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Center for Agroecology and
Sustainable Food Systems—*

Teaching Organic Farming and Gardening: Resources for Instructors

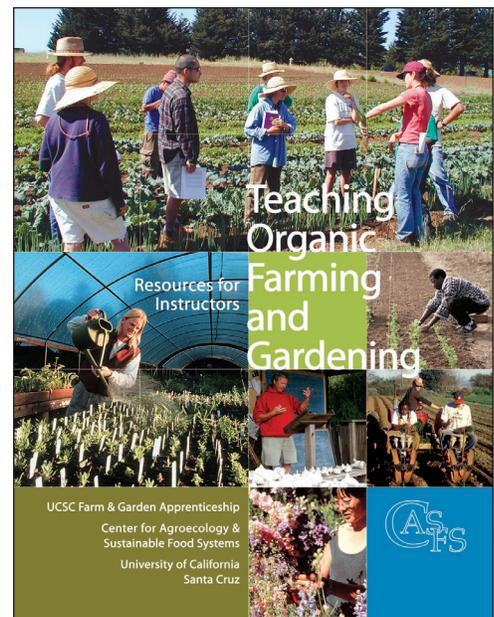
Price: \$50

Drawing on 35 years of teaching organic farming and gardening, the staff of the UCSC Farm & Garden Apprenticeship and seven invited authors have developed a resource for instructors based on many of the skills and concepts taught in the six-month Apprenticeship training program. This 600-page manual covers practical aspects of organic farming and gardening, applied soil science, and social and environmental issues in agriculture. Units contain lecture outlines for instructors and detailed lecture outlines for students, field and laboratory demonstrations, assessment questions, and annotated resource lists.

Although much of the material has been developed for field or garden demonstrations and skill building, most of the units can also be tailored to a classroom setting.

The training manual is designed for—

- colleges and universities with programs in sustainable agriculture, student farms or gardens, and on-farm education programs
- urban agriculture, community garden, and farm training programs
- farms with internship or apprenticeships
- agriculture extension stations
- school gardening programs
- organizations such as the Peace Corps, US AID, and other groups that provide international training in food growing and ecological growing methods
- master gardener programs



“This is an excellent resource for us because of its content, organization and flexibility. The CASFS staff instructors who developed this manual have tremendous knowledge of not only the subject matter, but also how to teach it to students and interns.”

– Mark Van Horn, Director
UC Davis Student Farm

The manual can also be downloaded in PDF format for free at <http://casfs.ucsc.edu>

Teaching Organic Farming & Gardening: Resources for Instructors

Part 1 Organic Farming and Gardening Skills and Practices

- Unit 1.1 Managing Soil Fertility
- Unit 1.2 Garden and Field Tillage and Cultivation
- Unit 1.3 Propagating Crops from Seed and Greenhouse Management
- Unit 1.4 Transplanting and Direct Seeding
- Unit 1.5 Irrigation: Principles and Practices
- Unit 1.6 Selecting and Using Cover Crops
- Unit 1.7 Making and Using Compost
- Unit 1.8 Managing Arthropod Pests
- Unit 1.9 Managing Plant Pathogens
- Unit 1.10 Managing Weeds
- Unit 1.11 Reading and Interpreting Soil Test Reports

Part 2 Applied Soil Science

- Unit 2.1 Soil Physical Properties
- Unit 2.2 Soil Chemistry and Fertility
- Unit 2.3 Soil Biology and Ecology

Part 3 Social and Environmental Issues in Agriculture

- Unit 3.1 The Development of U.S. Agriculture
- Unit 3.2 Social Issues in Modern Agriculture
- Unit 3.3 Environmental Issues in Modern Agriculture
- Unit 3.4 Introduction to Sustainable Agriculture

Teaching Organic Farming and Gardening: Resources for Instructors, is designed to be placed in a 2-inch, 3-ring binder so that sections can be easily removed and copied for class use. To order, please fill out the form below. Make your check or money order for \$50 plus \$5 shipping (U.S. orders) payable to **UC Regents**. Price includes tax (binder not included). Please inquire about overseas shipping costs. Please note that we cannot accept credit card orders. Questions should be directed to TrainingManual@ucsc.edu, or call 831.459-3240.

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