

## AED - AGRICULTURE TITLES IN STOCK

### AGRICULTURAL MECHANICS

HSAGRI001	<b>DIESEL ENGINES MAINTENANCE, DVD</b>	<b>R2 000.00</b>
HSAGRI002	<b>FARM IMPLEMENTS: TILLAGE, DVD</b>	<b>R2 000.00</b>
HSAGRI003	<b>FARM IMPLEMENTS: PRE-HARVEST AND HARVEST, DVD</b>	<b>R2 000.00</b>
HSAGRI004	<b>FARM IMPLEMENTS: PLANTING AND CULTIVATION, DVD</b>	<b>R2 000.00</b>
HSAGRI005	<b>FARM SAFETY EQUIPMENT, DVD</b>	<b>R2 000.00</b>
HSAGRI006	<b>SAFETY AND OPERATION OF TOOLS, DVD</b>	<b>R2 000.00</b>
HSAGRI007	<b>HAND TOOL ID AND TERMINOLOGY I, DVD</b>	<b>R2 000.00</b>

### PLANTS, CROPS AND SOIL SCIENCE

<b>Farming in the Old Days: Small Grains</b>	<b>R2 000.00</b>
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This DVD examines the production, harvesting, and threshing of small grains from 6000 B.C. to the 1930's.

*DVD / 1998 / 31 min / HSAGRI008*

<b>Strategies for Sustainable Agriculture 6 Vol. DVD set, HSAGRI009</b>	<b>R8 500.00</b>
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<b>Strategies for Sustainable Agriculture 6 vol. Set</b>	
Field Crops	29 min.
I.P.M. for Apples	29 min.
I.P.M. for Vegetables and Small Fruit	29 min.
High Value Marketing	29 min.
Rotational Grazing	29 min.
Vegetables	29 min.

**PRICES EXCLUDE VAT**

#### AFRICAN EDUCATIONAL DISTRIBUTORS

From: Paula van Rensburg

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**Sustainable Agriculture 4 Vol. DVD set, HSAGRI010****R8 000.00**

Visit a wide range of farmers and entomology farm advisors who are implementing tactics that enhance a farm's biological diversity. See how sustainable agriculture is efficient in the use of natural resources, ecologically sound and economical. Explore the farm-estuary connection- see how farmers are reducing soil loss and improving waterways. Learn about sustainable systems, or loops in the natural world.

<b>SUSTAINABLE AGRICULTURE SERIES DVD</b>	
<b>Farmscaping: Tactics for Achieving Sustainable Agriculture</b>	27 min.
<b>Sustainable Agriculture</b>	30 min.
<b>The Farm-Estuary Connection</b>	22 min.
<b>Sustainable Environments</b>	33 min.

**The Fundamentals of Pruning,****R2 000.00**

This program is an effective balance of technique and application. This 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 hedges, roses, conifers, flowering shrubs and more. DVD 27 min. HSAGRI011

**Pruning Fruit Trees****R2 000.00**

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. DVD 32 min. HSAGRI012

**Pruning Ornamental Trees****R2 000.00**

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. HSAGRI013

**Arboriculture: Modern Tree Care****R2 000.00**

Get a current and comprehensive view of the profession known as arboriculture. This terrific new two-part video has detailed sections on the current safety requirements, planting and staking ornamental trees, climbing, lift-truck operation, pruning, and analyzing tree problems. The duckbill root-anchoring system is demonstrated as well as the use of ultrasound technology for generating computer images of the trees interior condition. The program takes a look at the latest tree-care equipment and materials being used and developed in the United States and Europe. DVD Part I: 18 min. Part II: 23 min. HSAGRI014

**MANAGEMENT INTENSIVE GRAZING, HSAGRI015****R2 000.00****PRICES EXCLUDE VAT****AFRICAN EDUCATIONAL DISTRIBUTORS****From: Paula van Rensburg****Tel: 011 616 8415 / 076 063 4320 Fax: 011 615 5384 E-Mail: paulavr@xsinet.co.za**

## IRRIGATION

### Irrigation and Water Mgt. 3 DVD Set

**R7 000.00**

Save when you buy this set over purchasing the three separately. This set includes those listed above: Efficient Water Mgt. in the Landscape, Xeriscape, Landscape Irrigation Systems: Maintenance and Troubleshooting. HSAGRI016

### Irrigation

**R2 000.00**

This video traces the history of irrigation. It discusses surface irrigation, groundwater, a variety of modern technologies, and research regarding irrigation. The program covers various water sources, terrain types, crop types, and irrigation systems.

*DVD / 1994 / 32 min / HSAGRI017*

### Drip Irrigation and Fertigation Management of Vegetable

**R2 000.00**

### Crops

This video teaches how to improve fertilizer and water management to increase profitability, decrease potential groundwater contamination, and conserve water. It explains nitrogen cycling and crop nitrogen demands, describes irrigation scheduling techniques, provides strategies for developing efficient fertigation programs, and demonstrates the uses of fertility and soil-moisture monitoring techniques.

*DVD / 1995 / 29 min / HSAGRI018*

### Irrigating the Land

**R2 000.00**

Introducing irrigation, this program considers its benefits, examines the relationship between soils and irrigation, looks at a variety of irrigation systems, covers water supply, and explores irrigation management. It also highlights the environmental impacts of irrigation.

*DVD / 2008 / 36 min / HSAGRI019*

## GREENHOUSE SCIENCE AND MANAGEMENT

### GREENHOUSE DESIGN AND CONSTRUCTION

**R2 000.00**

**Item Number:** HSAGRI020, **Duration:** 25 min.

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.

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**FIELD TRIP: THE GREENHOUSE****R2 000.00****Item Number:** HSAGRI021, **Duration:** 25 min.

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.

**GREENHOUSE AND NURSERY SAFETY: SAFETY PROGRAM****R2 000.00****Item Number:** HSAGRI022, **Duration:** 17 min.

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.

**GREENHOUSE AND NURSERY SAFETY:****R2 000.00****INDUSTRY IN ACTION****Item Number:** HSAGRI023, **Duration:** 37 min.

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 evaluative findings. Topics covered include employee training sessions, safety committees, exercise programs, incentive plans, insurance savings and government regulations. A supplement is included.

**MARKETING GREENHOUSE CROPS****R2 000.00****Item Number:** HSAGRI024 **Duration:** 23 slides - POWERPOINT

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. 23 slides.

**Greenhouse Hydroponics****R2 000.00**

Learn about media preparation, seed sowing, transplanting and growing-on. Examine different types of bedding plants and how they're used in landscapes. DVD 27 minutes, HSAGRI025

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## LANDSCAPING

### Art of Landscaping,DVD

**R2 000.00**

Item Number: HSAGRI026

Lesson topics include:

- Budgeting for a landscape project
- Design a landscape
- Proper planting methods
- Maintaining a landscape
- Landscape site analysis
- and many more

Increase students' level of learning the Art of Landscaping with this on-site field trip hosted by Howard Garrett, author of Landscape Architect.

- Learn how to work with a budget
- Delve into site analysis, along with demolition, layout, grading, planting, irrigation and lighting plans
- Watch proper planting techniques for trees, shrubs, grasses, groundcovers, vines, flowers and container plants

### Landscape Design: Introduction,DVD

**R2 000.00**

Item Number: HSAGRI027

Lesson topics include:

- Career description of a landscape designer
- Artistic elements of landscape design
- Artistic principles of landscape design
- Skills used by landscape designers
- and many more!

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

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## **Landscape Design,DVD**

**R2 000.00**

Item Number: HSAGRI028

Lesson topics include:

- Design a landscape
- Evaluate artistic elements of landscape design
- Landscape site analysis
- Evaluating landscape design programs
- Developing a landscape plan
- Installing a landscape project
- and many more!

This presentation demonstrates multiple subject disciplines, involving professional collaborators.

Explore artistic principles (repetition, balance, unity, dominance, scale) and artistic elements (form, texture, line, color)

Discuss scientific and technical knowledge and skills used by landscape designers

Learn the five steps in the design process: site analysis, design program, schematic diagram, plan development and project installation

Understand the complexities of presenting ideas for landscape design after listening to a garden designer, landscape contractor and landscape architect.

## **Landscape Design: Design Process**

**R2 000.00**

Item Number: HSAGRI029

Lesson topics include:

- Site analysis
- Design program
- Schematic Diagram
- Plan development
- Project instalation
- Career exploration
- and many more!

Viewers follow a landscape designer as she meets with a homeowner and then plans and implements ideas for a new residence.

The designer illustrates and explains the five steps in the design process: site analysis, design program, schematic diagram, plan development and project installation. She stresses the three cornerstones of her profession: professional knowledge and ability, effective communication with the client, and competent interaction with subcontractors. A supplement is included.

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## Landscape Design: Presentation Techniques,DVD

R2 000.00

Item Number: HSAGRI030

Lesson topics include:

- Design principles and technique
- Garden project
- Park rehabilitation project
- Career exploration
- and many more!

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

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

R2 000.00

**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 are 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. HSAGRI031

### Safety, Design and Selection of Hand Tools

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 minutes. HSAGRI032

### Hand Tools for Digging, Weeding & Cultivation

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 minutes. HSAGRI033

### Landscaping, Planting & Watering Tools

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 sowing 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. HSAGRI034

### Hand Tools For Pruning and Cutting and Hand Tools For Grooming and Curb Appeal

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. HSAGRI035

## FORESTRY

### INTRODUCTION TO FOREST MANAGEMENT

**R2 000.00**

**Item Number:** HSAGRIO36 **Duration:** 45 min - DVD

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

### FUNDAMENTALS OF FORESTRY

**R2 000.00**

**Item Number:** HSAGRI037 **Duration:** 39 min - DVD

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.

### TREE ID

**R2 000.00**

**Item Number:** HSAGRI038 **Duration:** 39 min - DVD

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.

### PRACTICE TREE ID

**R2 000.00**

**Item Number:** HSAGRI039 **Duration:** 25 min - DVD

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

### FIELD TRIP: TREE FARM

**R2 000.00**

**Item Number:** HSAGRI040 **Duration:** 24 min - DVD

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.

### FIELD TRIP: LUMBER PRODUCTION

**R2 000.00**

**Item Number:** HSAGRI041 **Duration:** 39 min - DVD

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.

**PRICES EXCLUDE VAT**



## COMPOST AND FETILIZERS / SOIL

### Fertilizers 1

**R2 000.00**

This program explains the relationships among soil, plants, and nutrients. It introduces essential plant nutrients and explains how the physical and chemical properties of soil influence nutrient availability.

*DVD / 2003 / 21 min / HSAGRI041*

### Fertilizers 2

**R2 000.00**

This DVD examines nutrient availability, nutrient deficiencies, and the diagnosis of plant problems. It discusses the factors that affect nutrient availability and absorption, covers deficiency symptoms, and teaches how to identify deficiency.

*DVD / 2003 / 22 min / HSAGRI042*

### Fertilizers 3

**R2 000.00**

Demonstrating soil fertility testing, this program shows how to collect soil samples for laboratory analysis. It defines key terms used in the fertilizer industry, teaches how to interpret the information found on fertilizer labels, and discusses organic and inorganic fertilizers.

*DVD / 2003 / 23 min / HSAGRI043*

### Fertilizers 4

**R2 000.00**

This program shows how to develop a cost-effective fertilization program. It teaches fertilizer calculations, demonstrates the use of fertilizer injectors, and teaches how to solve equations necessary to the design of a constant-feed program.

*DVD / 2003 / 22 min / HSAGRI044*

### Fertilizers and the Environment

**R2 000.00**

Explaining that fertilizers help replenish essential nutrients that soil loses, this program examines fertilizers. It covers such topics as the nutritional requirements of plants, the purpose of fertilizers, fertilizer analysis, types of fertilizers, application, necessary equipment, costs, records and scheduling, and handling and storage. The DVD also considers the effects that fertilizers have on the environment.

*DVD / 2008 / 35 min / HSAGRI045*

### The Science of Biological Decomposition:

**R2 000.00**

### Effective Composting Methods

This DVD discusses the organisms that work to break down organic matter. It teaches how to effectively use these organisms to create compost.

*DVD / 1993 / 33 min / HSAGRI046*

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## Composting and Compost Temperatures

**R2 000.00**

Featuring Paul Wuest, professor of plant pathology at Penn State, this program examines the steps of mushroom compost production and emphasizes the importance of temperature monitoring. The DVD follows the actual construction of a mushroom compost pile.

*DVD / 1979 / 21 min / HSAGRI047*

## Properties of Soil

**R2 000.00**

This DVD teaches how soil is formed; describes such characteristics as texture, structure, water, slope, depth, and color; examines soil-forming factors; and shows how different types of rock form different types of soil.

*DVD / 2002 / 24 min / HSAGRI48*

## Soil Conservation

**R2 000.00**

Examining the impacts of soil erosion on the world economy, this video details its causes and explores methods of prevention. It traces the history of the soil conservation movement and teaches such soil conservation techniques as planting, creating water runoffs, and managing topsoil.

*DVD / 1997 / 30 min / HSAGRI049*

## Soil Organic Matter

**R2 000.00**

This video details the benefits of soil organic matter; describes such sources of organic matter as cover crops, manure, crop residue, and composts; and discusses organic matter and waste amendments that improve organic content. It also shows how to make compost.

*DVD / 1983 / 12 min / HSAGRI050*

## Soil and Tissue Testing

**R2 000.00**

Teaching how to take a soil sample to test for nutrient requirements, pH, and salt problems, this video shows how to analyze plants for nutritional status, nutrient deficiency, and fertilizer efficacy.

*DVD / 1983 / 16 min / HSAGRI051*

## Soil Biology DVD

**R2 000.00**

This program is loaded with information on the many organisms which make up the soils environment. From easily visible earthworms to microscopic bacteria, discover 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. Also see human attitudes towards soil organisms and learn 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. 24 minutes. HSAGRI052

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## PLANTS

### The Botany Series

**R2 000.00**

This DVD set includes three titles: **Plant Reproduction, Photosynthesis, and Introduction To Botany** (this program is actually two separate parts). These programs provide a very good introduction to botany.  
The Botany Series HSAGRI053

### Introduction To Botany

**R2 000.00**

Introduce students to the science of botany. This subject is examined from adaptation to life on land, through modern plants and human dependency and interaction with the plant kingdom. Lab experiments that can easily be duplicated in the classroom illustrate plant structure and transport. Learn the plant kingdom via the organizing principles of plant classification and the development of modern land plants. Plant families, growth and development, soil and nutrition, transport and movement, and natural cycles relating to plant life are all examined.

Chapters include Adaptations to Land, Non-Vascular Plants, Gymnosperms, Angiosperms, Structure and Growth of Vascular Plants, Movement and Response, Nutrition, and Plants and the Future. 2 DVDs, 50 minutes total. HSAGRI054

### Photosynthesis

**R2 000.00**

This very popular video carefully and logically examines each element in the complex interaction that is photosynthesis. Subjects covered include the nature of energy, atoms, molecules and cells; glucose and ATP; the requirements for photosynthesis; the mechanics of photosynthesis; and respiration. The role and importance of photosynthesis in the food chain and in the production of oxygen is outlined. HSAGRI055

### Plant Reproduction

**R2 000.00**

This very popular video carefully and logically examines each element in the complex interaction that is photosynthesis. Subjects covered include the nature of energy, atoms, molecules and cells; glucose and ATP; the requirements for photosynthesis; the mechanics of photosynthesis; and respiration. The role and importance of photosynthesis in the food chain and in the production of oxygen is outlined. HSAGRI056

### Cells: The Structure of Life DVD

**R2 000.00**

This program explains the difference between prokaryotic and eukaryotic cells and then explores in detail the structure and function of the major organelles found in eukaryotic cells. Examined organelles include: the nucleus, ribosomes, smooth and rough endoplasmic reticulum, the Golgi complex, lysosomes, chloroplasts, mitochondria, plastids, contractile and central vacuoles, cilia, flagella and the microtubules, microfilaments, and intermediate filaments that make up the cytoskeleton. The program concludes by looking at how cellular shape varies with cellular function. 32 min. DVD HSAGRI057

### LIFE PROCESS OF PLANTS

**R2 000.00**

### Fundamentals of Pruning

**R2 000.00**

This program discusses plants' responses to pruning, shows proper tool selection and use, and explains when to prune. It teaches how to apply pruning principles to such plants as ornamental trees, hedges, conifers, flowering shrubs, and roses.

*DVD / 2000 / 27 min / HSAGRI058*

### Thrilling Experiments: Plants

**R2 000.00**

Using a variety of experiments, this program introduces plant science. It teaches about the xylem and phloem, the processes of pollination and photosynthesis, and the functions of root systems.

*DVD / 2001 / 17 min / HSAGRI059*

**Propagation Series Vol. 1-3** HSAGRI060**R2 000.00**

<b>Propagation Series Vol. 1-3 includes the three programs below</b>	
Vol. 1 Seeds DVD	DVD 32 min. © 2000
Vol. 2 Cuttings DVD	DVD 35 min. © 2000
Vol. 3 Vegetative Techniques DVD	DVD 28 min. © 2000

**Propagation Series Vol 4-6 DVD set** HSAGIR061**R2 000.00**

<b>Propagation Series Vol. 4-6 includes the three programs below</b>	
Vol. 4 Tubers and Tuberous Roots	DVD 28 min. © 2010
Vol. 5 Hybridization	DVD 28 min. © 2010
Vol. 6 Grafting Vegetables- Approach and Cleft Grafting	DVD 28 min. © 2010

**Propagation Series Vol 7-9 DVD set** HSAGRI062**R2 000.00**

<b>Propagation Series Vol. 7-9 includes the three programs below</b>	
Vol. 7 World Food Crops: Grains and Legumes	DVD 28 min. © 2010
Vol. 8 World Food Crops: Tropicals	DVD 28 min. © 2010
Vol. 9 World Food Crops: Roots	DVD 28 min. © 2010

HSAGRI063 **BEDDING PLANT PRODUCTION, DVD****R2 000.00**HSAGRI064 **FOLIAGE PLANT PRODUCTION, DVD****R2 000.00**HSAGRI065 **POTTED PLANT PRODUCTION, DVD****R2 000.00**HSAGRI066 **FIELD GROWN PLANTS, DVD****R2 000.00**HSAGRI067 **CONTAINER GROWN PLANTS, DVD****R2 000.00**HSAGRI068 **BUDDING AND GRAFTING, DVD****R2 000.00****PRICES EXCLUDE VAT****AFRICAN EDUCATIONAL DISTRIBUTORS****From: Paula van Rensburg****Tel: 011 616 8415 / 076 063 4320 Fax: 011 615 5384 E-Mail: paulavr@xsinet.co.za**

## PEST MANAGEMENT

### **Integrated Pest Management 4 Vol. 5 DVD set HSAGRI069**

**R9 000.00**

Save when you order all four titles in the I.P.M. Set.

I.P.M. DVD SET

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

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

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

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

Or – Purchase individually:

### **I.P.M. in Agriculture DVD HSAGRI070**

**R2 000.00**

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

### **I.P.M. in Greenhouses DVD HSAGRI071**

**R2 000.00**

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. 27 min.

### **I.P.M. in the Landscape DVD HSAGRI072**

**R2 000.00**

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's Epcott Center and San Francisco's 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.

### **I.P.M. in Turf DVD HSAGRI073**

**R2 000.00**

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 and diseases, how to utilize habitat modification, physical/mechanical controls, horticultural controls, biological controls and least-toxic chemical controls to efficiently keep turf healthy.

### **Integrated Pest Management in Agriculture**

**R2 000.00**

This program explains the basic strategies of integrated pest management (IPM) and discusses proper pest identification and monitoring. It explores such control techniques as sanitation, cultivation, and the use of cover crops and demonstrates the application of IPM strategies with orchards, field crops, strawberries, and vegetable production.

*DVD / 1990 / 29 min / HSAGRI074*

**PRICES EXCLUDE VAT**

### **AFRICAN EDUCATIONAL DISTRIBUTORS**

**From: Paula van Rensburg**

**Tel: 011 616 8415 / 076 063 4320 Fax: 011 615 5384 E-Mail: paulavr@xsinet.co.za**

**Pesticide Safety****R2 000.00**

Intended for agricultural farmers, owners, managers, and workers, this video provides a course in pesticide safety. It explains how pesticides enter the body, teaches how to recognize signs and symptoms of pesticide exposure, discusses treatments for pesticide poisoning, and examines laws that protect agricultural workers.

*DVD / 1996 / 22 min / HSAGRI075*

**Pesticide Safety in the Landscape****R2 000.00**

Examining the management of plant problems, this video teaches how to determine whether to use an herbicide, which kills weeds; a fungicide, which prevents or cures plant diseases; or an insecticide, which kills or repels insects. It emphasizes the importance of reading labels, wearing proper safety gear, using correct mixing and application techniques, and following proper procedures for storage and disposal.

*DVD / 1989 / 29 min / HSAGRI076*

**Pesticides and Herbicides: An Introduction****R2 000.00**

Emphasizing the importance of pest knowledge to horticulturalists, farmers, and gardeners this program examines a variety of beneficial and harmful pests and teaches correct ways to control them. It covers such topics as classes of pesticides, safety, and integrated pest management.

*DVD / 2008 / 31 min / HSAGRI077*

**Organic Weed Control DVD****R2 000.00**

NEW This program discusses weed identification and offers organic control measures, including crop competition, tillage, cover cropping, grazing, crop rotation, sheet mulches, transplanting, and focused irrigation. It features farmers and researchers and includes examples of organic practices. 30 min. HSAGRI078

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