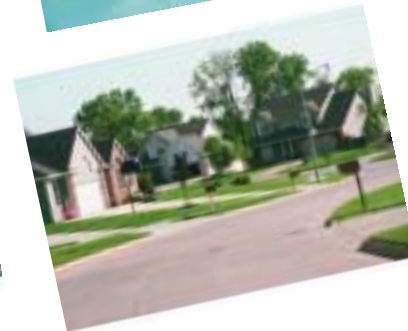


# Landscape, Environment & Ecology

CD-Rom, DVD



**dw** (주) 동원오디오비주얼

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# 목 차

Item. No.	제 목
E-201	Fertilizers & the Environment <b>NEW!</b>
E-202	Irrigating the Land <b>NEW!</b>
E-203	Pesticides & Herbicides: An Introduction <b>NEW!</b>
E-204	Water Management <b>NEW!</b>
E-205	Water Resources <b>NEW!</b>
E-206	Introduction to Forest Management <b>NEW!</b>
E-207	Growing Trees <b>NEW!</b>
E-208	Harvesting Timber <b>NEW!</b>
E-209	Forest Management <b>NEW!</b>
E-210	Safety in the Forest <b>NEW!</b>
E-211	Field Trip: Lincoln Electric <b>NEW!</b>
E-212	Field Trip: Landmark Nurseries <b>NEW!</b>
E-013	Careers: Agricultural Producers
E-014	Careers: Agricultural Scientists
E-015	Field Trip: Lumber Production
E-016	Field Trip: Greenhouse
E-017	Field Trip: Paper Mill
E-018	Fundamentals of Forestry
E-019	Soil Conservation
E-020	Land Application: Water Reuse in Agriculture
E-021	Pesticide Safety
E-022	Basic Environmental Science
E-023	Collection & Preservation of Insects
E-024	Insect Metamorphosis & Structure
E-025	ID & Classification of Insects
E-026	Arthropod ID

Item. No.	제 목
E-027	Practice Insect ID - I
E-028	Practice Insect ID - II
E-029	Insect ID
E-030	Pest ID CD-ROM
E-031	Principles of Interiorscape Design
E-032	Principles of Floral Design
E-033	History of Floral Design
E-034	Inventory & Storing Plants
E-035	Techniques in Flower Judging
E-036	Post Harvest Care of Cut Flowers
E-037	Fundamentals of Competitive Flower Arranging
E-038	Fundamentals of Corsage Making
E-039	Careers: Plant Your Future
E-040	Flower ID CD-ROM
E-041	Landscape Plant ID: Trees
E-042	Horticulture Plant ID: Floral
E-043	Horticulture Plant ID: Foliage
E-044	Practice Landscape Plant ID
E-045	Practice Horticulture Plant ID
E-046	Building Construction: Basic Site Evaluation
E-047	Building Construction: Basic Surveying
E-048	Building Construction: Basic Site Development
E-049	Careers: Architecture & Construction
E-050	Plant Structures & Functions
E-051	Graphic Design Tools

Item. No.	제 목
E-052	Landscape Site Analysis
E-053	Plant Classification
E-054	Naming Plants Scientifically
E-055	Landscape Design
E-056	Art of Landscaping
E-057	Building Construction: Site Surveying & Development
E-058	Landscape Power Tools
E-059	Horticopia A to Z
E-060	Techniques in Plant ID
E-061	Plant Selection
E-062	Bedding Plant Production
E-063	Foliage Plant Production
E-064	Potted Plant Production
E-065	Field Grown Plants
E-066	Container Grown Plants
E-067	Elements of Pruning
E-068	Advanced Pruning
E-069	Pruning Roses
E-070	Pruning Informal & Formal Hedges
E-071	Landscape Design: Introduction
E-072	Landscape Design: Design Process
E-073	Landscape Design: Presentation Techniques
E-074	The Art of Landscaping: Design
E-075	The Art of Landscaping: Shopping & Planting
E-076	Landscaping with Container Plants

Item. No.	제 목
E-077	Diseases of Landscape Plants
E-078	Growing Media for Landscape Plants
E-079	Fertilizing Landscape Plants
E-080	Planting Trees and Shrubs
E-081	Planting Herbaceous Plants & Groundcovers
E-082	Landscape Maintenance Management
E-083	Estimating for Landscape Maintenance
E-084	Landscape Tools: Use & Safety
E-085	Landscape Irrigation Maintenance & Troubleshooting
E-086	Professional Turf Management
E-087	Ground Squirrel Management
E-088	Pesticide Safety: Minimal Risk to the Environment
E-089	Pesticide Safety: Minimal Risk to the Applicator
E-090	Pesticide Safety in the Landscape
E-091	Herbicide Use & Safety in the Landscape
E-092	Power Blower
E-093	Rotary Edger/Trimmer
E-094	21-Inch Rotary Mower
E-095	Power Shears
E-096	String Trimmer
E-097	Plant ID - I CD-ROM
E-098	Plant ID - II CD-ROM
E-099	Tree ID
E-100	Practice Tree ID
E-101	Legume & Woody Plant ID

Item. No.	제 목
E-102	Careers: Plant & Soil Science
E-103	Basic Game Management: Ecological Concepts
E-104	Western Fertilizer Series 1: Soil
E-105	Western Fertilizer Series 2: Water and Plant Growth
E-106	Western Fertilizer Series 5: Fertilizers
E-107	Western Fertilizer Series 7: Correcting Problem Soils with Amendments
E-108	Western Fertilizer Series 8: Soil Organic Matter
E-109	Western Fertilizer Series 9: Soil and Tissue Testing
E-110	Western Fertilizer Series 12: Benefits of Fertilizers to the Environment
E-111	Western Fertilizer Series 13: Western Laws Relating to Fertilizing Materials
E-112	Behavior of Animals

## Fertilizers & the Environment

NEW

Item #: E-201

Because fertilizers help replenish essential nutrients the soil loses, understanding function and application is vital. This presentation provides detailed information regarding the nutritional requirements of plants, along with important "fertilizer basics" such as:

- Analysis
- Application
- Equipment and costs
- Records and schedules
- Handling and storage
- Effects on the environment

Perfect for students and beginning horticulturists! Collaborator: Dr. Cary Green, Associate Professor of Soil and Chemistry, Texas Tech University. 35 min.

Media: DVD

Price: ₩133,000



## Irrigating the Land

NEW

Item #: E-202

Who needs dryland when you have irrigation? Irrigation is a common practice used in both the agricultural and landscaping industries. This program covers its benefits, the relationship between soils and irrigation, different irrigation systems, water supply and management and scheduling. Irrigation system evaluation and environmental impacts of irrigation are also discussed.

Collaborator: Randall Merriott, CID, Irrigation Dynamics 36 min.

Media: DVD

Price: ₩133,000



## Pesticides & Herbicides: An Introduction

NEW

Item #: E-203.

Due to the diversity of plant and animal health problems caused by pests, learning how to recognize, understand causes, is vital for any student wishing to become a horticulturist, rancher, farmer or even a home gardener.

- Pest identification (harmful and beneficial)
- Control methods (classes of pesticides)
- Safety
- Integrated pest management

Collaborator: Dr. Pete Dotray, Professor of Weed Science, Texas Tech University. 31 min.

Media: DVD

Price: ₩133,000



## Water Management

NEW

Item #: E-204

Water pollution is devastating to aquatic environments and aquatic life. This presentation discusses the physical and chemical properties of water and analyzes factors which affect its quality, such as weather, biomass, soil, chemicals and frequency and amount of fish food provided. The importance of mechanical and biological filtration and different devices, such as pumps, water pipes and quarantine tanks, used in completing this task are also explored. Water quality measurement categories (i.e., biological, physical, chemical and aesthetic) are introduced, as well. 40 slides

Media: CD-ROM(PowerPoint® Presentation)

Price: ₩103,000



## Water Resources



Item #: E-205

Water is one of the most precious commodities on earth. Without it, life as we know it would not exist. In this presentation, the different properties of water will be reviewed as well as the different ways in which water is used in our daily lives. In addition, the importance of conserving our water resources and the future of our water supply will be discussed. Water quality as well as various types and causes of water pollution are covered in detail. This program was produced in cooperation with the Natural Resources Foundation of Texas. Collaborators: Dr. Ernest Fish and Dr. Ron Sosebee, Natrual Resources Management, Texas Tech University. 50 min.

Media: DVD

Price: ₩165,000



## Introduction to Forest Management



Item #: E-206

The first record of forest management can be traced to back to early China by the landowning upper-class, which later developed into promoting the idea of tree plantations, whose sole purpose was to provide timber for commercial use. This presentation explores the broad field of forestry, examining its history and the numerous advancements it has experienced over time. Different aspects of forestry are discussed, including the process of growing trees and how timber is harvested. Possible career choices in forest management are also analyzed. 45 min.

Media: DVD

Price: ₩224,000



## Growing Trees



Item #: E-207

The first step to successfully growing trees is to understand physiological processes, such as respiration and photosynthesis. This presentation also explains the process through which trees develop (i.e., root system; trunk and branches; leaves and foliage). Various internal and external factors that could prohibit or encourage the maturing of trees are examined, as well. 24 slides

Media: CD-ROM(PowerPoint® Presentation)

Price: ₩89,000



## Harvesting Timber



Item #: E-208

Timber is harvested for several reasons- to sell for income, provide logs for sawmills, create wildlife habitat or remove diseased, burned or insect infested tress. This presentation explores various timber harvesting processes, such as landing sites and skid trails or roads. Commercial and silvicultural harvests are discussed, detailing the focus, types and benefits of each. Environmental impacts of timber harvesting are also examined. 37 slides

Media: CD-ROM(PowerPoint® Presentation)

Price: ₩89,000



## Forest Management

**NEW**

**Item #:** E-209

The forestry market relies solely on the ability of producers to generate high volumes of usable timber. This presentation explores best management practices (BMPs), such as improvement cutting, selection cutting and timber stand improvements, utilized in growing, selecting and harvesting quality timber. The benefits (e.g., shading, stabilization, filtration, etc.) of streamside management zones (SMZs) are discussed. The culling process is analyzed and the importance of these cuts is described. 35 slides

**Media:** CD-R0M(PowerPoint® Presentation)

**Price:** ₩103,000



## Safety in the Forest

**NEW**

**Item #:** E-210

Logging has the highest annual deaths related to work injury in the United States. This presentation illustrates the importance of practicing safety in the forest, as well as outlining ways in which to commit to safety. Common safety hazards and dangerous equipment, such as falling wood, frequent use of saws/large equipment, sharp blades/tools and high tension cables, are identified, and accident prevention and first aid practices are outlined. Factors (e.g., heat rash, sunburn, immersion foot, trenchfoot, bear encounters, etc.) of dealing with heat, cold, plants and wildlife while working are also detailed. 49 slides

**Media:** CD-R0M(PowerPoint® Presentation)

**Price:** ₩103,000



## Field Trip: Lincoln Electric

**NEW**

**Item #:** E-211

The Lincoln Electric Company, a leader in the welding industry, takes pride in providing quality welding equipment. Located in Cleveland, Ohio, this presentation allows students to take an exclusive tour of the plant, following the process of assembly from beginning to end.

- History of the plant and brand
  - Welding School
  - Advancements in Technology
  - Assembly of the Precision TIG 225 and the Power MIG 350RP
- Collaborators: Carl Peters, Director of Technical Training; Bud Fletcher, Customer Service Specialist; Rose Kirk, Domestic Logistics Manager; and Dennis Klingman, Technical Training Manager. 39 min.

**Media:** DVD

**Price:** ₩148,000



## Field Trip: Landmark Nurseries

**NEW**

**Item #:** E-212

This field trip takes a look inside Lanmark Nurseries, one of Texas' largest wholesale growers and distributors. Students will learn many aspects of the business, including:

- History
- Plant Propagation
- Irrigation
- Fertilization
- Plant Production

This presentation allows you to bring a field trip to the classroom which otherwise may not have been possible. 25 min.

**Media:** DVD

**Price:** ₩133,000



## Careers: Agricultural Producers

Item #: E-013



Students may be surprised to learn about some of the numerous jobs listed under the general heading of "agricultural producer." The video outlines employment opportunities, necessary skills or required degrees and average salaries for several general careers. Interviews with a vegetable producer, cotton producers, livestock producers and a spur maker spark interest as they highlight

what drew them into their specific fields.

**Media:** DVD **Length:** 31 min.

**Price:** \$83,000

## Careers: Agricultural Scientists

Item #: E-014

Innovation and variety make the field of agricultural science ideal for ambitious students. Viewers learn about the various employment opportunities available in agriculture science, the necessary skills or required degrees and average salaries. Students will enjoy informative and motivational interviews with a range scientist, wildlife scientist, meat scientist, practicing veterinarian, entomologist and a USDA veterinarian

**Media:** DVD

**Length:** 32 min.

**Price:** \$83,000



## Field Trip: Lumber Production

Item #: E-015

The field trip takes you to Spurlock Logging in the forests of Woodville, Texas, where lumberjacks are clear-cutting trees destined to be turned into newspaper and other paper products. View the shearer, sawhand, skidder and loader harvest the logs and load them onto an 18-wheeler for transport. Follow as the truck pulls into Champion International Corporation's plywood and stud mill. Watch the logs as they are debarked, soaked, peeled and then cut into 2x4s, 4x4s and plywood. A supplement is included

**Media:** DVD **Length:** 39 min.

**Price:** \$142,000



## Field Trip: Greenhouse

Item #: E-016

Join us on a field trip to Irwin Greenhouses in Canyon, Texas, where more than 150 crops are cultivated and distributed. Learn the function of a hotel greenhouse and watch the processes involved in plant production as chrysanthemums travel through propagation, growing and finishing areas. Managers share their recipe for growing media, and you will see how plants are maintained through misting, root-zone heating, temperature control (cooling and heating systems), short-day and long-day treatment and fertilizer-injection irrigation systems. A supplement is included. **Length:** 25 min

**Media:** DVD **Price:** \$127,000

## Field Trip: Paper Mill

Item #: E-017

The learning tour takes us to the Champion International Paper Mill in Lufkin, Texas. Producing more than 1200 tons of paper per day, the mill supplies nearly eight percent of the newsprint used in the United States. Viewers are introduced to three methods used to transform pulp into paper: the "kraft" method, the ground wood method and the recycled paper method. You will see slasher saws, debarking, chipping, digesting and bleaching of the wood logs. Then, watch how cleaning, pressing, drying, rolling and wrapping turns wood pulp into newsprint. A supplement is included. **Length:** 29 min

**Media:** DVD **Price:** \$127,000



## Fundamentals of Forestry

Item #: E-018

Live-action video footage stimulates interest in forestry and provides an excellent foundation for contest teams. The featured expert has coached three first place teams in the Southern Region FFA and 4-H Forestry contests and 15 first place teams in the Texas State Contest. He discusses and demonstrates 10 of the 12 parts of the Texas State Woodland Clinic Contest: pine identification, rate of growth, selective thinning, tree volume, wood products, wood identification, site index, cull tree removal, woodland suitability, using a compass and pacing. A supplement is included. **Length:** 39 min.

**Media:** DVD **Price:** \$142,000



## Soil Conservation

**Item #:** E-019

Examine soil erosion, its impact on our economy, causes and prevention in this program. View a profile of the Soil Conservation Service (now the United States Natural Resource Conservation Service), founded in 1935 in response to devastation caused by the "dust bowl." Learn about soil conservation techniques, such as crop rotation, grassed waterways, increasing organic matter in the soil, no-till farming, urban conservation techniques and more. A supplement is included.

**Length:** 21 min

**Media:** DVD **Price:** \$127,000



## Land Application: Water Reuse in Agriculture

**Item #:** E-020

Providing an examination of treated wastewater recycling at one of the largest facilities of its kind in the country, the program explores agricultural land application principles and the distribution of effluent wastewater into crop soils. Wastewater treatment, collection, distribution and management practices are discussed by John Hindman, manager of the City of Lubbock (Texas) Land Application Site, and by Dr. Clifford Fedler, professor of civil engineering at Texas Tech University. A supplement is included.

**Media:** DVD **Length:** 23 min. **Price:** \$118,000



## Pesticide Safety

**Item #:** E-021

The main concern of the videotape is the safety around pesticides. Topics covered include equipment and safety precautions when mixing and applying pesticides, avoiding residue contact, limiting the risk of exposure, how pesticides enter the body, symptoms of exposure and treatment for pesticide poisoning. Also included is a discussion of EPA worker protection laws. A supplement is included. **Length:** 22 min.

**Media:** DVD **Price:** \$133,000



## Basic Environmental Science

**Item #:** E-022

What is Energy? Renewable energy (biomass, geothermal, hydropower, solar and wind), non-renewable energy (nuclear), fossil fuels (coal, oil and natural gas), alternative fuels (biodiesel, electricity, ethanol, hydrogen, methanol, propane and P-Series) and recycling (plastic, glass, aluminum, paper and oil) all are presented in this presentation. Students will gain a respect and clear understanding of our environment and the many important issues surrounding energy consumption.

**Media:** CD-ROM(PowerPoint® Presentation)

**Length :** 36 Slides **Price:** \$103,000



## Collection & Preservation of Insects

**Item #:** E-023

Learn why, how, where and when to collect insects. The featured expert identifies necessary equipment and demonstrates techniques for using it to obtain insects. Viewers also learn humane killing techniques; how to preserve specimens in alcohol, on slides and on pins; how to use spreading boards; to enter data; and recommended storage containers. A supplement is included. **Length:** 23 min.

**Media:** DVD **Price:** \$127,000



## Insect Metamorphosis & Structure

**Item #:** E-024

The program focuses on the structure of insects: body, head, thorax, abdomen, leg and wing. Aspects of four types of metamorphosis (none, gradual, incomplete and complete) are shown, noting differences in the insect's size and form after each molt. Microscopic views of important mouthparts, antennae and wings help illustrate concepts. Specific insects are used to help illustrate identification of concepts and structures: exoskeleton (carpet beetle), metamorphosis (silverfish, grasshopper, dragonfly, butterfly), body (cockroach, flea, walkingstick, lady beetle), head (sphinx moth) and wing (green stink bug). A supplement is included. **Length:** 22 min.

**Media:** DVD **Price:** \$127,000



## ID & Classification of Insects

Item #: E-025

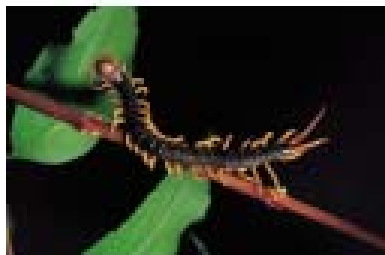
Focusing on the scope and role of insects in the animal kingdom, the educational videotape provides viewers with the knowledge to enable them to identify and classify hundreds of insects. The instructor explains the purpose and work of entomologists and the importance- both beneficial and destructive- of insects within the environment. The expert demonstrates how to use characteristics and structures to identify insects for up to four classification levels. He uses both the pictorial and dichotomous taxonomic keys to identify insects. A supplement is included. **Length:** 25 min **Media:** DVD **Price:** ₩127,000



## Arthropod ID

Item #: E-026

Students learn identification characteristics for ticks, mites, spiders, and scorpions. The featured expert illustrates members of five classes and eight orders to help viewers identify such familiar arthropods as the Brown recluse spider, black widows, Lone Star tick, scorpions, daddy-longlegs and pillbugs. Size, color and unique characteristics (mouthparts, antennae, legs and body parts) are provided. A 5-question pre-test and a 25-question final quiz are included on the video. Specific arthropods shown include: Lone star tick, fowl tick, spider mite, black widow, brown recluse, crab spider, black and yellow argiope, wolf spider, jumping spider, scorpion, whipscorpion, windscorpion, sunscorpion, sunspider, harvestmen, daddy-longlegs, pseudoscorpion, pillbug, sowbug, millipede and centipede. A supplement is included. **Length:** 20 min. **Media:** DVD **Price:** ₩89,000

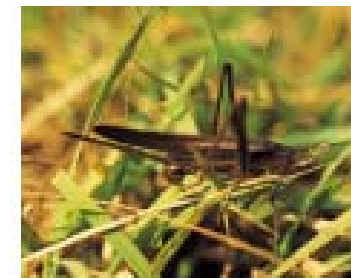


## Practice Insect ID I

Item #: E-027

Check your identification skills with this video that presents four practice classes, each containing 10 mixed insect specimens. The insects presented are from the following orders: Collembola, Thysanura, Ephemeroptera, Odonata, Plecoptera,

Lepidoptera, Orthoptera, Blattaria, Mantodea, Phasmida, Isoptera, Phthiraptera, Thysanoptera, Hemiptera, Homoptera, and Neuroptera. After each class, an identification key shows the insect briefly and gives its scientific and common name. **Length:** 18 min. **Media:** DVD **Price:** ₩89,000



## Practice Insect ID II

Item #: E-028

Sharpen your students' identification skills with these four practice 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 following each practice class provide the common and scientific name of each specimen. **Length:** 20 min **Media:** DVD **Price:** ₩89,000



## Insect ID

Item #: E-029

Live-action video of two dozen orders of insects and their corresponding common species is provided. Identifying characteristics (mouth parts, antennae, and other unique features) are outlined. The following orders are just a few discussed: Collembola, Blattaria, Neuroptera, Homoptera and Diptera. Learn why all insects are bugs, but not all bugs are insects. View footage of some of the most well known insects combined with some of the most specialized species in the world. A supplement is included. **Length:** 65 min **Media:** DVD **Price:** ₩127,000



## **Pest ID CD-ROM**

**Item #:** E-030

Contains 160 slide photos allowing students to identify pests (insects, deer, mice, rabbits, birds and others) through visual and descriptive characteristics, including both larva and adult stages of most insects. Students can request to hear correct pronunciations of scientific names and can test their identification skills through quizzes. Search by common or scientific name, phylum, class, order or description.

**Media:** CD-ROM **Price:** ₱187,000



## **Principles of Interiorscape Design**

**Item #:** E-031

Plants are used to enhance surroundings, screen views, direct traffic and soften lines in homes, businesses, restaurants and shopping malls. Learn basic design principles to create interesting and functional interior plantings. Explore the use of line, form, texture and color in selecting indoor plants. **Length :** 25 Slides

**Media:** CD-ROM (PowerPoint® Presentation)

**Price:** ₱89,000



## **Principles of Floral Design**

**Item #:** E-032

Would you like to create floral designs and arrangements similar to those of a florist? This Microsoft® PowerPoint® presentation focuses on the design principles used to create professional looking floral designs. Colorful pictures illustrate different design forms. Topics include rhythm, balance, harmony, proportion, emphasis and unity. The use of line, texture, color and form in floral design are presented.

Collaborator: Sandra Balch, Ph.D. **Length :** 27 Slides

**Media:** CD-ROM (PowerPoint® Presentation) **Price:** ₱96,000



## **History of Floral Design**

**Item #:** E-033

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 Microsoft® PowerPoint® presentation, students learn floral design styles of different historical periods. Students observe how early cultures and civilizations have influenced modern floral design styles. Collaborator: Sandra Balch, Ph.D.

**Media:** CD-ROM (PowerPoint® Presentation)

**Length :** 30 Slides **Price:** ₱96,000



## **Inventory & Storing Plants**

**Item #:** E-034

Maintaining accurate inventory records is vital for planning production schedules and costs. This presentation focuses on the use of inventory records to make management and marketing decisions for the sale of greenhouse crops. Properly storing plants, in order to maintain high quality also is addressed.

**Media:** CD-ROM (PowerPoint® Presentation)

**Length :** 28 Slides **Price:** ₱96,000



## **Techniques in Flower Judging**

**Item #:** E-035

Experience gained in flower judging, staging and giving reasons helps students excel in all aspects of the floriculture industry. Judging terms are explained and illustrated: clarity, intensity, color, uniformity, size, proportion, form, condition, stem/foilage and bloom. Typical contest formats are explained. Viewers learn what to look for when staging fresh flowers and potted plants, and they are shown how to judge classes. Tips on taking notes and giving reasons for assessments are fully explained and then demonstrated by placing a class of fresh flowers. A supplement is included.

**Media:** DVD **Length:** 24 min.

**Price:** ₱75,000



## Post Harvest Care of Cut Flowers

**Item #:** E-036

The floral industry loses millions of dollars each year due to damaged flowers workers must throw away. Prevent such loss by understanding the special care fresh flowers need during harvest, shipment, storage, delivery to the retail store and storage until customers purchase them. Physical handling, temperature control, stem and flower protection and proper wrapping are illustrated. Excellent instruction for all workers in the fresh flower industry. A supplement is included. **Length:** 15 min

**Media:** DVD **Price:** ₩120,000



## Fundamentals of Competitive Flower Arranging

**Item #:** E-037

Illustrates the importance of "staging," or evaluation and placement of cut flowers by the contest entrant. The demonstrations and discussions include tools needed, fitting and shaping the foundation, selecting foliage and greenery, selecting and placing the flowers and selecting and using filler. Viewers are given many helpful tips, such as how to place the entry for judging. The demonstrations will enhance every aspect of a floriculture curriculum. A supplement is included. **Length:** 11 min.

**Media:** DVD **Price:** ₩75,000



## Fundamentals of Corsage Making

**Item #:** E-038

Advice and demonstrations are given concerning tools needed, fitting and shaping the foundation, selecting foliage and greenery, developing the background, selecting and placing the flowers and selecting and using filler items. Additional instruction is given in feathering, ribbon selection, bow construction, entry presentation and more. A supplement is included.

**Length:** 11 min **Media:** DVD .

**Price:** ₩75,000



## Careers: Plant Your Future

**Item #:** E-039

Meeting the challenge of feeding our world's growing populace will require professionals trained in many sciences. Join this fast-paced tour of the diverse industry known as plant science. You'll explore career opportunities in genetics, biotechnology, agronomy, physiology, biochemistry, pathology, entomology, soil science, computer science, production, management, education and more. A supplement is included. **Length:** 13 min

**Media:** DVD **Price:** ₩75,000



## Flower ID CD-ROM

**Item #:** E-040

View up to 100 full-color photos as identification skills are increased. Learn about flowers through visual and narrative description and characteristics (size, color, season, type, uses). Test memorization powers with random-access quizzes, which means you will not take the same quiz twice. Hear correct pronunciations, zoom in for a close-up of special features and search by scientific or common name.

**Media:** CD-ROM **Price:** ₩187,000



## Landscape Plant ID: Trees

**Item #:** E-041

Nineteen trees are shown, accompanied by an evaluation, identifying characteristics, propagation techniques, environmental enemies, plant culture and uses. The following trees are discussed: river birch, pecan, redbud, flowering dogwood, Russian olive, green ash, thornless honeylocust, althea, crape myrtle, sweet gum, Gullbay (Southern) magnolia, Japanese black pine, American plane tree (sycamore), mesquite, Bradford pear, red oak, live oak, bald cypress and American elm. A supplement is included. **Length:** 21 min.

**Media:** DVD

**Price:** ₩97,000



## Horticulture Plant ID: Floral

Item #: E-042

Knowledge valuable to students, landscape specialists and home gardeners is provided through close-up views and in-depth evaluation of 18 common floral plants. An experienced horticulturist discusses the scientific name, common name, identifying characteristics, propagation techniques, environmental enemies, specific culture and uses of the plants. The following floral plants are shown: snapdragon, wax begonia, common camellia, florists' chrysanthemum, carnation, gardenia, transvaal (Gerber) daisy, gladiolus, Easter lily, phalaenopsis orchid, common garden geranium, azalea, hybrid tea rose, kalanchoe, African violet, leatherleaf fern, gloxinia and calla lily. A supplement is included. **Length:** 26 min.

**Media:** DVD **Price:** ₩97,000



## Horticulture Plant ID: Foliage

Item #: E-043

A wide variety of foliage plants are discussed, providing interest for the horticulture student and home-grower alike. Evaluations and close-up views of 22 foliage plants are surveyed as a horticulturist provides the scientific name, common name, identifying characteristics, propagation techniques, environmental enemies, specific culture and uses of the plant. Foliage plants shown include 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, Swedish ivy, sanseveria, English ivy, heartleaf philodendron, Boston fern and wandering Jew. A supplement is included. **Length:** 35 min.

**Media:** DVD **Price:** ₩97,000



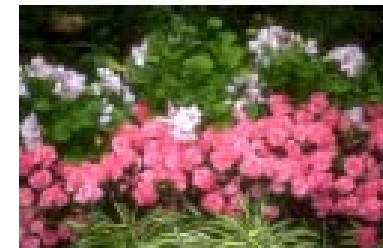
## Practice Landscape Plant ID

Item #: E-044

Thirty-nine different specimens of ground covers, shrubs and trees are presented in four identification classes for skill improvement. Viewers will see a wide shot of each specimen and a close-up view of any distinguishing characteristics displayed, such as leaves, flowers, fruit, bark and seed pods.

Ground covers and shrubs include glossy abelia, bugelweed, Brazil bougainvillea, common boxwood, winged Euryonymus, English ivy, Chinese holly, Japanese holly, yaupon, dwarf phytolaja juniper, creeping juniper, Japanese privet, Hall's Japanese honeysuckle, heavenly bamboo, common oleander, green pittosporum, firethorn, Indian hawthorne, Asian jasmine, and Chinese wisteria. Trees shown include river birch, pecan, redbud, flowering dogwood, Russian olive, green ash, thornless honeylocust, althea, crape myrtle, sweet gum, Gullbay (Southern) magnolia, Japanese black pine, American plane tree (sycamore), mesquite, Bradford pear, red oak, live oak, bald cypress and American elm. An identification key is provided after each class.

**Media:** DVD **Length:** 33 min. **Price:** ₩74,000

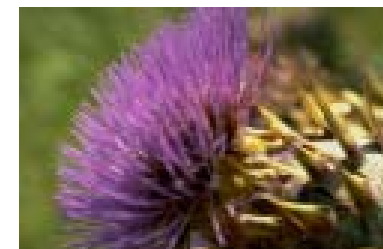


## Practice Horticulture Plant ID

Item #: E-045

Students will improve their floral and foliage identification skills with this challenging videotape that includes 40 specimens of horticulture plants within four classes. A close-up view of each plant's leaves, flowers and stem is presented. After each class, an identification key gives each specimen's common and scientific name. Floral plants in the practice tape include: snapdragon, wax begonia, common camellia, florists' chrysanthemum, carnation, gardenia, transvaal (Gerber) daisy, gladiolus, Easter lily, phalaenopsis orchid, common garden geranium, azalea, hybrid tea rose, kalanchoe, African violet, leatherleaf fern, gloxinia, and calla lily. Foliage plants in the practice tape include: 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, Swedish ivy, sanseveria, English ivy, heartleaf philodendron, Boston fern, and wandering Jew. **Length:** 33 min.

**Media:** DVD **Price:** ₩74,000



## Building Construction: Basic Site Evaluation

Item #: E-046

A site evaluation can prevent costly mistakes when considering property for a home or business. In the video, an educator with more than a decade of experience demonstrates techniques for assessing site capabilities such as soil texture, topsoil erosion, standing water, wildlife, traffic and utilities accessibility. He also explains how to anticipate problems and consider solutions to less-than-ideal sites. Using 3-D computer graphics, the featured expert illustrates concepts-including slope, shrink/swell capacity, solar orientation and prevailing winds-that are often difficult to demonstrate in a classroom setting.



A supplement is included. **Length:** 34 min

**Media:** DVD **Price:** ₩148,000

## Building Construction: Basic Surveying

Item #: E-047

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



**Media:** DVD **Length:** 40 min. **Price:** ₩148,000

## Building Construction: Basic Site Development

Item #: E-048

An experienced instructor explains the step-by-step processes involved in developing land for a home or business. Graphics and visual effects help illustrate the concepts as you travel to various sites. You will observe pre-construction practices, such as preparing public roads, providing for drainage, leveling the site and installing utility lines. You will briefly view various stages of residential construction: pouring the slab, framing, roofing, completing the walls, bricking the outside and landscaping. In addition, you will examine developmental issues, such as zoning classifications, urban sprawl and land usage.



A supplement is included. **Length:** 27 min

**Media:** DVD **Price:** ₩148,000

## Careers: Architecture & Construction

Item #: E-049

Learn what the architecture and construction career field can offer you. See why more than eight million Americans choose this field. Professionals will show you why they became an architect, drafter, surveyor, landscape architect and construction professional. A supplement is included.

**Length:** 23 min.

**Media:** DVD **Price:** ₩148,000



## Plant Structures & Functions

Item #: E-050

Although tremendous diversity exists among plants, they have common structures and functions. This Microsoft® PowerPoint® presentation exposes students to the basics of plant structures- such as stems, leaves, roots, flowers, fruits and seeds-functions and terminology. Pictures and diagrams illustrate leaf types, shapes, margins, arrangement, venation, parts of the flower and other useful characteristics.

**Media:** CD-ROM (PowerPoint® Presentation)

**Length :** 38 Slides **Price:** ₩118,000



## Graphic Design Tools

Item #: E-051

Whether you are creating a floor plan for a home or a site sketch for the landscape, selecting the right tools for the job is imperative. A variety of design tools are used to produce a quality drawing and effectively communicate information and ideas to the client. This presentation describes various drawing instruments: T-squares, triangles, templates, measuring scales and drawing papers. Information about line weights and pencil lead types also is included. **Length :** 27 Slides

**Media:** CD-ROM PowerPoint® Presentation

**Price:** ₩89,000



## Landscape Site Analysis

**Item #:** E-052

Before starting a landscape project, it is necessary to consider many factors. A site analysis provides a detailed study of the site and existing conditions. This Microsoft® PowerPoint® presentation addresses gathering information on climate, sun, exposure, slope, soils, existing structures, utilities, easements, traffic patterns and other factors influencing residential or commercial landscape projects. Collaborator: Sandra Balch, Ph.D. **Length :** 20 Slides

**Media:** CD-ROM(PowerPoint® Presentation) **Price:** ₩89,000



## Plant Classification

**Item #:** E-053

There are thousands of species in the plant kingdom. This Microsoft® PowerPoint® presentation helps students learn different methods of classifying plants into useful and functional groups. Topics include scientific classification, life cycle, growth habit, form, horticultural use, landscape use and economic use. Collaborator: Sandra Balch, Ph.D. **Length :** 20 Slides

**Media:**CD-ROM(PowerPoint® Presentation)

**Price:** ₩96,000



## Naming Plants Scientifically

**Item #:** E-054

The ability to recognize plants and learn their scientific names is an important part of most agricultural careers. In this Microsoft® PowerPoint® presentation, students learn the importance of using scientific names and are shown how to write them correctly. They will learn about Carolus Linnaeus and the system of binomial nomenclature. Terminology is given for successfully communicating plant information. Collaborator: Sandra Balch, Ph.D. **Length :** 20 Slides

**Media:** PowerPoint® Presentation **Price:** ₩96,000



## Landscape Design

**Item #:** E-055

Hosted by Jim Harrigan, this highly-rated subject, now in easy-to-use DVD format, involves professional collaborators Linda Shotwell of Landsystems, Rick Matthew of Madrow Landscapes and Ted Elder of Elder & Elder Ltd. They demonstrate multiple subject disciplines.

With instant access to a chapter at any moment with a mere push of a button, this DVD delves into the profession, site analysis, inventory, evaluation, plans, design programs and diagrams in three major topic areas: What is Landscape design?, The Process and The Presentation. This teacher-friendly DVD can be viewed via a DVD-ROM drive on a computer or on a DVD player and a TV. It contains printable objectives, quizzes, handouts, suggested activities and other materials, along with hyperlinks to subject matter websites and a bonus sample of the bilingual Landscape Power Tools DVD. Comprehensive and visually attractive demonstrations, easily understood discussions and narration fill each section. This resource is a necessity when it comes to teaching students all levels of Landscape Design as a profession. Collaborators: Stephen Angley, California Polytechnic University; Lynn Mosher, L&L Landscape Services. 93 min, 3 sections, 4 printable resources and 10 web resources. **Length:** 93 min

**Media:** DVD **Price:** ₩175,000



## Art of Landscaping

**Item #:** E-056

Increase students' level of learning the Art of Landscaping with this on-site field trip hosted by Howard Garrett, author and Landscape Architect. He shares his secrets of the professional landscape design process including buying, planting, construction and maintenance to create a home landscape. Topics include working with a budget, site analysis, demolition plans, layout and grading plan, planting plan, irrigation plans, lighting plans, dimensional drawings and more. Enjoy a shopping trip to a nursery to select healthy plants for specific projects. Learn to evaluate plants, organic soil amendments, growing media and other factors of the buying experience. Watch proper planting techniques for trees, shrubs, grasses, groundcovers, vines, flowers and container plants. Collaborator: Judy Garrett. 112 min, 6 sections, 5 printable resources and 5 web resources.

**Length:** 112 min

**Media:** DVD **Price:** ₩117,000



## Building Construction: Site Surveying & Development

Item #: E-057

In this DVD, expert Dr. Doug Ullrich, Jr., of Sam Houston State University will teach students about basic masonry, basic site evaluation, basic surveying and basic site development. Students will learn equipment identification, safety procedure and masonry techniques as he demonstrates how to build a brick wall and a block wall. Students will follow along as he selects the building material, sets up guide lines, mixes mortar, "butters" the bricks and blocks, lays row and explains clean-up procedures for building these standard structures. Using 3-D computer graphics, evaluation and surveying concepts are illustrated as the expert discusses equipment, field notes and other data collection and data analysis techniques. Students will observe pre-construction practices, view various stages of residential construction and examine developmental issues. 101 min, 3 sections, 3 printable resources and 17 web resources.

Media: DVD Length: 101 min Price: ₩175,000



## Landscape Power Tools

Item #: E-058

With this teacher-friendly DVD being multilingual and easily accessible to any section instantly at any point in time with a push of a button. Subject matter includes: safety, pre-start checks, starting, operating, refueling and routine maintenance for five common landscaping power tools (power shears, rotary mower, rotary edger/trimmer, string trimmer and power blower). It can be viewed via a DVD-ROM drive on a computer or on a DVD player and a TV. Additional materials include printable supplements for all subjects covered, Internet connectivity to web sites and two bonus samples of the scaffolding presentations and multimedia teaching. Comprehensive, understandable demonstrations in each chapter are visually detailed with the viewer's choice of English or Spanish narration. Use this resource to teach bilingual and monolingual students at the same competency level. Collaborators: Stephen Angley, California Polytechnic University; Lynn Mosher, L&L Landscape Services. 70 min, 5 sections, 5 printable resources and 9 web resources.

Media: DVD Length: 70 min.

Price: ₩292,000



## Horticulture A to Z

Item #: E-059

This CD-ROM details all plants commonly studied, including woody and herbaceous plants; so, this single volume should serve students throughout their studies. It is easy-to-use with a user-friendly list manager to organize plant lists and create your own plant lists. Includes botanical name pronunciation, with family names, botanical plant names and common names with extensive common name cross references. Plant identification and extensive printing options are some of the many useful features of this new interactive tool.

Media: CD-ROM Price: ₩150,000

## Techniques in Plant ID

Item #: E-060

Learn the basics of plant identification with the logical presentation of foliage, stems, branches, flowers, scents, fruit, growth habits and more. Viewers discover techniques, such as mental exercises and memorization tricks, for learning common and botanical names, and they see how botanical names are interpreted. Then, viewers are challenged to identify dormant deciduous plants. A supplement is included. Collaborator: Thomas E. Eltzroth, California Polytechnic State University. Length: 27 min

Media: DVD. Price: ₩127,000



## Plant Selection

Item #: E-061

Whether faced with bare soil at a new home construction site or redesigning an established yard, the program will help you make the correct landscaping decisions. Discover how to select plants for specific functions, locations and environmental considerations, including the safety of those who will be enjoying the landscaping. The video also shows the many resources available to fine-tune selections to your own region and needs. A supplement is included. Length: 23 min

Media: DVD Price: ₩120,000



## Bedding Plant Production

**Item #:** E-062

An economic giant typically growing less than 12 inches tall, bedding plants are the foundation of most commercial greenhouses. The program details the procedures needed to grow and market annual and biennial bedding plants. Learn types and uses of bedding plants, seed selection, preparing the growing media, sowing seed, transplanting and nurturing the plants. The featured expert explains how to monitor the plants and provides tips about disease prevention. A supplement is included. **Length:** 27 min. **Media:** DVD. **Price:** ₩120,000



## Foliage Plant Production

**Item #:** E-063

Details of the commercial production of foliage plants are offered in the presentation. You will learn about production facilities, equipment used, propagation methods, production media and growing the foliage plants. Demonstrations of conventional flat propagation and direct stick propagation are shown. A supplement is included. **Length:** 28 min **Media:** DVD. **Price:** ₩120,000



## Potted Plant Production

**Item #:** E-064

Potted plants offer year-round production and relatively high profit margins for the commercial greenhouse. Join our host as he takes a thorough look at the attractive area of the horticulture industry. Sections of the video are devoted to facilities and buildings, marketing, crop selection and general guidelines for plant production, such as propagation methods, growing in flats, transplanting to individual pots, and hardening off. The special concerns of photoperiodic plants, bulbs and gesneriads are illustrated. A supplement is included. **Length:** 29 min. **Media:** DVD **Price:** ₩120,000



## Field Grown Plants

**Item #:** E-065

Examine the two major types of field-grown woody plants-bare root and balled/burlapped. See why climate, land and quality of product make field-grown plants a preference in commercial production. See how woody plants are propagated in the field (cuttings and grafting are shown) and in combination with container methods, especially for the production of landscape specimen trees. A supplement is included. **Length:** 32 min **Media:** DVD **Price:** ₩120,000



## Container Grown Plants

**Item #:** E-066

Viewers follow the steps involved in producing container plants at a large wholesale nursery. First, the host introduces the many nursery support facilities, such as administration, marketing and the growing areas. The viewers briefly watch plant production procedures: propagation (seed, cuttings, grafting, tissue culture), misting and indoor/outdoor growing areas, transferring to pots, hardening off, pest control, pruning and preparing for shipment. A supplement is included. **Media:** DVD **Length:** 29 min. **Price:** ₩120,000



## Elements of Pruning

**Item #:** E-067

Pruning enhances the beauty, directs the shape, promotes health and encourages new growth and better flowers and fruit. Learn how to use apical dominance, direction of bud growth and desired outcome to help make the following pruning cuts: pinching, heading back, thinning out, shearing and limb removal. Then, see how to prune ornamental trees, hedges, bush roses, conifers and flowering shrubs. Also, learn about types, uses and maintenance of common pruning tools. A supplement is included. **Length:** 26 min. **Media:** DVD **Price:** ₩120,000



## Advanced Pruning

**Item #:** E-068

Discover the effect of apical dominance and learn how pruning influences plant growth, basic tree forms and pruning needs at planting time. You will also see methods that rejuvenate old trees and shrubs. Pruning techniques for conifers, hedges and deciduous fruit trees are demonstrated. A supplement is included.

**Media:** DVD **Length:** 23 min.

**Price:** \$120,000



## Pruning Roses

**Item #:** E-069

Because their blooms are produced on the current year's growth, roses need pruning both in the dormant and growing season. You will understand why and when to prune roses, the tools to use, how to make proper cuts and general pruning tips. Then, specific pruning guidelines are given for hybrid tea, grandiflora, floribunda, miniature, tree, species and climbing roses. A supplement is included.

**Media:** DVD **Length:** 16 min.

**Price:** \$90,000



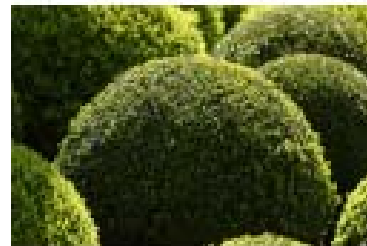
## Pruning Informal & Formal Hedges

**Item #:** E-070

Pruning helps control size and shape, maintains vigor, encourages new growth and improves the bloom display of hedges. The program explains how hedges are used, tools for pruning informal and formal hedges, and the proper time to prune spring and summer blooming hedges. The expert shows you how to prune vase-type and frame-type informal hedges and how to establish a boundary to shape flat-plane formal hedges. A supplement is included.

**Media:** DVD **Length:** 12 min.

**Price:** \$90,000



## Landscape Design: Introduction

**Item #:** E-071

The host defines the profession of landscape designer, then, explores, the artistic principles (repetition, balance, unity, dominance, scale) and artistic elements (form, texture, line, color) used in landscape design. Also discussed are the scientific and technical knowledge and skills used by landscape designers. A supplement is included.

**Length:** 19 min. **Media:** DVD **Price:** \$127,000



## Landscape Design: Design Process

**Item #:** E-072

Viewers follow a landscape designer as she meets with a homeowner and then plans and implements ideas for a new residence. The designer illustrates and explains the five steps in the design process: site analysis, design program, schematic diagram, plan development and project installation. She stresses the three cornerstones of her profession: professional knowledge and ability, effective communication with the client, and competent interaction with subcontractors. A supplement is included. **Length:** 26 min. **Media:** DVD

**Price:** \$127,000



## Landscape Design: Presentation Techniques

**Item #:** E-073

Viewers will better understand the complexities of presenting ideas for landscape design after listening to a garden designer, landscape contractor and landscape architect. Designers show and explain what drew them to the field, skills needed to perform their tasks, and rewards and challenges of their profession. Students see design presentations ranging from a single sheet diagram for a garden project to a park rehabilitation project involving up to 40 sheets of drawings and documentation, costing millions of dollars, and taking four years to complete. A supplement is included.

**Length:** 31 min. **Media:** DVD

**Price:** \$127,000



## The Art of Landscaping: Design

Item #: E-074

The host shares his secrets of professional landscape design, pre-design considerations, conceptual design and design development. Topics include working with a budget, site analysis, layout, irrigation, grading, lighting, planting plans, dimensional drawings for construction and more. A supplement is included. Collaborator: Howard Garret, Landscape Architect.

Length: 52 min.

Media: DVD Price: ₩127,000



## The Art of Landscaping: Shopping & Planting

Item #: E-075

Join a landscaping architect on a shopping trip to a nursery to select plantings for his projects. The featured professional explains how to evaluate the plants being offered, as well as the soil or growing media and other factors of the buying experience. Viewers will watch planting techniques for trees, shrubs, grass, groundcovers, vines and flowers, as well as container plantings (pot and hanging basket).



Collaborator: Howard Garret, landscaping architect.

Media: DVD Length: 60 min Price: ₩127,000

## Landscaping with Container Plants

Item #: E-076

Container plants are widely used in residential and commercial landscapes. Learn the uses of container plants, how to select the right container, how to match the plants to the container and their intended use within the landscape design. Selecting and maintaining the plants and creating seasonal displays are emphasized. A supplement is included.

Length: 26 min

Media: DVD Price: ₩127,000



## Diseases of Landscape Plants

Item #: E-077

Use the information in the program to understand the main causes of plant diseases and maintain the health and vigor of landscape plants. View clear examples of fungi, bacteria and viruses, as well as environmental causes affecting the health of plants. Learn how to become a "plant doctor" by looking for symptoms of ailing plants and then locate the right treatment. Disease prevention is emphasized. A supplement is included.

Length: 17 min.

Media: DVD Price: ₩127,000



## Growing Media for Landscape Plants

Item #: E-078

The soil in most yards needs help to produce the kind of landscaping we see on TV garden shows. Professional landscapers use growing media to aerate typical soils, supply nutrition and support plantings. The presentation helps you understand growing media so you can create soils custom-blended for your region and types of plants. You will also see how to manage the improved soil to obtain optimum results. A supplement is included.

Length: 28 min

Media: DVD Price: ₩127,000



## Fertilizing Landscape Plants

Item #: E-079

Keep plants healthy and resistant to pests and disease by making sure they have the proper nutrients. Discover why plants need nutrients added to the soil, how plants use the nutrients in fertilizer and the different types and compositions of fertilizer. Learn how to select the right fertilizer for your plants, the best times to apply fertilizer and the correct way to apply the fertilizer. A supplement is included.

Length: 27 min

Media: DVD Price: ₩127,000



## Planting Trees and Shrubs

Item #: E-080

The presentation explains the importance of selecting the right plants for your region and for the desired purpose, preparing the site, using good planting techniques and giving follow-up care. Learn how to install plants available at most garden centers— bare root, container and balled and burlapped. You also will see the proper way to stake a tree. A supplement is included.



Media: DVD Length: 26 min. Price: ₩127,000

## Planting Herbaceous Plants & Groundcovers

Item #: E-081

Annuals, biannuals, perennials, bulbs and groundcovers are the non-woody plants that form the changing palette in our landscaping design. Learn how to select the right plants, prepare the soil and install and maintain the plantings. The featured expert explains special soil amendments, fertilizers, planting depths, mulches and after-care for each of the five herbaceous types. A supplement is included. Length: 26 min.



Media: DVD Price: ₩127,000

## Landscape Maintenance Management

Item #: E-082

Are you thinking about beginning your own landscape operation? Watch this program to explore technical as well as business aspects of such an endeavor. Important aspects of business are explained: typical tasks your company will be expected to perform, the importance of communication with personnel and with clients, seasonal schedules, irrigation systems, equipment and chemicals used, safety concerns, landscape renovation and design, caring for the plants and lawn areas, pruning tips, and much, much more. See if you have what it takes to succeed in this interesting vocation. A supplement is included.



Media: DVD Length: 28 min. Price: ₩127,000

## Estimating for Landscape Maintenance

Item #: E-083

Accurate estimating is vital to running a successful landscaping business. Go through the process as a landscape manager visits with a prospective client during the walk-through phase. Discover how to estimate expenses (using “full take-off” and “comparison” methods) for such financial concerns as cost of items, overhead, start-up costs, subcontractors’ fees, production time, labor costs and equipment unit prices. The landscaper then decides which features need to be in a separate bid, such as trees more than 15 feet tall, and creates a final bid for the project. A supplement is included. Collaborator: Steven Angley, California Polytechnic State University. 24 min.



Media: DVD Price: ₩127,000

## Landscape Tools: Use & Safety

Item #: E-084

Choosing the right tool for the job not only makes the job easier but safer! Learn what you need to know about tool selection, personal protection equipment to wear while using the tools, tool care and storage. Tools demonstrated include shovels (i.e., round point, square point, scoop), rakes, forks, cultivators, hoes, railroad picks and mattocks. A supplement is included.



Collaborator: Michael D. Zohns, California Polytechnic State University. 24 min.

Media: DVD Price: ₩127,000

## Landscape Irrigation Maintenance & Troubleshooting

Item #: E-085

Begin with an overview of the operation and maintenance of irrigation systems, then learn about sprinkler heads and drip emitters, pipes and fittings, field control wires and hydraulic tubing, valves, backflow prevention devices, mainlines and points of connection and controllers. Utilizing a systematic approach to troubleshooting with the visual aid of a flowchart, you will learn step-by-step methods to uncover and control problems. A supplement is included. Length: 26 min. Media: DVD



Price: ₩127,000

## Professional Turf Management

Item #: E-086

Turf is not just grass, and it takes a good education and varied practical experience to become a turf specialist. Start with understanding how turf grasses grow and the demands of the specific site, then, learn about common types of turf grasses, mowing, irrigation, soil fertility, fertilization, cultural practices and weed/disease/pest control. A supplement is included.



Media: DVD Length: 27 min. Price: \$127,000

## Pesticide Safety: Minimal Risk to the Environment

Item #: E-088

Although pesticides are valuable allies in the control of pests that destroy crops, we don't want to exchange this benefit for environmental damage through their use. In the presentation you will explore the types and uses of pesticides, handling procedures (such as label contents and poisoning first aid) and caution around nontarget organisms, such as beneficial crop insects. Also discussed are laws, regulations and warnings (verbal and posted) that should be followed when applying pesticides. A supplement is included.



Length: 27 min.

Media: DVD Price: \$142,000

## Pesticide Safety: Minimal Risk to the Applicator

Item #: E-089

Explains the uses of insecticides, herbicides and fungicides in integrated pest management (IPM) programs. The featured expert addresses eight major areas that reduce risk to the applicator: management/employee responsibilities; label information; protective clothing; pesticide storage; mixing and load; application; disposal; and accident response procedures. Through a dramatization, viewers are able to "take part" in all eight areas. A supplement is included. 38 min.



Media: DVD Price: \$142,000

## Pesticide Safety in the Landscape

Item #: E-090

Investigate whether your plant problem is best solved by the use of a herbicide (kills weeds), a fungicide (prevents or helps cure plant diseases) or an insecticide (kills or repels insects). Emphasis is placed on carefully reading the pesticide label for warnings, toxicity and precautions; wearing the proper safety gear; correct mixing and application techniques; and proper storage and disposal. A supplement is included. Length: 29 min



Media: DVD. Price: \$127,000

## Herbicide Use & Safety in the Landscape

Item #: E-091

Herbicides are typically used to kill weeds that compete with food crops for moisture and nutrients. The two-part video title provides a thorough understanding of herbicides and their applications. The first presentation defines terms and concepts needed to make safe and appropriate decisions concerning herbicides to use in the landscape. The second presentation reviews application equipment and illustrates specific landscape problems that can benefit from applications of herbicides. A supplement is included. 51 min.



Media: DVD . Price: \$142,000

## Power Blower

Item #: E-092

The presents procedures for maintenance, safety and operation of power blowers. You will learn about the proper equipment to wear, pre-operation safety check and proper starting procedures. The right way to use the blower, cool-down procedures, and fueling procedures for 2-cycle engines are covered. In addition, you will see how to clean the equipment, wash the foam air filter and check the spark plug. A supplement is included. 11 min.



Media: DVD Price: \$97,000

## Rotary Edger/Trimmer

Item #: E-093

Keeping lawn edges crisp and neat requires a rotary edger/trimmer in good working order. Teach students how to keep the valuable tool in top shape with the videotape that details proper maintenance, safety and operation. Viewers are shown safety precautions and equipment to wear. Then, they see how to perform pre-operational safety checks, adjust the cutting blade, start and use the trimmer.



Routine maintenance techniques demonstrated include greasing the cutter head, washing the air filter, cleaning the housing, checking the spark plug, replacing the blade and changing the oil. A supplement is included. **Length:** 13 min.

**Media:** DVD **Price:** \$97,000

## 21-Inch Rotary Mower

Item #: E-094

Regular mowing affects your lawn's density, vigor, watering needs, weediness and resistance to weather stress. In the video, viewers learn maintenance, operation and safety procedures to achieve the best performance from the common rotary mower. The importance of wearing proper equipment and performing a pre-operational check is emphasized. The working parts of the mower are explained. Also covered are cutting height, mowing patterns, cutting speed, mowing on slopes and cooling the engine before refueling. Routine maintenance tasks shown include keeping air vents clear, cleaning the foam air filter, checking the spark plug, changing the oil (including transmission service for self-propelled models) and sharpening and balancing the blade. A supplement is included. 14 min.



**Media:** DVD **Price:** \$97,000

## Power Shears

Item #: E-095

Whether you prefer the traditional power-cord model or the cordless gas-powered model, both types of power shears, also called hedge trimmers, need the maintenance, safety procedures and operation instructions discussed in the program. Specialized safety equipment to wear is addressed. Then, you will see how to fill the tank, do a pre-operational check, start the shears and operate the shears



safely and efficiently. Routine maintenance tasks demonstrated include cleaning the housing and air filter, checking the spark plug, cleaning the fuel strainer and filter, greasing the gear case, cleaning the clutch shoes and replacing the blades. A supplement is included. 12 min.

**Media:** DVD

**Price:** \$97,000

## String Trimmer

Item #: E-096

The nylon string trimmer can dramatically reduce the time needed for difficult mowing jobs. The video shows how to get the best results from a string trimmer through proper maintenance, safety attention and operation finesse. You will be shown the proper equipment to wear and how to do a pre-operational safety check. Then, you will see how to start, operate, cool down and refuel the trimmer. Routine maintenance tasks shown include cleaning the equipment, cleaning the air cooling system, tightening bolts and screws, lubricating the drive line, cleaning the air filter, checking the spark plug, cleaning the fuel strainer and replacing the string. A supplement is included. 13 min.



**Media:** DVD

**Price:** \$97,000

## Plant ID - I CD-ROM

**Item #:** E-097

With this incredible multimedia resource, students can view 354 photos and read distinguishing characteristics of plants in each of the following areas: annuals, perennials, bulbs, ground covers, lawn grasses, trees, shrubs, vegetables, herbs, fruits and nuts. Zoom in on the photo, request the pronunciation key and quiz yourself on any and all plant sections. In Techniques in Plant Identification, you learn eight general identification techniques for all plants. A "must see" for any botany or horticulture class.

**Media:** CD-ROM

**Price:** ₩187,000



## Plant ID - II CD-ROM

**Item #:** E-098

Enjoy full-color photos as you learn the ornamental features, form and size, light requirements, special features and name derivation of 174 indoor plants. Close-up photography of special features (e.g., leaves, flowers, stems) allows viewers to quickly learn significant identification features. You can request pronunciation of scientific and common names of the plants and search for specific plants by name (botanical or common) or by features, such as light requirement.

**Media:** CD-ROM

**Price:** ₩187,000



## Tree ID

**Item #:** E-099

A champion team coach discusses the remaining two divisions of the Texas State Woodland Clinic Contest: hardwood identification and timber/forage relationships. Students learn key characteristics to help identify 40 different species of hardwood trees,



timber and forage. Close-up shots of bark and leaves of each specimen allow students to see important identifying characteristics.

A supplement is included.

**Length:** 19 min

**Media:** DVD.

**Price:** ₩118,000

## Practice Tree ID

**Item #:** E-100

So much more realistic than flipping through identification booklets! Students can hone their tree identification skills with the visually accurate information given on this videotape that includes 40 hardwood trees and their timber/forage relationships. Viewers are shown close-up shots of each specimen's leaves and bark. Adequate time to examine each specimen is allotted. A key is provided after each of four classes.

**Length:** 25 min.

**Media:** DVD

**Price:** ₩103,000



## Legume & Woody Plant ID

**Item #:** E-101

Identification of range plants is important to ranchers, farmers and field technicians. In the program, viewers are provided with close-up views of six legumes (catclaw sensitivebrier, Illinois bundleflower, prairieclover, scurfpea, showy partridgepea, and white clover) and eight woody plants (blackjack oak, mesquite, plum, post oak, pricklypear cactus, skunkbush, sumac, and yucca). For each plant, viewers learn the length of life (perennial or annual), season of growth, origin, grazing value and reaction to abuse, as well as correct spellings and pronunciations of common and Latin names. A supplement is included.

**Length:** 25 min.

**Media:** DVD

**Price:** ₩74,000



## Careers: Plant & Soil Science

Item #: E-102

Did you know many careers in agriculture exist besides a farmer? The program explains just a few of the jobs available within four major areas: production agriculture, plant and soil research, governmental regulatory agencies and industrial agriculture. Footage of daily activities and interviews with those working in plant and soil sciences highlight the following career specialties: professor of soils, extension agronomist, vocational agriculture teacher, soil conservation service district conservationist and fertilizer retail sales and operational supervisor. A supplement is included. 21 min

Media: DVD

Price: ₱118,000



## Basic Game Management: Ecological Concepts

Item #: E-103

Wildlife has transformed from a major source of meat and clothing to a source of recreation. This presentation explains general concerns in managing wildlife and outlines biological principles forming the foundation of sound management programs. This Microsoft® PowerPoint® presentation explores the basic concepts of the ecosystem, wildlife habitat requirements and general management practices for selected wildlife populations.

Media: CD-R0M(PowerPoint® Presentation)

Price: ₱118,000



## Western Fertilizer Series 1: Soil

Item #: E-104

The best way to feed a plant is to feed the soil, and the program will help you understand this vital growing medium. You will explore the four components of soil (air, water, mineral, organic matter); factors in soil formation (climate, time, living organisms, parent material, topography); features of soil (mechanical, chemical and biological weathering, sizes of particles, textures); and soil

properties-reactions, pH, aeration, acidification and microorganisms. A supplement is included.

Media: DVD

Length: 27 min.

Price: ₱75,000



## Western Fertilizer Series 2: Water and Plant Growth

Item #: E-105

Save money and water by learning how to use wilting percentage, soil condition, tensiometer and electrical resistance blocks to know when to irrigate the crop. Also covered are drip irrigation methods, toxic constituents (boron, chloride, sodium) that can build up in irrigation water and salinity tolerances of field, vegetable, fruit and forage crops. A supplement is included.

Length: 28 min

Media: DVD.

Price: ₱75,000



## Western Fertilizer Series 5: Fertilizers

Item #: E-106

As plants use nutrients, they must be replaced to sustain the current planting and to prepare for the next crop. The presentation explains how plants absorb fertilizers, types and grades of fertilizers (includes micronutrients, secondary nutrients, specialty and organic fertilizers), using the right fertilizer and interactions. A supplement is included.

Length: 28 min.

Media: DVD

Price: ₱75,000



## Western Fertilizer Series 7: Correcting Problem Soils with Amendments

Item #: E-107

Discusses the composition of and problems with acidic, saline and alkaline soils. Explains how adding amendments improves soil composition and lists amendments applicable to the various soils. Amendment equivalent values and liming information for acidic soils are presented. A supplement is included. **Length:** 13 min.

**Media:** DVD **Price:** \$75,000



## Western Fertilizer Series 8: Soil Organic Matter

Item #: E-108

Organic matter binds soil together, captures moisture, encourages living organisms (like earthworms and vital bacteria) and holds nutrients. The video details the benefits of soil organic matter, sources of organic matter (cover crops, manure, crop residue, composts), and waste amendments that improve organic content. You will also see how to make compost. A supplement is included. **Length:** 12 min.

**Media:** DVD **Price:** \$75,000



## Western Fertilizer Series 9: Soil and Tissue Testing

Item #: E-109

Learn how to take a sampling to test the soil for nutrient requirement and pH and salt problems. You will also learn how to analyze plants for their nutritional status, interpret nutrient deficiency guides and evaluate fertilizer effectiveness. Steps for soil analysis (grapes, cotton and tomatoes) and leaf analysis (fruit and nut trees) are demonstrated. A supplement is included. **Length:** 16 min.

**Media:** DVD **Price:** \$75,000



## Western Fertilizer Series 12: Benefits of Fertilizers to the Environment

Item #: E-110

The conscientious use of fertilizers can give us cleaner air, less soil erosion, reduce the pollution of our groundwater and allow us to dispose of degradable wastes. The key is using the right nutrients in the right amount applied at the right time and at the right place. These four factors, as well as fertilizer controls and regulations, are discussed in the enlightening program. A supplement is included. **Length:** 11 min.

**Media:** DVD **Price:** \$75,000



## Western Fertilizer Series 13: Western Laws Relating to Fertilizing Materials

Item #: E-111

Designed especially for those who farm in the Western regions of the United States, the program explains the content and meaning of the Uniform State Fertilizer Bill (individual states may vary) and explores the history of the Association of American Plant Food Control (AAPFC). Fertilizer laws, registration and/or licensing requirements and labeling needs are discussed, as well as inspection fees and tonnage reports, inspections, sampling analysis, violation procedures and label warnings and cautions. A supplement is included. **Length:** 11 min.

**Media:** DVD **Price:** \$75,000



## Behavior of Animals

Item #: E-112

Journey through an in-depth look at the mannerisms of animals and discuss why animals behave in their environment in this Microsoft® PowerPoint® presentation. Lead your students through an interactive presentation while exploring the different learning processes of animals. The presentation directs students to answers about animal behavior, as well as explains why animals' actions may change in different seasons. Guide class discussions with demonstrations about how animals interact and communication with each other.

**Media:** CD-ROM (PowerPoint® Presentation)

**Price:** \$81,000