Hydroponics

11:00-12:30  Fine Tuning Nutrient Solution and Irrigation Management
2:00-3:00    Choosing Varieties for Hydroponic Production
4:30-5:30    Biological and Chemical Insect Control in Greenhouses
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For more information on Small Farms, visit our website at: http://smallfarms.ifas.ufl.edu or contact your local County Extension Agent.

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Greenhouse Hydroponic Vegetable Variety Observations

Wanda Laughlin,
Greenhouse Manager
UF/IFAS Suwannee Valley Agricultural Extension Center
Suwannee Valley
Agricultural Extension Center

• Greenhouse hydroponic trials and demonstrations since 1988
• Three greenhouses—each about 1500 sq. feet
• One open shade structure—1600 sq. feet
• Open outdoor hydroponics
• Northern Florida
  • Cold in winter; temperatures in the low 20s not unusual
  • Shut down greenhouses by July
  • Continue shade production throughout summer
Tomato

"TRUST"

Main Indeterminate Beefsteak Variety
Cucumber

- Mini or Beit Alpha
- seedless
- thin-skinned
- no shrink wrap
- all female
- not pollinated
- delicious
Pepper

- Colored bells for greenhouse
- Green bells for open shade
Lettuce

- Loose Leaf
- Romaine
- Bibb
- Buttercrunch
Spinach and Mustard
Swiss Chard and Kale
Carrot
Edible Flowers
Herbs
Goodbye