**Floriculture**

### Units

**AU8020**

**Growing Plants from Seeds, 44p**

Price: $5.50

This publication contains information about germination requirements, special treatments, and planting procedures. Activities include Calculating, Learning about Monocotyledons and Dicotyledons, Germinating Lettuce in Light and Dark, Eliminating Germination Inhibitors, Performing the Warm Germination Test, Performing the Tetrazolium Test for Seed Viability, Making a Seed Storage Chamber, Building a Fluorescent Light Garden, and Building a Cold Frame.

**U5006a**

**Producing Plants by Asexual Propagation, 20p**

Price: $2.75

**U5041**

**Herbaceous Perennials for Landscaping, 56p**

Price: $7.00

Contains an extensive chart of plant features, plus sections on propagation, designing, planting, maintaining, and shopping for perennials.

### CD-ROMS

**CD-HO-3**

**Plant Propagation**

Price: $60.00

This CD can help you learn to grow your new plants from seeds or from established plants. This browser-based CD contains hundreds of photos, 52 videos of propagation techniques, and almost 50 detailed drawings and animations. In addition, there are 32 quizzes, many with interactive graphics that allow for testing knowledge hands-on. Includes links out to horticulture resources on the Web.

The three main sections of the CD cover botanical and horticultural basics of propagation; seed propagation; and plant propagation using stems, leaves, and roots (vegetative propagation). Information is clearly presented and is easy to navigate. The glossary has definitions and pronunciations of terms.
MDS641
**Floral Design 1: Plant Material ID**
Price: $75.00

This PowerPoint CD-ROM is composed of several sections.

- Flower Profiles details 54 cut flowers, with photographs, pronunciations, and information on colors, availability, vase life, care/handling, and design tips.
- Foliage Profiles details 36 foliages (including some you can harvest locally) with information on availability, vase life, care/handling, and design tips.
- Dried Materials illustrates 18 different plant materials that dry well and are useful in designs; also shows designs constructed entirely with dried plant materials.
- Quizzes on flowers and foliages contain all the photographs without names—useful for drill and practice. Each photograph has a sound file so you can get immediate feedback on ID by listening to the pronunciation.
- Interactive Quizzes let the viewer answer onscreen questions by choosing among three photographs. Immediate audio and text feedback is provided.
- Handling Techniques gives detailed instructions on the 5 major ways cut flowers and foliages are stored.

Every cut flower and foliage from the Illinois and national cut flower and foliage ID lists is covered in MDS641.

MDS641-10
**Floral Design 1: Plant Material ID Quiz Pack**
Price: $250.00

Quiz Pack is a set of 10 identical CD-ROMs with only the quizzes and interactive quizzes. Useful to issue to students for self study in the horticulture classroom, the school computer lab, or at home.

MDS642
**Floral Design 2: Principles and Practices**
Price: $75.00

Need help teaching the techniques of floral design? Need help with organizing and teaching student design projects? MDS642 can help.

MDS642 is a PowerPoint CD-ROM that is composed of several sections.

- Design principles with script
- The color wheel, with specific examples of color combinations
- Techniques, including wiring, taping, working with floral foam, and transporting designs, and more
- Container styles and designs that work in them
- Identification of tools and supplies; quizzing sections are provided

Step-by-step instructions (including supply lists) are shown for

- a line design in a coffee mug
- a triangle design
- a carnation corsage
- a round centerpiece
- an evergreen wreath
**DVD102**  
**Floral Design Techniques**  
Price: $100.00  

Dianne Noland, floral design instructor at the University of Illinois, presents beginner-level floral techniques and classroom-friendly design projects on this DVD.

The first part of this presentation shows basic techniques, such as wiring flowers and foliage (6:08), working with floral foam (10:10), and packaging and moving designs (4:41).

The second part shows how to construct these five designs:

- a line design in a coffee mug (10:31)
- a triangle design (6:36)
- a carnation corsage (10:13)
- a round centerpiece (14:48)
- an evergreen wreath (18:47)

**MDS641-PK**  
**Floral Design Bundle**  
Price: $240.00  

Order this floral design bundle and save:

1. MDS641 Floral Design 1: Plant Material ID CD-ROM  
2. MDS642 Floral Design 2: Principles and Practices CD-ROM  
3. DVD102 Floral Design Techniques DVD

**MDS669**  
**Poinsettia Production**  
Price: $61.00  

This CD-ROM is a series of PowerPoint presentations about growing poinsettias. This CD-ROM includes:

- A PowerPoint file with content identical to filmstrip/slide set with the title Poinsettia Production, 78 frames
- An Adobe Acrobat file that is the 17-page script (study guide) for Poinsettia Production
- A hyperlinked series of PowerPoint presentations called A 21-week Poinsettia Crop Album. In all, this series contains 235 digital photos (with comments) taken during the production of a poinsettia crop. This extensive collection of photos can be used as is, or it can be used to create a customized PowerPoint show.
- The freely distributable Adobe Acrobat Reader and PowerPoint Viewer are included on the CD

**Transparencies**  

**T620**  
**The Principles of Floral Design, 42 fr., w/guide**  
Price: $40.00  

Explains design elements used in every good floral design. Emphasized are various major floral design principles, including Proportion, Balance, Rhythm, and Dominance. Radiation, repetition, transition, variety, and contrast are explained as minor design principles.
**X190**  
**Horticulture Plant Identification Flash Cards**  
Price: $120.00

This resource is ideal for teaching horticulture plant identification and help your students prepare for horticulture career development events. A sturdy box contains 272 cards featuring all plants on the national and Illinois FFA horticulture judging lists (at the time of printing). Each card shows the plant in full color on one side and provides a description, plant characteristics, and growing conditions on the back.

Section cards describe the 12 plant categories, which include bulbs, underground stems or plants; bedding plants; foliage plants; flowering container plants; cut flowers and foliage; herbs; herbaceous perennials; ground covers and vines; deciduous shrubs; deciduous trees; broadleaf evergreens; and coniferous plants.

Cards measure 5” x 7”; box dimensions are 5.5” x 7.5” x 3.5”.

**MDS690**  
**Horticulture Plant Identification – Digital Flash Card Set**  
Price: $99.00

This CD-ROM was created as a supplement to the Horticulture Plant Identification Flash Cards. The CD contains the complete set of cards in digital format, as well as a practice set with no names and an interactive quiz.

**SETX190**  
**Horticulture Plant Identification Set**  
Price: $199.00

Buy the Horticulture Plant Identification Flash Cards and CD-ROM together and save 10%.

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**Units**

**U5027**  
**Growing Strawberries**, 28p  
Price: $3.75

**U5027(Supp)**  
**Strawberry Cultivars**, 8p (color)  
Price: $2.00
**DVD**

**DVD101**  
**Pruning and Grafting Fruit Plants**  
Price: $100.00

Reveals the what, when, and how of several important horticultural operations. This DVD has more than 81 minutes of video divided into 7 sections, which can be navigated from a menu screen.

- **Pruning and Renovating Small Fruits**  
  - Pruning Grapes (7:45)  
  - Pruning Blueberries (11:20)  
  - Renovating Strawberries (10:50)

- **Tree Grafting**  
  - Cleft Graft (10:30)  
  - Repair Grafts (11:50)  
  - T-Bud Graft (14:40)  
  - Whip and Tongue Graft (14:10)

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**Units**

**AU8031**  
**Managing Landscape Waste**, 28p  
Price: $4.00

This unit explains the scientific aspects of decomposition and outlines strategies for recycling landscape wastes. Includes plans for a 3-bin composting center and an in-class activity that demonstrates best composting techniques.

**U5003**  
**Fertilizing and Watering Shade and Ornamental Trees**, 12p  
Price: $2.00

**U5021**  
**Identifying Tree and Shrub Insects**, 16p  
Price: $2.00

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Order online @ pubsplus.illinois.edu
**Horticulture**

U5037  
**Plant Hardiness**, 12p  
Price: $2.00

U5040  
**Pruning and Care of Trees and Shrubs**, 60p  
Price: $12.00

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**Transparencies**

T617.1  
**Landscape Construction Accessories**, 74 fr  
Price: $60.00

T617.2  
**Landscape Construction**, 86 fr  
Price: $65.00

T617.3  
**Landscape Planting and Bed Preparation**, 30 fr  
Price: $30.00

A comprehensive series that shows construction details for fences, walls, earth features, driveways, sidewalks, patios, lighting, and beds. Clear illustrations explain surveying, protecting existing features during construction, and tree planting procedures.

MT617.1  
**Landscape Construction Transparency Series**  
Price: $115.00

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**Turfgrass**

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**Units**

U5008a  
**Turfgrass Selection and Establishment**, 28p  
Price: $4.00

U5009  
**Turfgrass Maintenance in the Midwest**, 32p  
Price: $4.50

This unit describes important maintenance principles for lawns. Mowing, Fertilizing, Irrigating, Cultivating and Dethatching, Renovating, Reestablishing, and Other Practices are the major topics. Helpful cultivation, seeding, sodding, and fertilization schedules simplify planning maintenance operations.
**Booklets**

- **C1393**  
  **Identifying Turf and Weedy Grasses in the Northern United States**  
  Price: 6.75

- **C1393-PK**  
  **Identifying Turf and Weedy Grasses in the Northern United States: Value Pack**  
  (package of 10 copies)  
  Price: 60.00

This pocket ID booklet can help you identify weedy grass problems in your turf. C1393 Identifying Turf and Weedy Grasses in the Northern United States is a 3.5” x 5”, 64-page booklet that shows 23 turfgrasses and grassy weeds. C1393 includes a convenient key to grasses and illustrations of grass morphology. Each grass or grassy weed has text descriptions and 4 to 5 full-color photos to aid in identification.

- **C1397**  
  **Identifying Weeds in Midwestern Turf and Landscapes**  
  Price: 8.50

- **C1397-PK**  
  **Identifying Weeds in Midwestern Turf and Landscapes: Value Pack**  
  (package of 10 copies)  
  Price: 75.00

This easy-to-use guide identifies 37 common weeds in lawns across the Midwest. Each weed is identified with several color photos and brief descriptions of leaves, flowers, stems, and more. Look-alike are also listed so you can learn to spot the difference.

**Vegetables**

**Units**

- **AU8010**  
  **Crop Breeding: Tomato, 24p**  
  Price: $2.75

This publication describes the importance of the tomato crop, its breeding history, taxonomic relationships, crop characteristics, and breeding objectives. It includes a glossary and shows the steps in making controlled cross for the crop.
Growing vegetables takes work, but the results are well worth the effort if you plan your garden carefully. Learn how to choose the best location, determine the size of your garden, and select the right garden tools. You will also learn how to prepare the soil and take soil samples for testing.

This publication helps you select vegetable crops, featuring a list of common vegetables and their characteristics. The unit also includes information on handling vegetable seeds and transplants, how to determine the layout of your garden, and how to decide when to plant.

Once your vegetables are planted, you need to know how to care for them to ensure your efforts are fully rewarded. Learn how to cultivate the soil, irrigate, fertilize and control pests. You’ll also find information to help you decide when and how to harvest your vegetables. Includes glossary of common terms.

Set of Preparing for the Vegetable Garden, Planting the Vegetable Garden, and Caring for the Vegetable Garden; one of each publication.
U5033
**Growing and Harvesting Herbs**, 40p
Price: $5.00

**Miscellaneous**

U5038
**Horticultural Plant Names**, 12p
Price: $2.00

**Transparencies**

T630
**Practical Horticulture**, 51 fr.
Price: $45.00

Provides general illustrations and reference tables for horticulture. Use to supplement lectures and talks or for projection during student lab exercises. Major categories are Growth and Development, Landscaping, Soils and Nutrition, and Miscellaneous.

**Manuals, Disease Sheets and CD-ROMS**

Horticulture Diseases and Pests Picture Sheets
Price: $16.50 per bundle (Sold only in bundles of 25)

- X698.01 Flower Pests I
- X698.05 Houseplant Pests I
- X698.10 Interiorscape Pests I
- X698.11 Interiorscape Pests II
- X698.16 Ornamental Insects
- X698.17 Tree & Shrub Pests I
- X698.31 Turf Pests I
- X698.46 Fruit Pests I
- X698.61 Vegetable Pests I
- X698.76 Household Pests I
- X698.77 Household Pests II
Horticulture

**X699.01** Flower & House Plant Diseases I
**X699.02** Flower & House Plant Diseases II
**X699.03** Flower & House Plant Diseases III
**X699.04** Flower & House Plant Diseases IV
**X699.05** Flower & House Plant Diseases V
**X699.06** Flower & House Plant Diseases VI
**X699.10** Interiorscape Diseases I (Disorders)
**X699.11** Interiorscape Diseases II (Disorders)
**X699.16** Tree Diseases I
**X699.17** Tree Diseases II
**X699.18** Tree Diseases III
**X699.30** Woody Ornamental Diseases I
**X699.31** Turfgrass Diseases I
**X699.35** Turfgrasses for the Midwest
**X699.36** Turfgrass Establishment in the Midwest
**X699.46** Apple Diseases I
**X699.47** Apple Diseases II
**X699.48** Cherry & Plum Diseases I
**X699.49** Cherry & Plum Diseases II
**X699.50** Grape Diseases I
**X699.51** Peach Diseases I
**X699.52** Peach Diseases II
**X699.53** Bramble Fruit Diseases I
**X699.54** Strawberry Diseases I
**X699.55** Strawberry Diseases II
**X699.56** Blueberry Diseases I
**X699.61** Vegetable Diseases I
**X699.62** Vegetable Diseases II
**X699.63** Vegetable Diseases III
**X699.64** Vegetable Diseases IV

**Horticulture Diseases, Pests, and More**

**MX600, Book only**
Price: $45.00

Spiral-bound booklets of photo identification sheets; each page has one side filled with 20 to 25 detailed color photos; the other side has concise descriptions. Simplifies identification of many horticultural plant diseases. 41 sheets which include: Flower & House Plant Diseases I-VI, Tree Diseases I-III, Woody Ornamental Diseases I, Turfgrass Diseases I, Apple Diseases I & II, Cherry & Plum Diseases I & II, Grape Diseases I, Peach Diseases I & II, Bramble Fruit Diseases I, Strawberry Diseases I & II, Blueberry Diseases I, Vegetable Diseases I-IV, Flower Pests I, Houseplant Pests I, Interiorscape Pests I & II, Fruit Pests I, Ornamental Insects, Tree and Shrub Pests I, Turf Pests I, Vegetable Pests I, Interiorscape Diseases I (Disorders), and Interiorscape Diseases II (Disorders), Turfgrasses for the Midwest, Turfgrass Establishment in the Midwest, Household Pests I & II.

**CDR600, (CD-ROM only)**
Price: $60.00

CDR600 Horticulture Diseases, Pests, and More is a CD-ROM containing these 41 color photo sheets dedicated to horticultural topics. Each sheet has the front filled with multiple, labeled images of problems and the back of each sheet describes problems.

**SETMX600, (CD-ROM + book)**
Price: $100.00