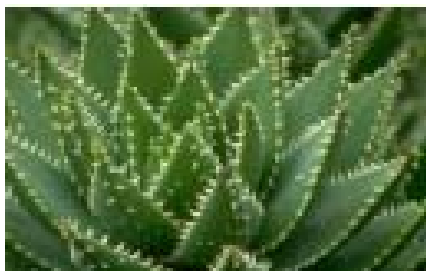


Plant & Hort Science

(CD-ROM, DVD)



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Careers: Agricultural Producers

Item #: P-058

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 #: P-059

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 #: P-060



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 #: P-061

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.



Media: DVD Length: 25 min.

Price: \$127,000

Field Trip: Cotton Production

Item #: P-062



Journey through West Texas and explore where 25 percent of the nation's cotton is grown. See cotton bolls harvested and unloaded at the gin, where they undergo

drying, cleaning, burr and seed removal, batting and baling. In the second part of the video, travel to the American Cotton Growers denim mill where cotton bales are cleaned, combed, spun into yarn, dyed indigo blue and woven into denim fabric. The fabric is then pre-shrunk, rolled and shipped to manufacturers to be made into blue jeans. A supplement is included.

Media: DVD Length: 41 min.

Price: \$127,000

Field Trip: Winery

Item #: P-063



Welcome to Llano Estacado- a winery, which won hundreds of national and international awards and is quickly emerging as a leader in the

Southwest wine industry. On the field trip you will discover just when the grape is ready for picking. Then, follow the process through crushing, skin removal, fermentation and bottling as those grapes are made into one of the finest adult beverages enjoyed here and abroad. A supplement is included.

Media: DVD Length: 21 min.

Price: \$118,000

Field Trip: Cottonseed Oil Mill

Item #: P-064

You wouldn't believe all the uses of cottonseed oil, so we'll show you. Join us at Plains Cooperative Oil Mill, one of the largest processors of cottonseed in the world, averaging 450,000 tons of cottonseed a year. Your tour guide explains the origins of cottonseed oil, extraction procedures, cottonseed hull by-products and their uses, and cottonseed oil cooking characteristics. Watch the processes involved in the production of this versatile and valuable oil. A supplement is included.



Media: DVD Length: 51 min.

Price: \$127,000

Major Crops of the United States

Item #: P-065



The United States had crop production value of \$88.5 billion in 2001, making it the leading agricultural producer in the world. This Microsoft® PowerPoint® presentation provides students a concise summary of the leading crops (i.e., 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, along with planting dates and growing seasons.

Media: CD-ROM(PowerPoint® Presentation)

Length: 25Slides Price: \$103,000

Fundamentals of Forestry

Item #: P-066

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.

Media: DVD Length: 39 min.

Price: \$142,000

Introduction to Biotechnology

Item #: P-067

Biotechnology is one of the fastest growing and most exciting fields in science. Scientists in plant, animal and human medical services discuss examples of cloning and transgenics—the removal and transplantation of genes into other organisms. Explore human tissue and organ replacement, nutrition augmentation in foods, pest and drought resistance for plants, disease treatment and many other possibilities of biotechnology. Students will appreciate the computer-generated imagery and video microscopy, which clearly explains the potentially difficult and abstract concepts of the cell, the nucleus, chromosomes, DNA, genes, mitosis and meiosis. A supplement is included. Collaborators: John Blanton, Jr., Ph.D., Texas Tech University; Randy Allen, Ph.D., Texas Tech University; John Morrow, Jr., Ph.D., Texas Tech University; Ellen B. Peffley, Ph.D., Texas Tech University. 31 min

Media: DVD Price: \$224,000

Plant Structures & Functions

Item #: P-068



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

Plant Classification

Item #: P-069



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.

Media: CD-ROM(PowerPoint® Presentation)

Length: 25Slides

Price: \$96,000

Plant Nutrient Requirements & Productions

Item #: P-070



Elements are essential for a plant's growth. This Microsoft® PowerPoint® presentation explains how chemical and biological processes make

nutrients available to plants. Students learn to recognize nutrient deficiency and toxicity symptoms in plants.

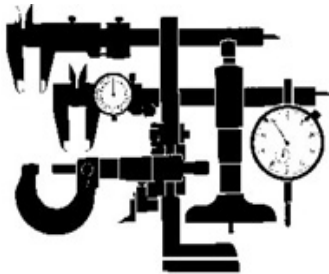
Media: CD-ROM(PowerPoint® Presentation)

Length: 54Slides

Price: ₩126,000

Measurements in Agriculture

Item #: P-071



In the field of agriculture, measurements can be taken in different forms and with different tools. This presentation details the various forms of measurements by detailing the differences between the American and the metric systems,

as well as identifies various tools used for measuring. Students learn how to take dry and wet measurements, as well as how to measure distances, weights, lengths, widths and heights.

Media: CD-ROM(PowerPoint® Presentation)

Length: 28Slides

Price: ₩111,000

Basic Food & Fiber Science

Item #: P-072

Learn, discuss and study the Basic Food Guide Pyramid, the six food groups and fiber science.

This presentation, details the agriculture impacts on those whom eat and illustrates processing procedures and techniques for cotton, wool, silk, leather, hemp and linen. Students will be able to identify the importance and impact these plants have on agriculture and research. After viewing, students will be able to define terms related to food and fiber production, as well as be able to describe plant and fiber industry products.



Media: CD-ROM(PowerPoint® Presentation)

Length: 37Slides

Price: ₩103,000

Pesticides in Agriculture

Item #: P-073

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 the environmental issues in the past three decades leading to current reexamination of pesticide application and risk. Candid interviews help expose the complexity of the issues. The video should be included in every ag-science curriculum. A supplement is included. Collaborators: James Brabeck, Farm Supply Company; Suzanne McCaslin, California Polytechnic State University; Mark Shelton. **Length:** 28 min.

Media: DVD

Price: ₩75,000

Collection & Preservation of Insects

Item #: P-075

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 #: P-076

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 #: P-077

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 #: P-078

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:** \$83,000



Practice Insect ID - I

Item #: P-079

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.

Media: DVD **Length:** 18 min.

Price: \$83,000



Practice Insect ID - II

Item #: P-080

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:** \$83,000



Insect ID

Item #: P-081

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. **Media:** DVD **Length:** 65 min.

Price: \$127,000



Pesticide Safety

Item #: P-082

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



Pest ID CD-ROM

Item #: P-085

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

Inventory & Storing Plants

Item #: P-089

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 #: P-094

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. Length: 24 min.

Media: DVD Price: ₩75,000

Post Harvest Care of Cut Flowers

Item #: P-095

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 #: P-096

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.

Media: DVD Length: 11 min.

Price: ₩75,000

Fundamentals of Corsage Making

Item #: P-097

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 #: P-098

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 #: P-099

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

Field Trip: Tree Farm

Item #: P-100

Go on a different type of "farm" field trip to see how some of nature's most beautiful and useful natural resources are grown and harvested for commercial sale.



At this modern tree farm you'll watch selection, planting, digging, pruning, irrigation, commercial sales and shipping operations. Tree farm workers explain what goes into producing high quality, saleable trees for the Christmas holiday, to line a city avenue or to pick up at your local nursery.

Media: DVD

Length: 24 min.

Price: ₩74,000

Landscape Plant ID: Ground Covers & Shrubs

Item #: P-101

Designed to provide viewers with extensive knowledge of the identification and care of ground covers and shrubs, the videotape



includes close-ups of 20 plants. The featured expert discusses each plant, noting identifying characteristics, propagation techniques, environmental enemies, plant culture and uses. Ground covers and shrubs included: glossy abelia, bugelweed, Brazil bougainvillea, common boxwood, winged Euonymus, English ivy, Chinese holly, Japanese holly, yaupon, dwarf phitzer juniper, creeping juniper, Japanese privet, Hall's Japanese honeysuckle, heavenly bamboo, common oleander, green pittosporum, firethorn, Indian hawthorne, Asian jasmine and Chinese wisteria. A supplement is included.

Media: DVD

Length: 21 min.

Price: ₩97,000

Landscape Plant ID: Trees

Item #: P-102

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.

Media: DVD

Length: 21 min.

Price: ₩97,000

Horticulture Plant ID: Floral

Item #: P-103

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.

Media: DVD

Length: 26 min.

Price: ₩97,000



Horticulture Plant ID: Foliage

Item #: P-104

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

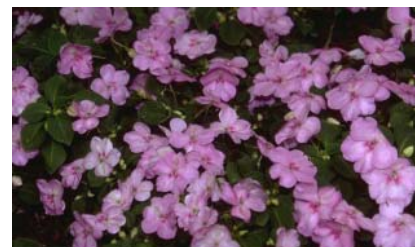
ivy, heartleaf philodendron, Boston fern and wandering

Jew. A supplement is included.

Media: DVD

Length: 35 min.

Price: ₩97,000



Practice Landscape Plant ID

Item #: P-105

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 Euronymus, 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. **Length:** 33 min.

Media: DVD

Price: \$74,000

Practice Horticulture Plant ID

Item #: P-106

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.

Media: DVD

Length: 33 min.

Price: \$74,000

Field Trip: Almonds

Item #: P-107

Tour the Sacramento Blue Diamond Almond plant, the world's largest almond factory. The plant ships 200 million pounds of almonds to 94 countries and



processes most of the almonds used in the United States. Begin with the arrival of truckloads of newly harvested almonds. Then, watch as the almonds are processed through cleaning, sorting, grading, shelling, packaging, packing and shipping. You might be surprised to learn the uses of almond by-products. A supplement is included.

Media: DVD

Length: 22 min.

Price: \$83,000

Field Trip: Walnuts

Item #: P-108

The Diamond Walnut plant in Stockton, California, is one of the largest and most modern walnut packaging plants in the world. The steps highlighted in the



learning tour include harvesting, cleaning, sorting, grading and packaging of quality walnuts for consumer and food industry use. Quality standards, safety and sanitation are key concepts in this processing plant. Then, discover what happens to walnuts that don't make the grade. A supplement is included.

Media: DVD

Length: 21 min.

Price: \$83,000

Field Trip: Grapes

Item #: P-109

Only the highest quality grapes on the vine are chosen to become table grapes. Come to the San Joaquin Valley, which supplies 97% of the table grapes grown



in the United States, and see how table grapes are selected for standards of color, size and sales potential. Watch as workers leaf the vines; promote development of large, flavorful grapes; pick and trim the ripened clusters; then field-pack the grapes. A supplement is included.

Media: DVD

Length: 24 min.

Price: \$83,000

Field Trip: Sunkist Juice Plant

Item #: P-110

Take a visual exploration through the Sunkist facilities in Tipton, California, see Sunkist's delicious oranges turned into orange juice concentrate. Follow the select



oranges as they are delivered to the plant, where they undergo cleaning, sorting, oil extraction, juicing, filtration and concentration. Then, see what happens to orange by-products. Viewers will be impressed by the quality assurance and testing the juice undergoes. A supplement is included.

Media: DVD

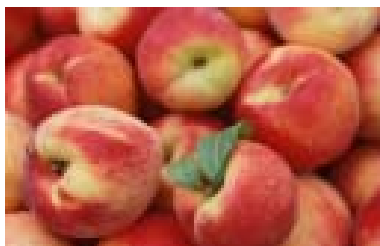
Length: 16 min.

Price: \$83,000

Field Trip: Stone Fruit

Item #: P-111

The video features an industrial irony: stone fruits are carefully selected and hand-picked by skilled gatherers who then entrust the "fruit" of their labor



to machines. Tradition meets technology as peaches and nectarines are examined and gathered by workers, then washed, sorted, packed and stored by computerized packing equipment. Three modern packing facilities are toured, and an inspector with the California Department of Food and Agriculture Inspection Service discusses stone fruit quality and grading.

Media: DVD

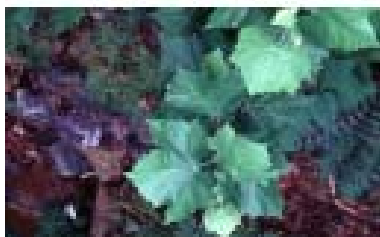
Length: 20 min.

Price: \$83,000

Introduction to Plant Tissue Culture

Item #: P-112

Scientists and researchers are attempting to meet the demands of modern agriculture plant production with a technique called plant tissue



culture. The program presents basic information and fundamental principles behind plant propagation techniques. Also discussed are lab equipment, culture media and common uses of plant tissue culture techniques. A supplement is included.

Media: DVD

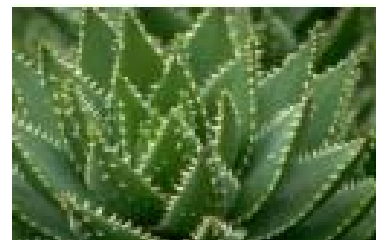
Length: 25 min.

Price: \$142,000

Plant Tissue Culture Methods

Item #: P-113

Topics explained in the program include plant tissue facilities and equipment, explant preparation, aseptic technique, medium preparation,



simple micropropagation, somatic embryogenesis and callus induction. Close-ups via magnifying scope allow viewers to see procedures clearly as the featured expert works with African violets and Boston ferns to demonstrate plant tissue procedures. A supplement is included.

Media: DVD

Length: 39 min.

Price: \$142,000

Careers: Plant & Soil Science

Item #: P-114

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.

Media: DVD

Length: 21 min.

Price: \$118,000

Field Trip: San Joaquin Valley

Item #: P-115

From apples to zucchini, the live-action videotape profiles more than 50 of the major products grown in one of the most prolific agricultural regions in the world. Gain a



better understanding of the processes involved in commercial agriculture as you explore the abundance of fruit, nut, vegetable, grain, meat and fiber produced and processed in the bountiful San Joaquin Valley. A supplement is included.

Media: DVD Length: 32 min.

Price: \$127,000

Citrus Varieties ID

Item #: P-116

Citrus Varieties offers a look at more than 50 citrus fruits produced in the United States. Students learn origins, identification characteristics and uses of citrus fruit valued as



commercial crops, ornamentals and rootstock. Important stock and hybrids are shown for lemons, limes, pummelos, grapefruit, tangerines, mandarins, sweet oranges and kumquats. Listing of fruit shown: Sweet Oranges: navel orange (Washington, Thompson improved, Lane, Cara-Cara), blood oranges (Tarocco, Moro), Arizonia Sweet (Trovita navel) and common oranges (Olinoa valencia, Delta valencia, Cadenera, Crescent, Salustiana, Shamouti, Marrs Early). Tangerines and Mandarins: Satsuma, Clementine, Murcott, Page, Fairchild, Orlando tangelo, Minneloa tangelo, Temple tangor, Ortanique tangor, Ellendale tangor and Koster tangor. Grapefruits (Marsh seedless, Redblush, Texas Star Ruby, Cocktail). Pummelos: Chandler, Reinking, Melo Gold Hybrid, Oro Blanco Hybrid. Kumquats and Hybrids: Nagami, Meiwa, Eustis limequat, Indio orangequat. Lemons (Eureka, Variegated Pink Eureka, Lisbon, Improved Meyer). Limes (Mexican lime, Bearss lime). Ornamentals and Rootstock: Etrog citron, Fingered citron, Calamondin, Sour Orange, Chinotto Sour Orange, Variegated Calamondin, Trifoliolate Orange, Flying Dragon Trifoliolate, Swingle Citrumelo, Citrus Macrophylla, Troyer Citrange and Rough Lemon. A supplement is included.

Media: DVD **Length:** 35 min.

Price: ₱112,000

Fruit & Nut Production

Item #: P-117

Realize the nutritional importance of fruits and nuts, classification and factors involved in growing crops in this Microsoft® PowerPoint®



presentation. Topics include important considerations, such as site selection (i.e., slopes, soils, water, light and temperature), variety selection and pollination. Students are exposed to labor considerations (i.e., planting, pruning, thinning, pest control and post-harvest processes) and the various markets available.

Media: CD-ROM (PowerPoint® Presentation)

Price: ₱74,000

Vegetable Production

Item #: P-118

Learn the history of various types of vegetable crops and markets in this presentation.

Vegetables' nutritional importance and



classification play an important role in their production. Students will be exposed to factors in site selection (i.e., soils, water, environmental conditions and varieties), planting (i.e., preparation, methods, watering, fertilizing and pest control), harvesting and the benefits of home gardening.

Media: CD-ROM(PowerPoint® Presentation)

Length: 33Slides

Price: ₱96,000

Graphic Design Tools

Item #: P-119

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.

Media: CD-ROM (PowerPoint® Presentation)

Length: 27Slides

Price: ₱89,000

Naming Plants Scientifically

Item #: P-120

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.

Media: CD-ROM (PowerPoint® Presentation)

Length: 20Slides **Price:** ₱96,000

Marketing Greenhouse Crops

Item #: P-121

Proper packaging and handling of greenhouse plants is necessary to maintain high-quality materials for sales. This presentation discusses marketing, transportation and sales of greenhouse crops.

Media: PowerPoint® Presentation

Length: 23Slides

Price: ₱89,000



Benefits of the Horticulture Industry

Item #: P-122

Horticulture has a major impact on the many aspects of our daily lives. The horticulture industry provides fruit, nuts and vegetables for our consumption, plants to add beauty to our surroundings indoors and outdoors and leisure activities and hobbies. This Microsoft® PowerPoint® presentation explains the many ways our society is affected by the horticulture industry.

Media: CD-ROM (PowerPoint® Presentation)

Length: 28Slides Price: ₩96,000



Plant Adaptation

Item #: P-123

What would people do without plants in the environment? Begin classroom discussions of the significance and benefits of having plants in our environment. This Microsoft® PowerPoint® presentation reviews the importance of structural and physiological adaptation of plants to the environment.

Media: CD-ROM (PowerPoint® Presentation)

Length: 36Slides Price: ₩103,000



Landscape Power Tools

Item #: P-124

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



Horticopia A to Z

Item #: P-125

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 #: P-128

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. 27 min.

Media: DVD Price: ₩127,000



Plant Selection

Item #: P-133

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 #: P-134

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 #: P-135

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.



Media: DVD Length: 28 min.

Price: ₩120,000

Potted Plant Production

Item #: P-136

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.



Media: DVD Length: 29 min.

Price: ₩120,000

Field Grown Plants

Item #: P-137

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.



Media : DVD Length: 32 min.

Price: ₩120,000

Container Grown Plants

Item #: P-138

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

Budding & Grafting

Item #: P-139

Budding and grafting are plant propagation methods used to create plants with special forms, to control their sizes or to alter their root systems so they will thrive in specific climates. Students will study terminology, tools and techniques as they watch professional propagators and home gardeners demonstrate five methods of budding and grafting, using plants appropriate for each method. A supplement is included.



Media: DVD Length: 22 min.

Price: ₩120,000

Plant Propagation - I

Item #: P-140

Watch plant specialists demonstrate the four popular methods of propagation—seed, vegetative parts (i.e., bulb, corm, tuber, root), division, and micropropagation. Advantages of each type of propagation, use of and composition of growing media, environmental concerns and specific plant parts used in propagation are explained. Watch the methods performed on various types of plants. A supplement is included.



Media: DVD

Length: 22 min.

Price: ₩120,000

Plant Propagation - II

Item #: P-141

In the program, view three methods of propagation: cuttings, layering and budding and grafting. Students watch demonstrations of cuttings for hardwood, semi-hardwood, soft wood and herbaceous materials. Propagation by layering is demonstrated with a blackberry bush and a ficus plant. Grafting and budding methods demonstrated include splice graft, whip or tongue graft and T-budding. A supplement is included.



Media: DVD

Length: 20 min.

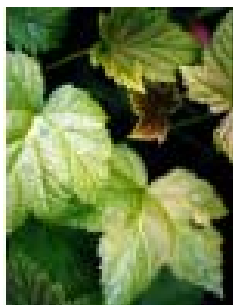
Price: ₩120,000

Plant Tissue Culture - I

Item #: P-142

See how tissue culture improves plant productivity as it conserves limited resources. You will explore the four stages of the tissue culture process: initiation, proliferation, pre-treatment and establishment of the plant. Close-up videography allows you to observe gene transfer, embryo rescue and encapsulation. A supplement is included. **Length:** 21 min

Media: DVD. **Price:** ₩120,000



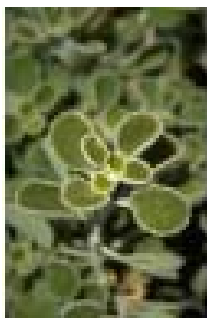
Plant Tissue Culture Techniques - II

Item #: P-143

Begin with a brief review of the four stages of the tissue culture process. Then, see how to substitute inexpensive equipment and materials to duplicate the procedure on a much smaller level. After watching the type of propagation used on African violets and a syngonium plant, you will be ready to try tissue for culture yourself. A supplement is included.

Media: DVD **Length:** 20 min.

Price: ₩120,000



Elements of Pruning

Item #: P-144

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 #: P-145

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 #: P-146

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, gradiflora, floribunda, miniature, tree, species and climbing roses. A supplement is included. **Length:** 16 min

Media: DVD. **Price:** ₩90,000



Pruning Informal & Formal Hedges

Item #: P-147

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. **Length:** 12 min.

Media: DVD **Price:** ₩90,000



Introduction to Greenhouse Management

Management

Item #: P-148

A Quill & Trowel award-winner from the Garden Writers Association of America, the presentation provides viewers with a broad introduction to important concepts and practices of greenhouse management. Topics include types and construction features of greenhouses, environmental factors (i.e., light, temperature, humidity, carbon dioxide), irrigation and fertilization, safety and maintenance and other management concerns. View modern greenhouse facilities throughout California. A supplement is included.

Length: 27 min

Media: DVD. **Price:** ₩127,000



Greenhouse Design & Construction

Item #: P-149

The comprehensive program examines styles and functions of greenhouses, site planning (including orientation to the sun and latitude), architectural style and environmental considerations. Learn about exterior construction (names of structural components, framing materials, glazing methods), as well as components of interior design, such as partitioning and using moveable beds and benches. A supplement is included. **Length:** 25 min

Media: DVD. **Price:** ₩127,000



Greenhouse & Nursery Safety: Safety Program

Item #: P-150

The video explores four components of a good safety program.

Assessment: identify potential hazards, review past safety records.

Prevention and Training: training staff and workers, organizing educational materials. Response: First aid and incident training. Communication and Support: meetings, newsletters and other means of information. Safety programs in place at several greenhouses illustrate the recommended components. A supplement is included.

Media: DVD Length: 17 min.

Price: \$127,000



Greenhouse & Nursery Safety: Industry in Action

Item #: P-151

Let some of the best managers in the greenhouse and nursery industry tell you about the outstanding safety training programs they have implemented.

Key components of each program are highlighted, with reasons for implementation and evaluating findings. Topics covered include employee training sessions, safety committees, exercise programs, incentive plans, insurance savings and government regulations. A supplement is included.

Media: DVD Length: 37 min.

Price: \$127,000



Growing Media for Landscape Plants

Item #: P-152

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.

Media: DVD Length: 28 min.

Price: \$127,000



Fertilizing Landscape Plants

Item #: P-153

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.

Media: DVD

Length: 27 min.

Price: \$127,000



Planting Trees and Shrubs

Item #: P-154

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 #: P-155

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.

Media: DVD Length: 26 min.

Price: \$127,000



Landscape Tools: Use & Safety

Item #: P-156

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.

Media: DVD Length: 24 min.

Price: \$127,000



Professional Turf Management

Item #: P-157

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 #: P-158

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.

Media: DVD Length: 27 min.

Price: \$142,000



Pesticide Safety: Minimal Risk to the Applicator

Item #: P-159

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.

Media: DVD Length: 38 min.

Price: \$142,000

Pesticide Safety in the Landscape

Item #: P-160

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.

Media: DVD Length: 29 min.

Price: \$127,000

Herbicide Use & Safety in the Landscape

Item #: P-161

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.

Media: DVD Length: 51 min.

Price: \$142,000



World Agriculture & Population: Seeking a Balance for Survival

Item #: P-162

Population and food supply are threads, which weave the quality of life. Watch and listen as leaders, researchers and people of many nations examine these vital connections.



Viewers explore why the human population has exploded and investigate whether the land can support the growing population. A supplement is included. Collaborators: Lark P. Carter, Ph.D.; Del Dingus, Ph.D., California Polytechnic State University. 28 min.

Media: DVD

Price: \$187,000

Careers: Food for Thought

Item #: P-163

The exciting program is designed to shatter students' stereotypes about agriculture careers by showing a wide range of fascinating jobs waiting for qualified applicants. Students will enjoy the video-game "format" as they explore the rewards and challenges of careers such as genetic research, food processing and packaging. A supplement is included.

Media: DVD Length: 20 min.

Price: \$112,000



Careers: Choose Horticulture

Item #: P-164

The video explores a variety of jobs available in wholesale production, commercial and residential landscape design and construction, interiorscape design and maintenance, turf, retail nursery, business management, education and other specialties of horticulture. A supplement is included.

Media: DVD **Length:** 20 min.

Price: ₩75,000

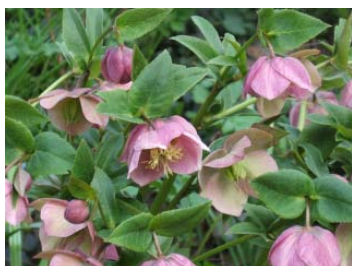


Plant ID - I CD-ROM

Item #: P-165

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 #: P-166

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



Diseases of Landscape Plants

Item #: P-170

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.

Media: DVD

Length: 17 min.

Price: ₩127,000

Western Fertilizer Series 2: Water and Plant Growth

Item #: P-171

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 3: Principles of Plant Growth

Item #: P-172

The intricate nature of how a plant grows is especially vital knowledge for the agricultural producer. Explore the many facets of growth: plant cell anatomy and function, photosynthesis, plant tissues, mineral and nutrient uptake, tap and fibrous root systems and factors that affect plant growth. A supplement is included.

Media: DVD **Length:** 14 min.

Price: ₩75,000



Western Fertilizer Series 4: Essential Plant Nutrients

Item #: P-173

The correct nutrients in proper proportions are necessary for optimum plant growth. The program clarifies the 16 essential elements plants need. It examines nutrients derived from the air (carbon, hydrogen, oxygen), primary nutrients (nitrogen, phosphorus, potassium) and an additional ten secondary nutrients. You will see examples of nitrification and denitrification, aminization, deficiency symptoms and ways to promote growth. A supplement is included.

Media: DVD

Length: 32 min.

Price: ₩75,000



Western Fertilizer Series 10: Methods of Applying Fertilizer

Item #: P-174

Illustrates three major methods of fertilizer application. Pre-planting methods include broadcast and injection types plus equipment for broadcast, injection, liquid and dry fertilizers. Planting methods include with-seed and band placement, side dressing, top dressing, and water-run applications (center pivot & solid set). Foliar applications include sprinkler, aerial and ground spray application. Also addressed are equipment calibration, mixing compatibility and precautions, when and where to place the fertilizer and regulatory guidelines. A supplement is included.



Media: DVD

Length: 22 min.

Price: ₩75,000

Western Fertilizer Series 11: Growing Plants in Solution Culture

Item #: P-175

Illustrates small and large scale hydroponic systems-types of systems, formula solutions, micronutrient concentration, determining quantities needed and monitoring nutrient systems through electric conductivity and plant tissue analysis. A supplement is included.



Media: DVD

Length: 12 min.

Price: ₩75,000

Western Fertilizer Series 12: Benefits of Fertilizers to the Environment

Item #: P-176

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.



Media: DVD

Length: 11 min. Price: ₩75,000

Western Fertilizer Series 13: Western Laws Relating to Fertilizing Materials

Item #: P-177

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.



Media: DVD

Length: 11 min.

Price: ₩75,000

21-Inch Rotary Mower

Item #: P-178

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.

Media: DVD

Length: 14 min.

Price: ₩97,000