

Oklahoma Beginning Farmer and Rancher Program

Course Materials - Horticulture

Horticulture #1

[How to Take a Soil Sample to Yield an Accurate Soil Test](#)
(Video - George Kuepper)

Soil Testing

[A&L Reference Guide: Soil Sampling](#)

[A&L Soil Analysis Fee Schedule](#)

[A&L Soil Sample Information Sheet](#)

[Soil Test Interpretations for Vegetable Crops](#)

(OCES HLA-6036)

[Soil Testing: The Right First Step](#)

(OCES L-249)

[OSU Soil Test Pricing](#)

[Managing Soils](#)

(Penn State Extension)

[Natural Sources of Plant Nutrients](#)

(Maine Organic Farmers and Gardeners Association Fact Sheet #11)

[Rotations, Cover Crops, and Green Fallow on the Cannon Horticulture Project: A 2010 Status Report](#)

[A Brief Overview of the History and Philosophy of Organic Agriculture](#)

[Compost & Soil Humus Resource List](#)

[How We Converted Bermuda Pasture to Organic Vegetables](#)

[Organic Production in Oklahoma: Questions & Answers](#)

[Small Scale Organics: A Guidebook for the Non-certified Organic Gardener](#)

[Market Gardening: A Startup Guide](#)

(ATTRA)

[Kerr Center Seed & Supply List](#)

[Vegetable Planting Guide](#)

(High Mowing Seeds)

Organic System Development & Certification

[Are We Organic Yet? A Quick Overview of Certification and What it Means to be Organic](#)
[Elements of Organic Gardening - Putting Your System Together](#)

Slideshow Presentations

[Seeds, Seeding, and Growing Transplants](#)

Luke Freeman

[Soil Management: Site Selection, Soil Fertility](#)

Warren Roberts & George Kuepper

[Soil Testing, Soil Sampling, and Soil Fertility](#)

Warren Roberts & George Kuepper

[Building a Sustainable Business: Lesson 1 & 2](#)

David Redhage

[Building a Sustainable Business: Lesson 3](#)

David Redhage

[Are We Organic Yet?](#)

George Kuepper

Horticulture #2

Presentations

[Soils and Organic Fertility Management](#)

Warren Roberts & George Kuepper

[Building a Sustainable Business: Lesson 4](#)

David Redhage

[Water and Irrigation Systems for Market Farming](#)

Luke Freeman

[On-farm Composting and Vermicomposting](#)

Luke Freeman

Video

[How to Make Compost](#)

Luke Freeman

[Vermicomposting at Kerr Center I](#)

Luke Freeman

[Vermicomposting at Kerr Center II](#)

Luke Freeman

Handouts

[A Basic Summary of The National Organic Program Manure and Manure-Compost Regulations](#)

(Kerr Center)

- [Basics of Vegetable Crop Irrigation](#)
(Alabama Cooperative Extension System ANR-1169)
- [Blending Guide for Low-Analysis Organic Fertilizers](#)
(Kerr Center)
- [Choose the Right Garden Seed Planter](#)
(Mother Earth News)
- [Companion Planting](#)
(ATTRA)
- [Compost Presentation Notes](#)
Luke Freeman
- [Composting - The Basics](#)
(ATTRA)
- [Drip and Micro Irrigation Suppliers](#)
(Kerr Center)
- [Drip irrigation systems for small conventional vegetable farms and organic vegetable farms](#)
(Florida Cooperative Extension Service HS1144)
- [Equipment and Tools for Small-Scale Intensive Crop Production](#)
(ATTRA)
- [Fall Gardening](#)
(OCES HLA-6009)
- [Forage Legumes and Nitrogen Production](#)
(OCES PSS-2590)
- [Irrigation Scheduling to Improve Water- and Energy-Use Efficiencies](#)
(North Carolina Cooperative Extension Service AG 452-4)
- [Legume Seed Inoculation](#)
(Peaceful Valley Farm & Garden Supply)
- [Notes on Tillage & Seeding Equipment for Small Vegetable Farms](#)
(Kerr Center)
- [Horticulture Main Demonstration Plot Scheme](#)
(Kerr Center)
- [Oklahoma Garden Planning Guide](#)
(Oklahoma Cooperative Extension Service HLA-6004)
- [Planting Calendar](#)
Luke Freeman
- [Planting Guide](#)
(Sow True Seed)
- [Plug and Transplant Production for Organic Systems](#)
(ATTRA)
- [Potting Mixes for Certified Organic Production](#)
(ATTRA)
- [Scheduling Vegetable Plantings for Continuous Harvest](#)
(ATTRA)
- [Seed Production and Variety Development for Organic Systems](#)
(ATTRA)
- [Seed Starting Guide for Arkansas River Valley](#)
- [Southern Organic Resource Guide](#)
(Independent Organic Inspectors Association)
- [Supply and Equipment List](#)
(Kerr Center)
- [Use of Legumes in Pecan Orchards](#)
(OCES HLA-6250)

- [Vegetable Crop Irrigation Chart](#)
(Kerr Center)
- [Worms for Bait or Waste Processing](#) (ATTRA)
- [Year-Round Home Garden Planting Chart](#)
(University of Arkansas Cooperative Extension Program MP422)
- [Seed and Seedling Biology](#)
(Penn State Extension)
- [Selecting the Right Seeding and Transplanting Strategies](#)
(Penn State Extension)

Horticulture #3

Presentations

[Pesticides: Safety, Handling, Application](#)

George Kuepper

[Business Planning and Marketing](#)

David Redhage

[Elements of Organic Farming: Pest, Insect, and Disease Management](#)

George Kuepper & Kate Atchley

[Harvest and Post Harvest](#)

Warren Roberts & George Kuepper

Handouts

Pest Management

- [Garden Bugs](#)
Alabama A&M and Auburn universities
- [Insect Pest Management in the Home Vegetable Garden](#)
University of Arkansas
- [10 Steps Toward Organic Weed Control](#)
University of Vermont
- [Integrated Pest Management: An Overview for Market Growers](#)
University of Wisconsin
- [Pesticide Application Safety](#)
University of Missouri
- [Plant Disease Basics](#)
Penn State Extension
- [Ecological Disease Management](#)
Penn State Extension
- [Diagnosing a Plant Problem 101](#)
Penn State Extension
- [Using OSU Extension Service for Pest ID](#)
Kerr Center
- [Home Vegetable Garden Insect Pest Control](#)
Oklahoma State University

Equipment

- [Walk-behind Tractors: Miracle Multi-taskers](#)
Mother Earth News
- [Notes on Tillage & Seeding Equipment for Small Vegetable Farms](#)
Kerr Center
- [Assorted Resources: Equipment and Organic Pesticides/Tools](#)
Kerr Center

Post-harvest Handling/Processing/Safety

- [Postharvest Handling of Fruits and Vegetables](#)
ATTRA
- [Postharvest Produce Handling](#)
Ohio Ecological Farm and Food Association
- [Produce Safety at the Farm Market](#)
Ohio State University
- [Vegetable Harvest and Storage](#)
University of Missouri Extension
- [Post Harvest Handling and Cooling of Fresh Fruits, Vegetables, and Flowers for Small Farms. Part 1: Quality Maintenance.](#)
North Carolina State University Cooperative Extension Service
- [Post Harvest Handling and Cooling of Fresh Fruits, Vegetables, and Flowers for Small Farms. Part 2: Cooling.](#)
North Carolina State University Cooperative Extension Service
- [Post Harvest Handling and Cooling of Fresh Fruits, Vegetables, and Flowers for Small Farms. Part 3: Handling.](#)
North Carolina State University Cooperative Extension Service
- [Post Harvest Handling and Cooling of Fresh Fruits, Vegetables, and Flowers for Small Farms. Part 4: Mixed Loads.](#)
North Carolina State University Cooperative Extension Service
- [When to Harvest Vegetables](#)
University of Georgia

[Tips for Selling at Farmers Markets](#)

ATTRA

[Tips for Selling at Roadside Stands](#)

ATTRA

[Tips for Selling Through CSAs](#)

ATTRA

[Tips for Selling to Grocery Stores](#)

ATTRA

[Tips for Selling to Restaurants](#)

ATTRA

[Tips for Selling with Agritourism & U-pick](#)

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