

Agriculture Science

**Tools For Horticulture, Agricultural Machinery , Agriculture, Architecture, Botany,
Entomology, Environmental Science, Greenhouse, Horticulture,
Landscape Design, Soil Science**



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The Science of Propagation Vol. 1: Seeds

Item #: SP-025

This brand new video covers many manual sowing techniques, as well as the use of semiautomatic and fully-automatic vacuum seeders. Explore all of the advantages seeds have and study: genetic variation; hybrids; seed anatomy; stages of germination; harvesting; winnowing and threshing techniques. Learn about the many special germination requirements such as scarification, stratification, overcoming chemical inhibition, seed dormancy and quiescence. Students will discover the tools & techniques needed for seedling culture and transplanting.

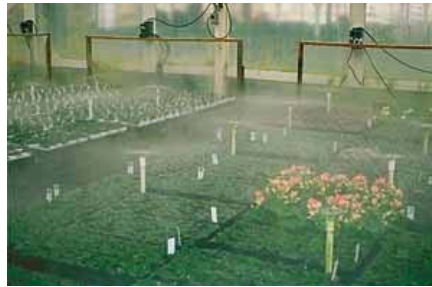


Price: ₩178,000

The Science of Propagation Vol. 2: Cuttings

Item #: SP-026

From hardwood cuttings to hardening off, this fantastic new video shows students the tools, processes and methods used by professional propagators to successfully grow plants from cuttings. Many examples of Stem-cuttings, leaf-cuttings and root-cuttings are demonstrated, as well as specific examples of hardwood, semi-hardwood, softwood and herbaceous cuttings. Explore plant anatomy, growing environments, transplanting & growing on, rooting principles, and the monitoring of growth & development of cuttings. See how to streamline horticulture practices to prevent diseases and increase overall production.

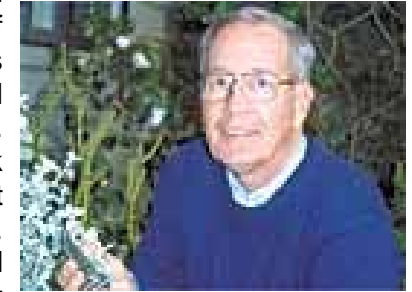


Price: ₩178,000

The Science of Propagation Vol. 3: Vegetative Techniques

Item #: SP-027

A very informative, close-up look at the many practical asexual propagation methods that can be used to reproduce plants. See many descriptive step-by-step examples which demonstrate the different types of vegetative propagation methods such as division, layering, bulbs and underground structures such as rhizomes and tubers. These propagation techniques give quick results and also provide an excellent laboratory for the study of plant science. Careful explanations of plant parts and procedures are given. This program clearly covers all aspects of vegetative propagation, except for cuttings. 28 min.



Price: ₩178,000

Science and Practice of Propagation Series 3 Titles DVD Set

- Vol.I: Seeds 32 min.
- Vol.II: Cuttings 35 min.
- Vol.III: Vegetative Techniques 28 min.

Set Price ₩444,000

Science of Propagation Vol. 4: Tubers and Tuberous Roots



Item # SP-054

focuses on these underground storage structures in great detail. The primary crops used are potatoes, sweet potatoes and dahlias. Aside from the traditional propagation methods using potato tubers, students will also learn how to work with True Seed Potatoes or TSP.

True Seed Potatoes are vital in the development of new potato varieties and are increasingly being produced for developing countries. Sweet potato cuttings are also demonstrated along with a delicious way to use these nutritious roots. Volume Four shows how to propagate the tuberous roots of dahlias and also demonstrates various treatments for extending the vase life of these extraordinary cut flowers. 28 min.

DVD ₩178,000

Science of Propagation Vol. 5: Hybridization



Item # SP-055

Volume Five of this series focuses on the mechanisms and benefits of plant hybridization. By observing cross-pollination techniques on tomatoes and day lilies, students will be able to replicate or even find new applications for this technology. Hybridization can invigorate plant varieties, and it is also a natural way to create entirely new kinds of plants. By breeding plants from closely related parents, we can improve disease resistance and modify the color, form and flavor of existing species and varieties. This DVD provides a quick review of plant anatomy terms. We then guide viewers step-by-step through the process of selecting suitable parents, cross pollination, emasculation, isolation, seed harvesting, sowing, transplanting and finally evaluating the new hybrid's character. Students will easily grasp the skill of hand pollination. After learning the principles of plant hybridization, you will be able improve the fruits, vegetables and landscape plants so vital to our health and our environment. 28 min.

DVD ₩178,000

Plant Hybridization



Discover the exciting science behind creating new plants.

Vol. 6: Grafting Vegetables Approach and Cleft Grafting



Item # SP-056

Grafting is a well-known method of improving crop performance of long-lived, woody plants like fruit and nut trees, roses and grapes. Grafting is also used commercially to improve vegetable crops. Now, with this new DVD, horticulture instructors can quickly demonstrate the principles and mechanics of grafting by using fast-growing annual vegetables. Volume Six explains the techniques of approach grafting and cleft grafting. Learn the terms and definitions for grafting, and see how to select suitable vegetables for matching the scion (leafy tops) with understock (roots). We demonstrate how to start the plants from seeds and discuss the sowing schedule. We show how to cut and join the plants together using easy-to-see incisions, and also present various methods for wrapping and supporting a new graft. Watch how to assemble a simple humidity chamber for housing the newly grafted plants. Learn how to graft tomatoes, cucumbers, watermelons and more. 28 min..

DVD ₩178,000

Grafting Vegetables



Demonstrate the principles and mechanics of grafting by using fast-growing annual vegetables.

Vol. 7: World Food Crops- Grains and Legumes



Item # SP-057

Grains and legumes feed half of the world's growing population and also make fascinating subjects for propagation. Volume Seven covers the propagation methods for the major cereal crops (including "The Big Three") as well as legume crops, such as soybeans, peanuts and lentils. Harvesting, threshing, winnowing and grinding techniques are demonstrated by both hand tools and modern machines. By following the program's step-by-step procedures, students will gain valuable experience and develop a greater appreciation for the food staples we all eat. From sowing kernels to baking corn bread, this program provides fun activities and real-life skills, which will engage students and build confidence. This DVD shows how to grow these plants using primarily open-pollinated seeds.

DVD © 2010 28 min.

¥178,000

Vol. 8: World Food Crops- Tropicals



Item # SP-058

Volume Eight presents the reproduction techniques as well as cultural information for food staples grown in tropical regions. These economically-important crops feed much of the world's population yet most of these plants are practically unknown in the USA. The program shows the easiest ways to propagate tropical food staples such as cassava, taro, sorghum, true yams, plantains and bananas. We'll also show how these plants can be processed and how to prepare meals and snacks using these valuable fruits, roots and canes. Tropical plants need shelter from freezing temperatures but are otherwise surprisingly easy to propagate and care for.

DVD © 2010 28 min

¥178,000

Vol. 9: World Food Crops- Roots



Item # SP-059

Roots are one of the most nutritional foods on earth, still so many easy-to-grow and delicious root crops never make it to the market. This program presents step-by-step propagation techniques for common as well as unusual root crops grown and eaten throughout the world. In addition to carrots, radishes and beets, we'll introduce students to some of the wild edible roots found in the U.S. Learn about propagation methods for root and tuber crops of the Andes mountain range. South American roots such as oca, mashua and maca are easy to grow in temperate climates since they come from the higher, cooler elevations of the rugged Andes. As a bonus we'll show new techniques (not covered in previous volumes) for growing potatoes and sweet potatoes- two of the most important crops in the world.

DVD © 2010 28 min.

¥178,000

Tools For Horticulture: Safe Use and Care of Professional Hand Tools



Tools for Horticulture is an all new, action-packed video series which takes an encyclopedic leap in to the vast area of professional hand tools. The audience will learn about the safe use and maintenance of more than 80 hand tools which re essential to the diverse nature of today's horticultural projects. This program is an absolute necessity for instructors and students of horticulture and agricultural engineering, as well as for professionals working in the fields of landscaping, grounds maintenance and nursery production. General and specific safety guidelines are reiterated throughout the entire series.



1 Safety, Design and Selection of Hand Tools Item # SP-045

This introductory program introduces the necessity and advantages of horticultural hand tools. Safety is presented as an aspect of tool design, as well as a system of protective equipment and procedures which reduce the likelihood of injury while using hand tools. This program shows how paying attention to correct body posture and ergonomics can improve work efficiency, reduce physical stress on the body and thereby protect the long-term health of people working with hand tools. Students will also learn about the materials, composition and manufacturing methods of these professional tools. We will also take a trip to a wholesale tool warehouse and present the many considerations which go into making an intelligent tool purchase. **DVD 24 min. ₱178,000**

2 Hand Tools for Digging, Weeding & Cultivation Item # SP-046

This program presents over thirty manually- powered implements designed for turning, scraping, scooping, boring, and tilling the soil. The first section of volume two demonstrates the safe use and proper techniques required for the use of a variety of diggers, shovels, picks and forks. The second section shows the methods and maintenance of hand tools designed for weeding and cultivation. Students will see the tools in action and discover useful information about the many types of hoes, prongs, weeders and soil cultivators. **DVD 26 min. ₱178,000**

3 Landscaping, Planting & Watering Tools Item # SP-047

The third program in this series covers the wide array of hand tools used for landscape development and the installation of plant materials, as well as the equipment needed for efficient water distribution. Post drivers, sledge hammers, wheelbarrows and dirt tamps are just some of the more than 20 tools covered in this volume. The second section of this volume demonstrates the different tools used for sewing seeds, setting bulbs and planting containerized plants. The last section of Volume Three presents the tools and techniques for manual watering and fertilizing systems. The care and repair of watering equipment is included with a sprinkling of manufacturing trivia. **DVD 25 min. ₱178,000**

4 Hand Tools for Pruning ,Cutting Grooming and Curb Appeal Item # SP-048

Volume Four concludes the "Tools for Horticulture" series with the sections titles "Hand Tools for Pruning and Cutting" and "Hand Tools for Grooming and Curb Appeal". The first section of this volume handles the extensive topic of pruning and cutting tools. Pruning saws, loppers, hand pruners, and hedge shears are just a few of the 30+ tools presented in this volume. The final section in the series contains a sweeping collection of the hand tools needed for cleaning up after landscape projects and maintaining gardens of all sizes. Rakes, brooms and forks are demonstrated by professionals who show the audience how to pay special attention to detail. **DVD 25 min. ₱178,000**

Tools For Horticulture Series 4 DVDs₱592,000

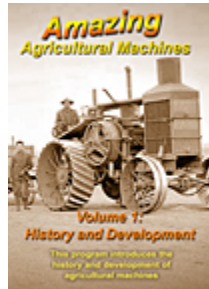
Amazing Agriculture Machines

This one-of-a-kind series of four new programs is the most complete collection of DVDs about agricultural machinery that has ever been produced. It is simply, well ... amazing!

Amazing Agricultural Machines is an all new, action-packed series of four programs which shows the development and vast diversity of machines used in agriculture and horticulture. This four-part series provides a powerful opportunity for studying these machines in action in many different settings around the world.

Students will not only learn about the diversity of agricultural equipment, but will also discover the driving forces behind today's widespread mechanization in the industrialized world. Tractors, threshers, harvesters and farm equipment of all kinds are shown, as well as machines used in the ever-expanding area known as 'outdoor power equipment' or OPE.

This entertaining series weaves history in with the very latest farming and landscape machinery for a unique look at this industry.



1 History and Development **Item # SP-049**

Volume one of this four-part series examines the history and development of agricultural machines. The video traces Biblical and Roman references to the very first threshers and harvesters, showing how design elements from ancient tools have been incorporated into today's machines. Students will see how these early implements changed over time. They will also see traditional farming techniques still in use in different parts of the world. Volume one shows how labor shortages, relief from hard labor and economic woes became the driving forces for agricultural mechanization. 20 minutes **₩178,000**

2 Modern Machines **Item # SP-050**

Viewers will see the amazing diversity of tasks accomplished by modern agricultural machines. Discover how advances in precision farming apply modern technologies such as hands-free or laser-guided steering, GPS integration, video-assisted operation, and controlled-traffic farming. Students will also see these amazing farm machines doing the work of tilling, planting, weeding, spraying, fertilizing, harvesting and threshing. Giant grain harvesters are shown as well as unique machines designed to harvest sensitive crops such as olives, oranges and flower seeds, just to name a few. 20 minutes **₩178,000**



3 Outdoor Power Equipment **Item # SP-051**

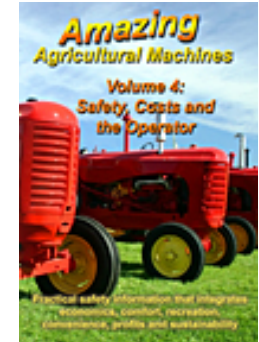
Explore the growing demand for Outdoor Power Equipment or OPE. It includes the amazing spread of machines being used not only by broad acre farmers but by urbanites and the increasing number of part-time farmers and small-acreage owners. Students will see practically every imaginable piece of landscape machinery, including highly versatile compact tractors and utility vehicles, chainsaws, mowers, blowers, trimmers, trenchers, cultivators and turf harvesters, to name a few. This amazing array of tools is shown going full power, tackling the complex demands of today's landscapes, parks, small farms, forests, sports fields, golf courses and open spaces. 20 minutes

₩178,000



4 Safety, Cost and the Operator Item # SP-052

The final program in this series presents practical safety information along with the relevant concerns of machine owners and operators. It integrates safety with important issues such as economics, comfort, recreation, convenience, profits and sustainability. Students will gain an overview of the issues relating to machine costs, productivity and safety on the farm and in the landscape. This program highlights the costs to society of machine-related injuries from rollovers, thrown objects and other hazards, and how these are reduced by Roll-Over-Protection-Structure (ROPS) cabs, and by design improvements to all-terrain vehicles (ATVs), chainsaws, lawn mowers, etc. This program also shows safety and cost aspects from the perspectives of owners, employees, manufacturers, public, and governmental agencies responsible for safety and environmental concerns. 20 minutes **₩178,000**



Amazing Agricultural Machines Series. 4 DVDs - ₩592,000

Careers in Horticulture: Opportunities for Growth

Item # SP-053

Horticulture is an incredibly diverse profession with an astonishing number of career opportunities. This brand new program presents more than a dozen of the most modern and exciting career paths available for professional horticulturists. In addition to interviews with some of the industry's most successful people, students also hear from teens and young adults studying horticulture. From interiorscaping to landscape installation and maintenance, we cover the broad spectrum of careers that we collectively call the horticulture industry.

To give this program the appear that today's students expect, we shot at exciting locations such as the Wynn Las Vegas, Getty Center and Getty Villas, Monrovia Nursery, the headquarters of the Valley Crest Companies and some top residential and commercial landscape locations.

Students learn that a high school education is necessary and that with the proper education the sky is the limit as to how far they can go and what they can earn. They see people enjoying jobs working on the most ecologically sensitive golf courses to elegant billionaire estates. One thing we wanted to make sure they understood is that there is a lot more to horticulture than mowing and blowing lawns and we achieved that goal admirably.

Do you part to get your students started on the path to financially and personally rewarding jobs in horticulture.

40 minutes

DVD ₩178,000



Integrated Compost Systems

Item #: SP-001

This new video shows how to design, implement, and operate effective compost systems on an institutional scale. This program presents an alternative to costly landfill dumping of organic material. It shows how this material can be processed on site and used as an alternative to expensive soil amendments. See the basics of setting up a compost system including: collection, design, site selection, and numerous techniques that help to make composting both effective and profitable. Visit: a landscape manager who composts all of the organic matter at a golf and town home retirement community, a yard waste recycling specialist who coordinates a city-wide compost system, a landfill manager who runs a huge windrow operation, a worm farm operator, a person who runs a compost system for farmers, and a university compost manager who integrates food waste, yard waste, and farm waste.

Length: 33 min Price: ₩178,000



Sci. of Biological Decomposition

Item #: SP-002

Start on the microscopic level to see the wide array of micro and macro-organisms which work to break down organic matter. See how to create compost, and explore its water and nutrient holding capacity. Learn the basics of aerobic hot composting, and then explore how to create a good C:N (brown:green) ratio when layering. Also, see how to implement proper watering rates, and how to use a thermometer to determine the pile's mesophyllic / thermophilic cycle. This shows when to turn the pile or windrow. Other composting methods shown include: sheet composting, pit composting, and worm composting. A very popular video for teaching what compost is, and how it can be effectively produced. Length: 33 min

Price: ₩178,000

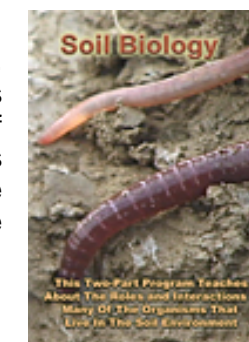


Soil Biology

Item #: SP-003

Loaded with information on the many organisms which make up the soil environment. From easily visible earthworms to microscopic bacteria, this program offers valuable information on the roles and interactions of the soil's flora and fauna. See how soil biology relates to soil horizons, porosity, water holding capacity and other physical properties of soil. While soil fertility is often measured by a soil's chemical, mineral and organic matter content, new research is presented on how the many species of mesofauna can be extracted from the soil, and then used as indicators of soil fertility. Examine soil pests as well as beneficial life forms found in the soil. This video also examines human attitudes towards soil organisms, and explains how opinions can develop which are not always based on science. Clear narration, effective use of graphics, and fascinating microphotography bring into focus the many life forms in the soil of our farms and landscapes.

A two part DVD - total running time **50 minutes**. Media: DVD(2 part) Price: ₩232,000



Compost Series DVD Set

1. Integrated Compost Systems
2. Sci. of Biological Decomposition
3. Soil Biology

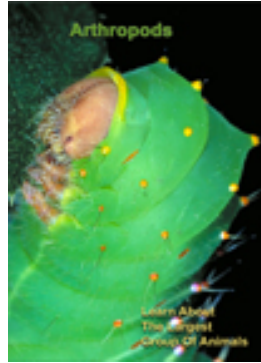
Set Price ₩498,000

Arthropods

Item #: SP-004

Learn about the largest group of animals, those with jointed legs: the phylum Arthropods. The five classes explored are: insects, arachnids, centipedes, millipedes, and crustaceans. Arachnids shown include: spiders, mites, ticks, scorpions, whip scorpions, daddy longleg, and sun scorpions. The life histories of Centipedes and Millipedes are discussed. Characteristics of each of these classes are illustrated. 24 min

Price: ₩178,000



Insect Families and Identification

Item #: SP-005

Primitive insects are shown, as are families of Orthopterans including grasshoppers, crickets, katydids, cockroaches, walkingsticks and praying mantises. Also shown in detail are the major families of the orders Odonata, Ephemeroptera, Dermaptera, Isoptera, Hemiptera, Homoptera, Thysanoptera, Neuroptera, Coleoptera, Hymenoptera, Diptera and Siphonaptera. The fascinating variety of live insects in this video will keep your students glued to the screen. 24 min

Price: ₩178,000



Insect Structure, Function & Metamorphosis

Item #: SP-006

Students will learn the three types of metamorphosis: gradual, incomplete and complete, and see examples of insects in each group. Then students will explore the basic structure of insects, including the exoskeleton, antennae, eyes,



mouthparts, leg parts, digestive and reproductive tracts. Also, see effective examples of insect defenses, such as high reproductive rates, camouflage, mimicry, and spines. This terrific new program will bring to life this important part of entomology. 24 min

Price: ₩178,000

Insect Orders, Classification & Identification

Item #: SP-007

The 26 main orders of insects are explored in this exciting new program. They include primitive insects such as Silverfish, Bristletails, and Springtails, along with winged insects such as Mayflies, Dragonflies, Stoneflies, Grasshoppers, Earwigs, Termites, True Bugs, Cicadas and Leafhoppers, Nerve-winged insects, Beetles, Butterflies, Moths, Bees, Ants and Wasps, along with Flies and Fleas. Scientific names and the main characteristics of each order are effectively shown. A great building block for entomology students.

Price: ₩178,000



Entomology Series 4 Title DVD

- Arthropods 24 min
- Insect Families and Identification 24 min.
- Insect Structure Function & Metamorphosis 24 min.
- Insect Orders, Classification & Identification 24 min.

Set Price ₩592,000

FERTILIZERS: Volume I

Soil Plant Nutrient Relationships

Item #: SP-008

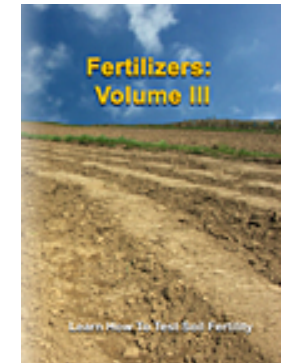
Part one of FERTILIZERS: Soil-Plant-Nutrient Relationships(21 minutes) explains soil-plant-nutrient relationships as well as the role of soil in plant growth. This section also explains how the physical and chemical properties of a soil can influence nutrient availability. The essential plant nutrients are introduced along with tips to help students remember them.

Price: ₩178,000



program also defines the terms used in the fertilizer industry and explains the information found on fertilizer labels. Students will see a commercial fertilizer distributor as well as a variety of different fertilizer forms and application methods. Both organic and inorganic fertilizers are presented.

Price: ₩178,000



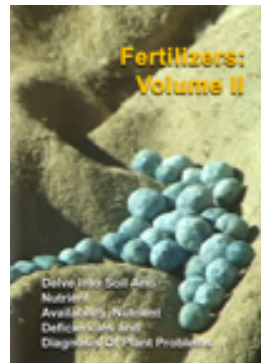
FERTILIZERS: Volume II

Nutrient Availability & Deficiencies

Item #: SP-009

In part two (22 minutes) students will delve into and nutrient availability, nutrient deficiencies and the diagnosis of plant problems. The various factors effecting nutrient availability and nutrient absorption are presented. Students will see nutrient- deficiency symptoms and learn how to distinguish between nutrient deficiencies and other plant problems.

Price: ₩178,000



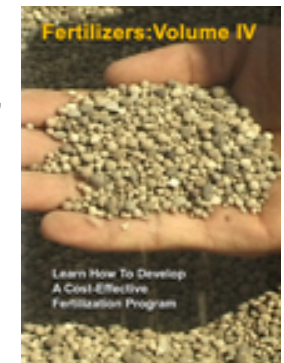
FERTILIZERS: Volume IV

Cost Effective Fertilization

Item #: SP-011

Part Four, the final tape in this series (22 minutes), shows how to develop a cost-effective fertilization program. The program goes step-by-step through various fertilizer calculations for agriculture, horticulture and landscape applications. Examples of price comparisons are calculated, as well as fertilizer application rates for turf and for organic materials. Fertilizer injectors are demonstrated as students learn how to set up and solve equations needed for designing a constant-feed program. This section enhances students problem-solving skills and critical thinking abilities.

Price: ₩178,000



FERTILIZERS: Volume III

Soil Fertility

Item #: SP-010

The third tape in this series (23 minutes) demonstrates how to test soil fertility. Students will see how to properly collect soil samples for laboratory analysis. The results from the soil analysis explained in detail, along with the recommendations given by the soil laboratory. This

FERTILIZERS Complete 4 Titles DVD

VOLUME I: Soil Plant Nutrient Relationships 21 min.

VOLUME II: Nutrient Availability & Deficiencies 23 min.

VOLUME III: Soil Fertility 23 min.

VOLUME IV: Cost Effective Fertilization 22 min

Set Price ₩592,000

Integrated Pest Management in Agriculture

Item #: SP-012

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

Price: ₩178,000



Integrated Pest Management in the Landscape

Item #: SP-014

See how to integrate biological, cultural, physical, horticultural and chemical strategies into an effective pest management program. Explore how the basic IPM strategies are effectively applied in various landscape situations and how an individualized IPM program can be set up. Then visit various settings where IPM is used, including home gardens, Disneyworld Epcott Center and San Francisco Conservatory of Flowers. This is the most popular video in our collection. It does a terrific job introducing this important topic to students. 25 min.

Price: ₩178,000



Integrated Pest Management in Greenhouses

Item #: SP-013

See how to apply a detailed pest monitoring program to effectively coordinate physical, biological, cultural, horticultural and chemical controls in greenhouse crops. Learn how to reduce costs, increase safety and improve pest control in production greenhouses. DVD 27 min.

Price: ₩178,000



Integrated Pest Management In Turf

Item #: SP-015

See how an IPM program for turf can increase pest control, while effectively cutting costs. Students will learn how to regularly monitor for weeds, insects, diseases and how to utilize habitat modification, physical/mechanical controls, horticultural controls, biological controls and least-toxic chemical controls to efficiently keep turf healthy. 25 min.

Price: ₩178,000



Integrated Pest Mgt. Series 4 Titles DVD

I.P.M. in Agriculture DVD 29 min.

I.P.M. in Greenhouses DVD 28 min.

I.P.M. in the Landscape DVD 25 min.

I.P.M. in Turf DVD 25 min.

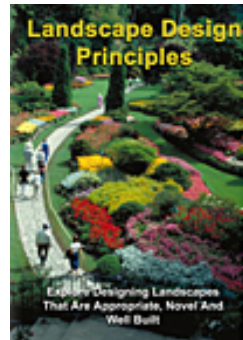
Set Price ₩592,000

Landscape Design Principles

Item #: SP-016

This BRAND NEW video demystifies the basic elements used to plan and create attractive and appropriate outdoor environments. Students are shown how to incorporate plants, topography and hardscape features with the basic artistic principles of form, line, texture and color. See how to implement more complex design principles such as unity, harmony, repetition, balance, symmetry, dominance and scale. With clear terms and explanations, learn how to design landscapes which are appropriate, novel and well built. 25 min

Price: ₩178,000

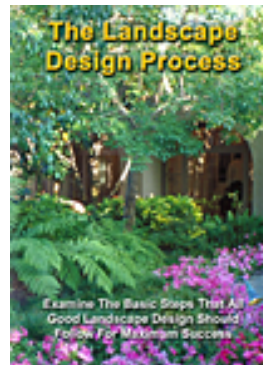


Landscape Design Process

Item #: SP-017

This BRAND NEW video examines the basic design steps including the design program, site analysis, concept development, master planning and design, as well as project installation. See how the seemingly linear design process becomes a dynamic cycle of creative problem solving. Discover the many concerns which a Landscape Designer must bring into balance. The clients objective, financial limitations, legal standards & codes, safety & security, maintenance, microclimates, circulation, patterns of use, and site limitations are just some of the themes brought into focus. DVD. 25 min.

Price: ₩178,000



Plant Usage in Landscape Design

Item #: SP-018

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



landscape design. 36 min.

Price: ₩178,000

Sustainable Landscape: Ecological Design Principles

Item #: SP-019

Learn appropriate landscaping principles to add beauty, function, economy and sustainability to a design. Utilize the natural growth habits of plants; increase biodiversity; select and group plants to promote water efficiency and microclimate control; grade landscapes to promote ground water recharge and to discourage erosion and runoff and see techniques to harvest the nutrient, energy and water resources of the landscape. This is the best video available for showing students how horticulture can aid environmental regeneration and protection. 32 min.

Price: ₩178,000



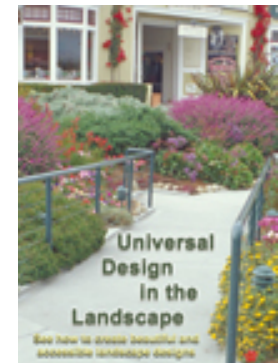
Universal Design in the Landscape

Item #: SP-020

See how to create accessible designs that are beautiful, appropriate and functional. With a path-of-travel approach, you visit the landscapes of parks, playgrounds, botanical gardens, residences and institutions, to name a few. In addition to the hard and softscape design of new landscapes, the retrofitting of existing landscapes is also shown.

DVD 34 min.

Price: ₩178,000



Landscape Design 5 Titles DVD Set

- Landscape Design Principles 33 min.
- Landscape Design Process 31 min.
- Plant Usage in Landscape Design 32 min.
- The Sustainable Landscape 32 min.
- Universal Design in the Landscape 34 min.

Set Price ₩740,000

Fundamentals of Pruning

Item #: SP-021

This current work is an effective balance of technique and application. This brand new video delivers information in a logical sequence, and forms a functional foundation to approach any pruning job. The topics covered include: why and how plants respond to pruning; proper tool selection and use; why and when you should prune; and pruning for desired results. With beautiful and varied shot locations, see how to apply these pruning principles in ornamental trees, informal and formal hedge, roses, conifers, flowering shrubs and more. 37 min.

Price: ₩178,000



Pruning Ornamental Trees

Item #: SP-022

This new program demonstrates the essential pruning techniques needed to prune landscape trees. Journey to the majestic Avenue of the Giants to get a BIG, clear perspective on the science of tree growth. By developing an understanding of how trees respond to the wounds made by pruning cuts, students can finally understand the theory behind the basic principles of pruning tree limbs. See how to safely use and maintain pruning tools as we demonstrate pruning on a variety of landscape trees. Learn about thinning, shaping, shearing, heading back, undercuts, 3-point cuts, and the proper angle of attachment for tree limbs. Learn the artistic and technical aspects of pruning ornamental trees. 29 min.

Price: ₩178,000



Pruning Fruit Trees

Item #: SP-023

These critical pruning techniques will teach students how to enhance fruit production and overall tree vitality on a variety of different temperate and subtropical fruit trees. No pruning topic is more important to grasp than the management of fruit wood and fruit spurs. Study the pruning techniques that allow light to reach fruit spurs and hangers, increasing their productivity and longevity. See a wide variety of locations and examples as you learn how to shape, thin and strengthen the branching structure. Also learn about pollination, fruit development, thinning practices, and harvesting. A clear and comprehensive treatment of this often confusing topic. 32 min.

Price: ₩178,000



Arboriculture Modern Tree Care

Item #: SP-024

This comprehensive video covers such topics as current safety requirements for arborists, planting and staking ornamental trees, climbing, lift-truck operation, pruning, latest tree-care equipment and materials, and analyzing tree problems. Demonstrates the duckbill root-anchoring system and the use of ultrasound technology for generating computer images of the tree's interior condition.

Length: Part1-18 min, Part2-23 min

Price: ₩232,000



Pruning/Arboriculture 4 Titles DVD Set

- The Fundamentals of Pruning 27 min.
- Pruning Ornamental Trees 29 min.
- Pruning Fruit Trees 32 min.
- Arboriculture: Modern Tree Care Part one:18 min, Part two: 23 min.

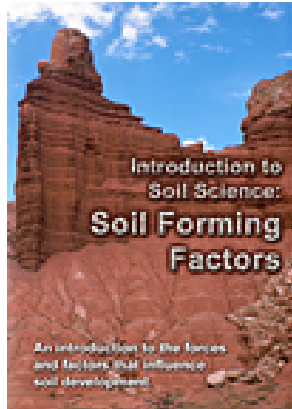
Set Price ₩616,000

Introduction to Soil Science: Soil Forming Factors

Item #: SP-028

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

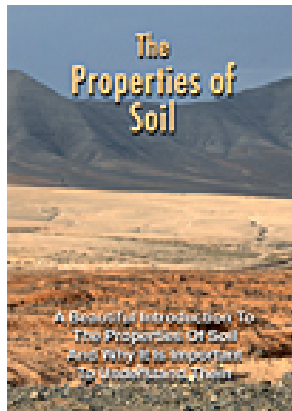
Price: ₩178,000



The Properties of Soil

Item #: SP-029

Soil is one of our most valuable natural resources. Our food supply depends on it, and our stewardship of the land will determine our future. Understanding the physical properties of soil leads to better informed management decisions by many people including farmers, landscapers, civil engineers, architects, land use planners and resource specialists. By knowing the properties of our soils, we can make better decisions about its use and conservation. In this video, we cover the physical properties of soil texture, structure, water, slope, depth and color. Viewers learn how soil is formed as we explore the five soil forming factors of climate, organisms, parent material, topography and time. Types of rocks and how they are formed are also included. Beautiful videography and relevant examples make



this program a pleasure to watch as students learn about the properties of soil and why it is important. 24 minutes. DVD

Price: ₩178,000

Soil Biology

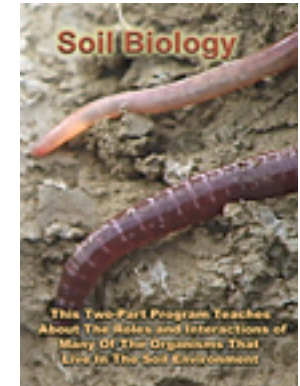
Item #: SP-003

Loaded with information on the many organisms which make up the soil environment. From easily visible earthworms to microscopic bacteria, this program offers valuable information on the roles and interactions of the soil's flora and fauna. See how soil biology relates to soil horizons, porosity, water holding capacity and other physical properties of soil. While soil fertility is often measured by a soil's chemical, mineral and organic matter content, new research is presented on how the many species of mesofauna can be extracted from the soil, and then used as indicators of soil fertility. Examine soil pests as well as beneficial life forms found in the soil. This video also examines human attitudes towards soil organisms, and explains how opinions can develop which are not always based on science. Clear narration, effective use of graphics, and fascinating microphotography bring into focus the many life forms in the soil of our farms and landscapes.

A two part DVD - total running time **50 minutes**.

Media: DVD(2 part)

Price: ₩232,000



Soil Deal 3 Titles Set DVD

- Introduction to soil Science 25 min.
- The Properties of Soil 24 min.
- Soil Biology: Part I: 24 min. Part II: 26 min.

Set Price ₩498,000

Advanced Tactics for Achieving Sustainable Agriculture

Item #: SP-030

Visit a wide range of farmers and entomology farm advisors who are implementing tactics that enhance a farm's biological diversity; enrich its soil fertility, drainage and tillage; achieve biological weed and insect pest management and reduce the need for agricultural chemicals. See how cover crops are used to manage weeds and improve the soil structure and fertility. Find out how to utilize and time certain cover crops to help attract the specific predators which help control pest insects. See how to implement insectary crops, trap crops, mowing and tillage of cover crops, inter cropping and habitat strips. You then see how to utilize weeds, roadside and insectary plantings, windrows and hedgerows to bring even more biological diversity to the farm. 27 min

Price: ₩178,000

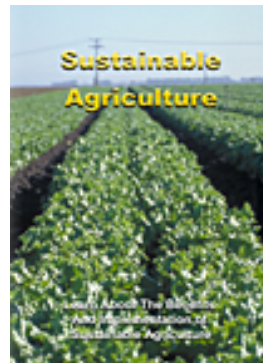
Sustainable Agriculture

Item #: SP-031

Learn how to: improve soil fertility and nutrient cycling, maintain biological diversity, implement effective cover crops and trap crops, integrate farm animals, add compost to the soil, mulch, reduce soil erosion and enhance soil structure by utilizing various conservation tillage techniques, manage pests, develop useful crop rotations, and much more. Visit numerous locations and hear from five farmers who have successfully made the transition.

DVD 30 min.

Price: ₩178,000

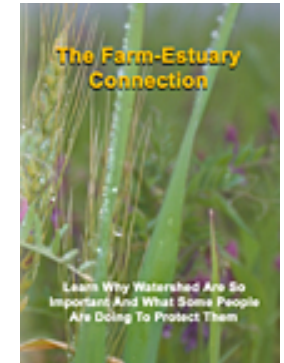


The Farm-Estuary Connection

Item #: SP-032

This fantastic new program defines what a watershed is and shows how it is connected with a series of creeks and waterways to an estuary or bay. Visit five farmers who are successfully reducing soil loss on their farms and ranches. Explore how cover crops, intensive grazing, creek buffer strips, and other techniques help lengthen the life of an estuary by reducing siltation of the creeks. Students see how this slows the sedimentation process of an estuary in the farmer watershed. 22 min.

Price: ₩178,000

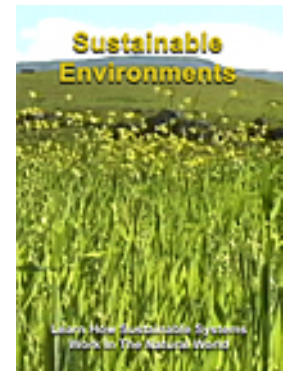


Sustainable Environments

Item #: SP-033

This popular program defines sustainability and then explores how sustainable systems, or loops, work in the natural world. You examine the elements of sustainable environments including: diversity, interdependence, the ability to adapt or evolve and how resources are utilized. This is followed by effective examples of how this understanding can lead to solutions in the design and implementation of the built environment. With interesting interviews and a wide variety of locations, you see how sustainability can be applied to agriculture, transportation systems, buildings and landscapes, and life-styles and work. This is ideal for introducing students to the understanding and importance of working towards sustainability with an interdisciplinary approach.

Price: ₩178,000



Sustainable Agriculture Series

4 Titles Set DVD

- Achieving Sustainable Agriculture 27 min.
- Sustainable Agriculture 30 min.
- The Farm-Estuary Connection 22 min.
- Sustainable Environments 33 min.

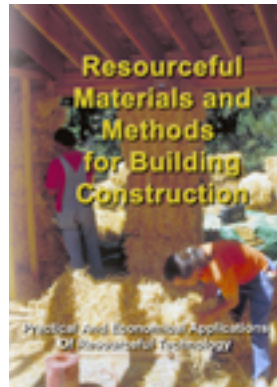
Set Price ₩592,000

Resourceful Materials and Methods for Building Construction

Item #: SP-034

See practical and economical applications of resourceful technology in this effective new video. Join award winning architect and builder, Randy Dettmer, AIA, as he shows you how resourceful construction technology can be incorporated into any building project. From recycled styrofoam block wall systems to ay bale? construction, this program will introduce you to a wide variety of construction products and techniques which are sensitive and responsive to our world ecology and limited resources. DVD 24 Min.

Price: ₩178,000

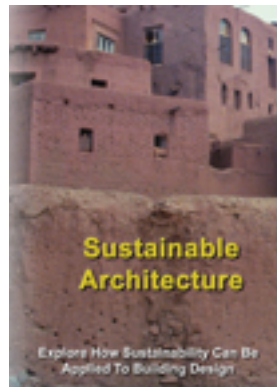


Sustainable Architecture

Item #: SP-043

Explore planning and design; basic building design; embodied energy and resource use in buildings; heating, cooling and ventilation; lighting; infrastructures; and a holistic, or complete, view of the whole building and design process. This program has interviews with Robert & Diane Gilman, Amory Lovins of Rocky Mountain Institute and Mike & Judy Corbett of Village Homes. You also hear from professors of Vernacular Architecture, Sustainable Design and Community Planning, an Indoor Environmental Quality Specialist, two Solar Architects, a General Building Contractor, a Landscape Architect and two other Architecture Professors. DVD 38 min.

Price: ₩178,000



Sustainable Landscape: Ecological Design Principles

Item #: SP-019

Learn appropriate landscaping principles to add beauty, function, economy and sustainability to a design. Utilize the natural growth habits of plants; increase biodiversity; select and group plants to promote water efficiency and microclimate control; grade landscapes to promote ground water recharge and to discourage erosion and runoff and see techniques to harvest the nutrient, energy and water resources of the landscape. This is the best video available for showing students how horticulture can aid environmental regeneration and protection. DVD 32 min.

Price: ₩178,000



Sustainable Environments

Item #: SP-033

This popular program defines sustainability and then explores how sustainable systems, or loops, work in the natural world. You examine the elements of sustainable environments including: diversity, interdependence, the ability to adapt or evolve and how resources are utilized. This is followed by effective examples of how this understanding can lead to solutions in the design and implementation of the built environment. With interesting interviews and a wide variety of locations, you see how sustainability can be applied to agriculture, transportation systems, buildings and landscapes, and life-styles and work. This is ideal for introducing students to the understanding and importance of working towards sustainability with an interdisciplinary approach. DVD

Price: ₩178,000



Sustainable Design Series 4 Titles Set DVD

- Resourceful Materials and Methods 24 min.
- Sustainable Architecture 38 min.
- Sustainable Landscape 32 min.
- Sustainable Environments 33 min.

Set Price ₩592,000

Introduction to Universal Design

Item #: SP-035

Explore a brief history of how the philosophy of accessibility, known as Universal Design, has emerged. Through the basic criteria of Universal Design, this program shows how designers meet requirements of The Americans with Disabilities Act, (ADA). Gain an understanding of attitudinal and physical barriers to accessibility, how they originate and how to minimize them. This video defines the concept and criteria of a continuous path of travel and sets the foundation for the following program.

30 min

Price: ₩178,000



alterations of existing structures are also shown. Numerous design specifications are interwoven throughout this interesting and comprehensive program. 35 min.

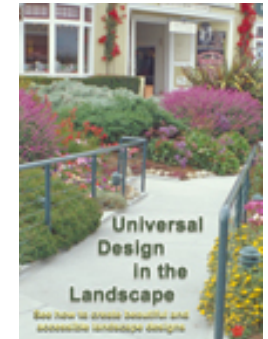
Price: ₩178,000

Universal Design in the Landscape

Item #: SP-020

See how to create accessible designs that are beautiful, appropriate and functional. With a path-of-travel approach, you visit the landscapes of parks, playgrounds, botanical gardens, residences and institutions, to name a few. In addition to the hard and softscape design of new landscapes, the retrofitting of existing landscapes is also shown. DVD 34 min.

Price: ₩178,000



Universal Design in Architecture

Item #: SP-036

The third video in this series shows in-depth examples of good, accessible design involving the path-of-travel through buildings. Visit the designers and/or users of a universally designed recreation center, a shopping center, residences, business establishments and a library to name a few. In addition to the accessible, functional and appropriate design of new structures,



Universal Design 3 Titles special DVD

-Introduction to Universal Design 30 min.

-Universal Design in Architecture 35 min.

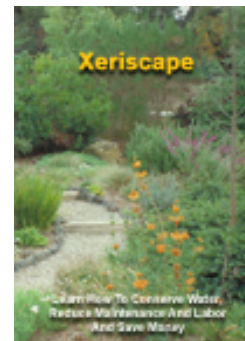
-Universal Design in the Landscape 34 min.

Set Price ₩444,000

Xeriscape: Land. To Conserve Water

Item #: SP-037

Learn how to conserve water, reduce maintenance, labor and save money. See how these techniques greatly enhance both the beauty and function of landscapes. Explore: proper plant selection; climatic factors and functional considerations in site analysis; soil testing ; creative use of color, form and texture;



hydrozoning; incorporation of turf areas; proper irrigation system selection, water audits, and irrigation scheduling; soil management via mulches, ground covers, and soil amendments; hardscaping for function and water/maintenance savings. 26 min.

Price: ₩178,000

Efficient Water Management in the Landscape

Item #: SP-038

Learn about soil texture and structure, soil water holding capacity, water infiltration rates, evaporation, transpiration, evapotranspiration, irrigation scheduling, drip irrigation and other management practices. See how to implement an irrigation management program which will drastically reduce water use in both new and existing landscapes. 27 min.

Price: ₩178,000

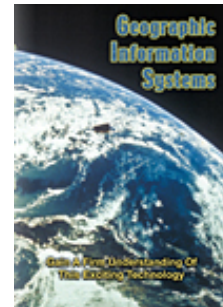


Geographic Information Systems

Item #: SP-039

Teachers, students and professionals gain a firm understanding of Geographic Information Systems, or GIS with this excellent video. This program effectively shows what GIS is and what it can do. See how GIS can help in land use decision making, at a number of different scales. This tool allows us to overlay and process data that is important to our present and future decision making. This popular video was put together by a diverse group of specialists, ranging from Landscape Architects and City Planners to Agriculturists and Soil Scientists. 28 min.

Price: ₩178,000



Landscape Irrigation Systems:

Maintenance & Troubleshooting

Item #: SP-040

Simply the most complete and relevant maintenance and troubleshooting program available. Explore valves, pipes, heads, connectors and controllers. Irrigation systems may seem simple from above the ground, but below the ground lies a maze of pipes and fittings designed to withstand the forces of a dynamic environment. Their purpose: to supply the proper water coverage to a complex and ever-changing landscape. Learn to understand the relationship between the equipment and the landscape and the equipment built in strengths and weaknesses. Join us as we troubleshoot real problems in the field. From residential to commercial and industrial, our step by step process will supply you with a logical path to solving challenging



problems. 30 min.

Price: ₩178,000

Opportunity to Grow: Horticultural Therapy

Item #: SP-041

Explore a successful horticultural therapy program. This is a great example of a complete horticultural therapy program that integrates facilities, landscapes, workers, businesses and the community. 10 min.

Price: ₩178,000



Plant Taxonomy: The Universal Language

Item #: SP-042

In Plant Taxonomy: the Universal Language (DVD) students will learn the difference between a plant species and a sub-species, and how those plants are related to hybrids, varieties and forms? These questions have often created frustration and confusion between botanists, horticulturists and scientists. Finally there is a detailed video which explains the systems for naming, classifying and identifying plants. Plant Taxonomy: The Universal Language, is a video program which covers many related topics including scientific nomenclature, classification, identification and field botany. The first half of the program starts by introducing viewers to the internationally recognized system of binomial nomenclature developed by Carl Linnaeus(1707-1778). While older models of classification are based on plant morphology, this program also presents new systems based on recent molecular findings. See how plant samples and records are stored in a modern herbarium. Text graphics make it easy for students to grasp the many rules which are used when recording plant names. The second half of the video shows how to develop observation skills for recognizing plant families in gardens and natural environments. Clear and readable text is shown as the narrator presents the terms used to describe flowers and leaves. These terms are repeated as students see how to identify flowering plant families and species. Dichotomous keys are shown alongside video images which help to illustrate the key terms and definitions as they are being narrated. Extensive graphics, clear examples, original music and beautiful photography make this program a powerful resource on this complex yet important topic. Part 1: 21 min. Part 2: 28 min

Price: ₩232,000

