Integrating "Open Access" Internet Classroom Instruction

Speedling Inc., Blairsville, Georgia

With Extension Education

Definition Of "Open Access"

Any educational website that allows the general public to have full access to the educational product.

Having a duo purpose, to train traditional students and train growers not registered in the university system. Growers access through the Cooperative Extension Service
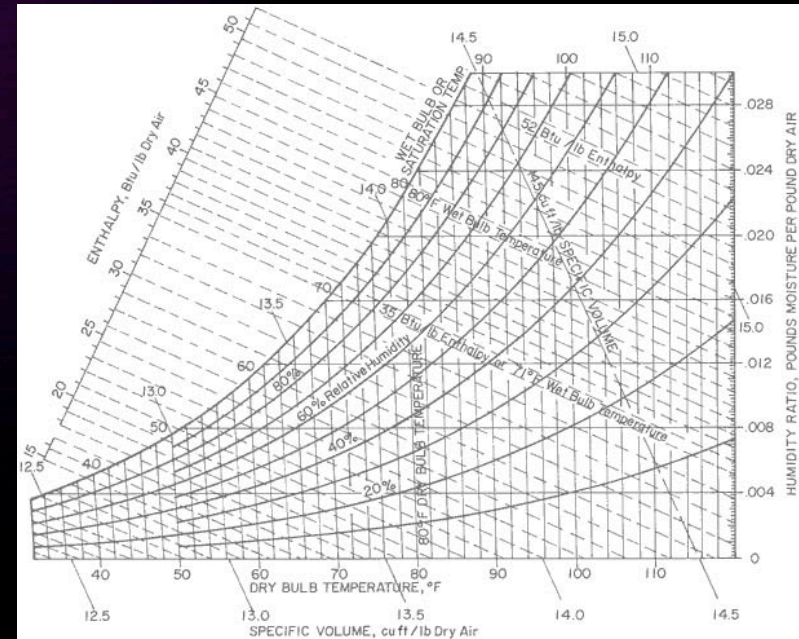

Yes…that means no fees!

Open Access Advantages

24/7 Web Access For All

Concise, Focused Lectures

Real-Time Support

Growers Know Curriculum

Handouts as PDF's

Videos (Greenhouse Process)

Email Contact / Dialog

Excellent Public Relations

Psychrometric Chart

GREENHOUSE MANAGEMENT
HORT 4050

Department of Horticulture
College of Agricultural and Environmental Sciences

Junior/Senior Class (4050) with a Grad Option (6050)

Traditional Classroom Lectures with Text Book

Greenhouse Crop "Team Projects"

Crop Demonstration Assessments w/ Abstracts

Field Trips To "High Tech" Greenhouses

Traditional Exams and Quizzes

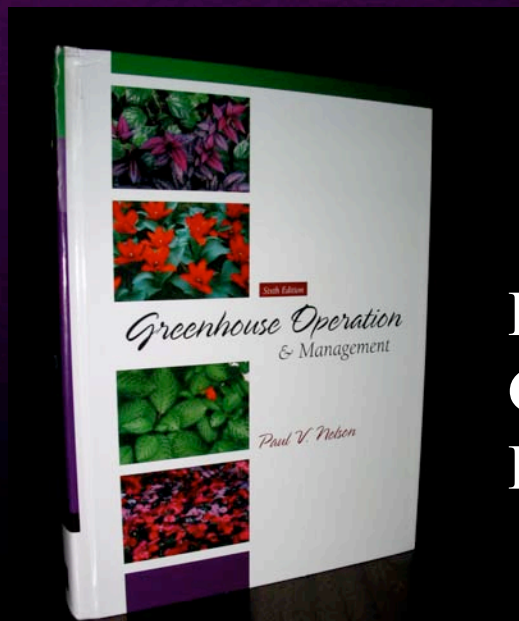Exams are formatted for short paragraph answers

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Upgraded Web Components

24/7 Web Access To Materials
PowerPoint / PDF Downloads
Notes as Text Files
Excel Spreadsheet Tutorials
Videos (Greenhouse Processes)
Web Access to Resource Links

Paul V. Nelson NC State University
Greenhouse Operation & Management
Prentic Hall, Sixth Edition

PowerPoint Lectures

http://128.192.110.246/pthomas/Hort4050.web/Hort4050/

Site Developed In Cooperation with Dr. Doug Bailey

1. PowerPoint Lectures

2. Notes & Image Galleries

3. Excel Web Demos

4. Web Links / Resources

Excel Spreadsheet Support

Developed Spreadsheets

Plant Growth Regulator Calculations

Heating and Cooling

Fertilizer

Cost of loans / Pricing

Bench Efficiency

Procedural Videos

30 second – 20 minute displays

Can be repetitively reviewed

Key greenhouse skills

Key greenhouse operations

Replaces some field trips

Inexpensive to make

Captivates students

Traditional Field Trips

Speedling Inc., Blairsville, Georgia

Hands-On Lab Exercises

Students Grow Poinsettias/ Pansies

Watering/Fertilization Techniques Stressed

Planting Bulbs for Forcing

Demonstration Evaluations

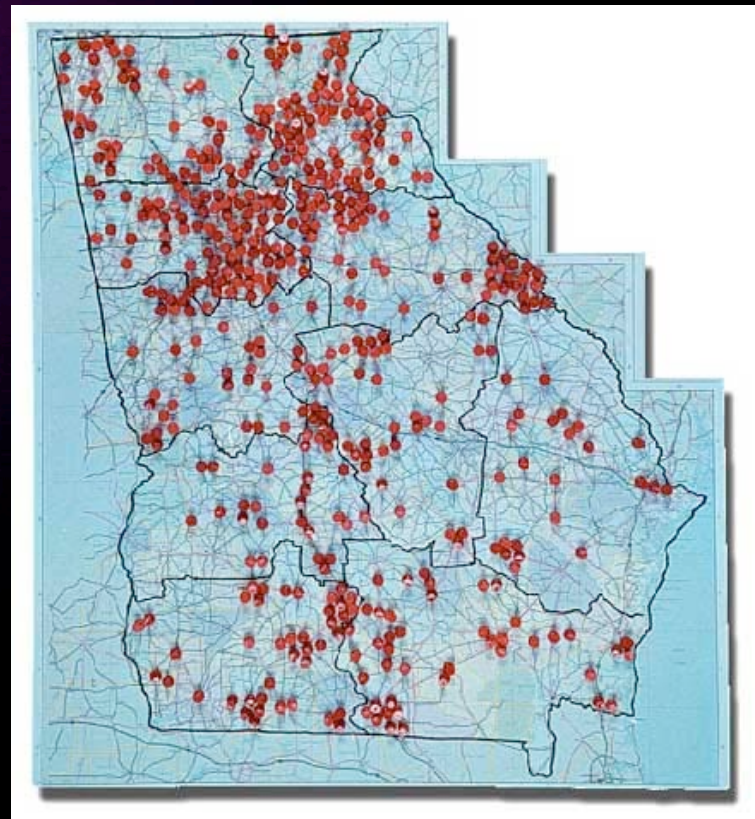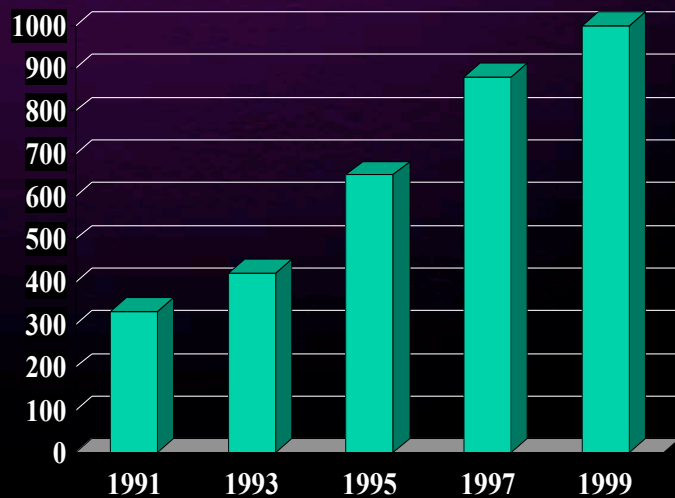Phytochrome Management

Greenhouse Sanitation

Follow Crop Videos

Commercial Growers

Licensed Greenhouses

Grower Distribution

Increased Business Assessment

On line business math calculations

Resource base / publications

Educational Programs Offered Through State Grower Associations

Getting Started In The Greenhouse Business School

GFGA/Grower Sponsored Greenhouse Gatherings

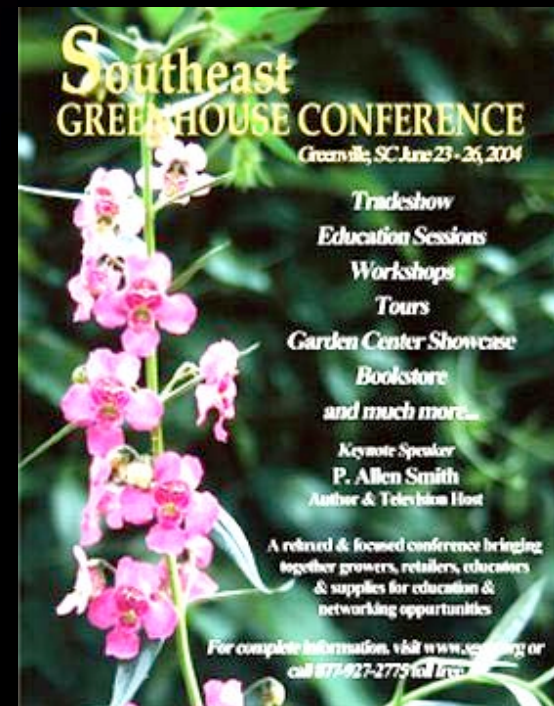# Website Access Offered Through The Cooperative Extension Service

Greenhouse Management
For Master Gardeners

Agent Training

County Programs

Field Days

Master Gardener

Individual Growers

Program Building Resource

Student Recruitment: "Let me show you what we teach!"

Class Evaluations

Hort 4050 - Average of 6 years since 1997
  5 = Poor, 1 = Excellent

	1998-2000	Web Based 2001-2003
Instructors Knowledge	1.47	1.19
Instructors Enthusiasm	1.38	1.20
Encouraged Students To Think	1.70	1.34
Overall Rating of Instructor	1.94	1.34