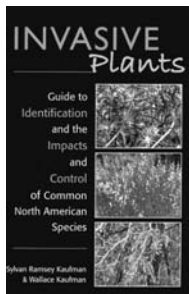
Order Number: 10-1201-I\$63.00

Student Reference: softcover/drilled

Order Number: 10-1201-S\$7.00

INVASIVE PLANTS

Guide to Identification and the Impacts and Control of Common North American Species



This book features full-color photos and descriptions of some 175 alien species—both terrestrial and aquatic. Accompanying text describes the plants' environmental and economic impacts as well as management and control techniques. Includes an explanation of what an invasive is and a step-by-step identification key. This is an essential guide to understanding this environmental challenge. STACKPOLE

458 pages, 2007, softcover

Order Number: SP3365-6\$39.95



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

VHS: 30 minutes.

Order Number: 600V\$62.95

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 Pak: 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

www.finney-hobar.com

STREAM TABLE KIT



This kit includes a plastic tray, drain trough, tray support, siphon tube, and teacher's guide. This economical stream table will give students the chance to create their own landforms and follow the changes in the stream as it ages. Great for use in the classroom, an outdoor activity, or science fair projects. HUBBARD SCIENTIFIC

Order Number: 3071\$75.25

STREAM TABLE LAB MANUAL

A comprehensive workbook with 20 stream table activities to give your students the chance to practice scientific investigation and measurement. HUBBARD SCIENTIFIC

32 pages

Order Number: 906\$12.50



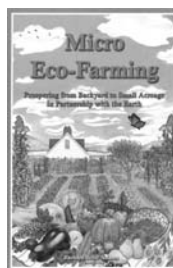
SUSTAINABLE AGRICULTURE

See how sustainable agriculture is efficient in the use of natural resources, ecologically sound and economical. Learn how to improve soil fertility and nutrient cycling, maintain biological diversity, implement effective cover crops and trap crops, integrate farm animals, add compost to the soil, mulch, reduce soil erosion and enhance soil structure by utilizing various conservation tillage techniques, manage pests, develop useful crop rotations, and much more. Visit numerous locations and hear from five farmers who have successfully made the transition. 30 minutes. SAN LUIS

DVD Order Number: SL3099\$119.00

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, softcover

Order Number: IND37\$16.95



INTEGRATED PEST MANAGEMENT IN AGRICULTURE

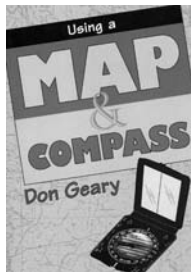
See how and why IPM was developed in agriculture. Learn the basic strategies, proper pest identification, monitoring, biological control, physical control and chemical control. Explore various cultural control techniques such as sanitation, cultivation and the use of cover crops. Concepts such as the 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

DVD Order Number: SL3051\$119.00

USING A MAP & COMPASS

Provides basic knowledge of using a compass, reading maps, navigating in the field, and understanding the weather. STACKPOLE

156 pages, 1995, softcover
Order Number: SP2591-X\$16.95



LEVELING & LAND MEASUREMENT PRACTICES FOR AG

This two manual series is the answer to your Soil & Water practices instructional program. Fourteen job operations including: legal land description, leveling equipment, land measurement, aerial mapping, tripod level, differential leveling, profile leveling, and laying out contours are covered in this series. Excellent student activities (including classroom and laboratory activities) are presented UNIV OF AZ

Student Activity Manual: 73 pages
Order Number: AZ177\$13.00

Instructor's Reference Manual: 102 pages
Order Number: AZ277\$16.00

BASIC SURVEYING

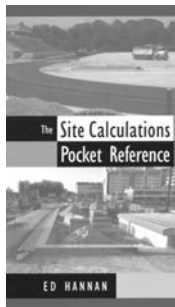


Computer-generated visual effects help illustrate surveying concepts that are often difficult to teach in a classroom setting, such as differential leveling and profile leveling. As the featured expert illustrates route surveying and sighting of property boundaries, he also discusses equipment, field notes, other data collection and data analysis techniques. Supplement is included. 40 minutes. CEV

DVD Order Number: CEV797D\$99.00

THE SITE CALCULATIONS POCKET REFERENCE

This handy pocket reference puts all the formulas and calculations for all areas of general site construction at your fingertips. Some of the information this books offers is on drainage, sewers, and irrigation; grassing, landscaping, and ground covers; temperature, area, and time measurement; units of weight and measurement; map and surveyor information; worldwide weather data; metric conversions; and more. JOHN WILEY



490 pages, 2006, spiral bound
Order Number: JW73002-5\$55.00



ORGANIC LIBRARY

This CD is filled with 26 lessons, each complete with a student portion, exercises, test, and teacher's guide. Some lessons have PowerPoint® and interactive crossword puzzles using vocabulary terms. Areas covered in this library include the basic concepts of organic production and how to be certified. Also covered are organic management, producing organic crops and producing organic livestock products. For Windows and Mac. AGEDNET

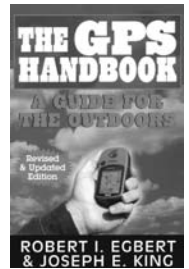


Order Number: AEN-O\$74.95

**THE GPS HANDBOOK
A Guide for the Outdoors**

Since the original publication of *The GPS Handbook* in 2003, advances in GPS technology have expanded the usefulness and flexibility of these now-essential devices for any outdoorsperson. This revised edition includes all the latest models of hand-held GPS units from Garmin, Magellan, and other major manufacturers and discusses new features (such as enhanced downloadable maps) that help make time in the outdoors safer, easier, and more fun with GPS. Also included is information on how GPS works, linking to laptops, cell phones and PDA's, coordinating with maps, software options, an introduction to geocaching, and much more. BURFORD

188 pages, 2008, softcover
Order Number: NAT149-2\$16.95 each, \$13.56 (10 or more)



GIS: GEOGRAPHIC INFORMATION SYSTEMS

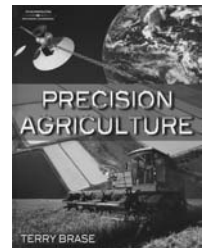


This program effectively shows what GIS is and what it can do. See how GIS can help in land use decision making, at a number of different scales. This tool allows us to overlay and process data that is important to our present and future decision making. This popular video was put together by a diverse group of specialists, ranging from Landscape Architects and City Planners to Agriculturists and Soil Scientists. 28 minutes. SAN LUIS

DVD Order Number: SL3023\$119.00

PRECISION AGRICULTURE

This text covers in detail: spatial data for recordkeeping, spatial analysis in decision making, and modeling prescription maps for variable rate applications. The author demonstrates the applications of GPS technologies allowing students to learn the critical thinking skills of spatial analysis. It also provides an overview of precision agriculture concepts and the tools of precision farming systems. DELMAR



Text: 226 pages, 2006, hardcover
Order Number: 8105-X\$83.95 each, \$67.16 (10 or more)

Instructor's Guide:
Order Number: 8107-6\$18.95

SAGA OF THE GRAIN

A Tribute to Minnesota Cultivated Wild Rice Growers

Over the course of many centuries, humans have domesticated and improved white rice, wheat, corn, and many other crops. It has been only in the last half of the twentieth century that wild rice started on the road to domestication. The challenges were great, but exciting, in the development of this newly cultivated crop. This remarkable story of the transformation of wild rice by growers, entrepreneurs, and scientists makes for compelling reading. HOBAR



144 pages, 2007, hardcover
Order Number: 12007\$34.95

CROP SEED IDENTIFICATION KIT

41 SEEDS

This set contains 41 common crop seed samples: Alfalfa, Alsike clover, Barley, Birdsfoot trefoil, Broccoli, Bromegrass, Canola, Corn, Cotton, Cucumber, Fescue, Grain sorghum, Kentucky bluegrass, Ladino clover, Lespedeza, Lettuce, Lima bean, Muskmelon, Oats, Orchardgrass, Pea, Peanut, Perennial ryegrass, Popcorn, Pumpkin, Red clover, Redtop, Rice, Rye, Safflower, Soybean, Sudangrass, Sugar beet, Sunflower, Sweet clover, Sweet corn, Timothy, Tomato, Vetch, Watermelon, and Wheat. UNIV of IL

Order Number: IL-X34C\$70.00

GRAIN GRADING SETS

Grain grading involves the study of seeds. Written problems with answers make up another instructional tool for your students and teams. There are ten sets of problems with eight problems per set. The seeds covered are Hard Red Spring Wheat, Hard Red Winter Wheat, Durum Wheat, Six-Rowed Barley, Oats, Rye, Yellow Soybeans, Yellow Corn, White Corn, and Mixed Corn. **Does not include seeds**, problems only.

Order Number: GRGRADE.....\$43.00

FIELD CROPS POSTER



This laminated poster presents full-color photos and descriptions of 21 field crops commonly grown in the United States. The crops covered include barley, canola, corn, cotton, dry beans, flax, kenaf, millet, oats, peanut, potatoes, rice, safflower, grain sorghum, soybeans, sugarbeets, sugarcane, sunflower, tobacco, and wheat. It's a great crop identification tool! AGRI RESOURCES

Order Number: 3123\$30.00



MAJOR CROPS OF THE UNITED STATES POWER POINT

This PowerPoint® presentation provides students a concise summary of the leading crops (e.g. cotton, wheat, tobacco, peanuts, apples, and more) in the United States. Each crop has an individual summary, including economic importance, geographical areas where the bulk of each crop is grown, the state responsible for the most production, the value of production for the entire United States, and planting dates and growing seasons. 25 slides. CEV

Order Number: CEV70101\$69.00

CROP AND GRASSLAND PLANT IDENTIFICATION MANUAL

Includes field crops and grassland plants from the Midwest divided into four sections: forbs, grasses and grass-like plants, legumes, and woody plants. Line drawings are used to illustrate the full plant and/or key identifying characteristics. IML

88 pages, 1997, softcover/drilled

Order Number: 10-1203-S\$7.35

CROP SCIENCE UNIT

This nine-lesson unit covers economic importance of crops, crop uses, plant and seed identification, certified seed and variety selection, stand establishment, managing the crop, harvesting and storage of grains, harvesting and storage of forages, and controlling crop pests. IML

Instructor Packet: loose-leaf/drilled, includes student reference
Order Number: 10-1035-I\$21.50

Student Reference: softcover/drilled
Order Number: 10-1035-S\$7.00

WHAT CROP IS IT?

A hands-on study of 10 important U.S. crops and their by-products. This kit includes one teacher's guide, 8 hands-on activities, 10 crops and 10 crop by-products (carded, labeled, and bagged), geographic and economic importance of each crop, nutritional and economic value of by-products, wheat, corn, rice, cotton, oats, soybeans, barley, alfalfa, and more. What Crop is it? integrates other subjects like geography, history, economics, and nutrition to give students an interdisciplinary perspective of U. S. crop production. YOUNG NATURALIST

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These sets are essential for studying crops and when preparing teams for competition at the local, state, or national levels.

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This set contains **24 common seeds**: Annual Canarygrass, Buckwheat, Canola, Dent Corn, Durum Wheat, Fieldbean, Fieldpea, Flax, Flint Corn, Foxtail Millet, Grain Sorghum, Hard Red Spring Wheat, Lupine, Oat, Popcorn, Proso Millet, Rye, Six-rowed Barley, Soybean, Sunflower, Sugarbeet, Sweet Corn, Triticale, and Wild Rice. U OF M

Order Number: CROP1-24.....\$59.00

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Forage seeds are in this **set of 14**. Included are: Alfalfa, Alsike Clover, Birdsfoot Trefoil, Crownvetch, Kentucky Bluegrass, Orchardgrass, Red Clover, Reed Canarygrass, Smooth Brome, Sudangrass, Sweetclover, Tall Fescue, Timothy, and White Clover.

Order Number: FORAGE 58-71\$34.50

COMMON WEED SEEDS

Weed seeds included in this **set of 25** include: Barnyardgrass, Common Burdock, Common Cocklebur, Common Lambsquarter, Common Ragweed, Curly Dock, Dandelion, Downy Brome, Dragonhead Mint, Giant Foxtail, Giant Ragweed, Green Foxtail, Kochia, Large Crabgrass, Pennsylvania Smartweed, Prickly Smartweed, Redroot Pigweed, Russian Thistle, Shepherds purse, Velvetleaf, White Campion, Wild Buckwheat, Wild Oats, Wild Proso Millet, Wild Sunflower, and Yellow Foxtail.

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Soil texture samples for the training of judging teams. Each texture sample is in a pint container. The complete set includes: Coarse Sand, Fine Sand, Loamy Coarse Sand, Loamy Fine Sand, Coarse Sandy Loam, Fine Sandy Loam, Loam, Silt Loam, Clay Loam, and Clay.

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