

Preface—Florida Greenhouse Vegetable Production Handbook, Vol 3¹

G. J. Hochmuth²

Volume 3 of the handbook presents details on the specific cultural practices for producing greenhouse vegetables in Florida. This volume is intended to function as a major reference guide for vegetable crop production using various production systems. The information focuses on tomato and cucumber. There is information on selecting and managing the various cultural systems with respect to irrigation and fertilization. Details on tomato and cucumber are presented for several cultural systems. Extensive coverage is provided for disease and insect identification and management. Finally, information is provided for harvesting and handling greenhouse vegetables for maximizing quality. Crop production guidelines presented in this handbook would apply to greenhouse producers anywhere in a mild or subtropical climate, including most southern and southeastern states in the United States. Persons desiring further information may contact the Florida Cooperative Extension Service. For publications on greenhouse vegetable culture, contact: UF/IFAS Publications, University of Florida, PO Box 110011, Gainesville, FL 32611-0011. For information on greenhouse vegetable culture in Florida or further information on material presented in this handbook, contact the North Florida Research and Education Center—Suwannee Valley, 7580 CR 136, Live Oak, FL 32060-7434 or email: nfrec-sv@mail.ifas.ufl.edu, also visit our website at <http://nfrec-sv.ifas.ufl.edu>.

More Information

For the other chapters in the Greenhouse Vegetable Production Handbook, see the documents listed below:

Volume 1: [Introduction](#) • [Financial Considerations](#) • [Pre-Construction Considerations](#) • [Crop Production](#) • [Considerations for Managing Greenhouse Pests](#) • [Summary](#)

Volume 2: [Physical Greenhouse Design Considerations](#) • [Production Systems](#) • [Other Design Information Resources](#)

Volume 3: [Preface](#) • [General Aspects of Plant Growth](#) • [Production Systems](#) • [Irrigation of Greenhouse Vegetables](#) • [Fertilizer Management for Greenhouse Vegetables](#) • [Production of Greenhouse Tomatoes](#) • [Greenhouse Cucumber Production](#) • [Greenhouse Nematode Management](#) • [Alternative Greenhouse Crops](#) • [Vegetable Insect Identification and Management](#)

1. This document is HS783, one of a series of the Horticultural Sciences Department, UF/IFAS Extension. Original publication date December 1990. Revised February 2001. Reviewed November 2018. Visit the EDIS website at <https://edis.ifas.ufl.edu> for the currently supported version of this publication.

2. G. J. Hochmuth, professor emeritus, Department of Soil and Water Sciences; UF/IFAS Extension, Gainesville, FL 32611. The Florida Greenhouse Vegetable Production Handbook is edited by George Hochmuth, professor emeritus, Department of Soil and Water Sciences; and R. C. Hochmuth, Extension agent IV, UF/IFAS North Florida Research and Education Center—Suwannee Valley; UF/IFAS Extension, Gainesville, FL 32611.

The Institute of Food and Agricultural Sciences (IFAS) is an Equal Opportunity Institution authorized to provide research, educational information and other services only to individuals and institutions that function with non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, marital status, national origin, political opinions or affiliations. For more information on obtaining other UF/IFAS Extension publications, contact your county's UF/IFAS Extension office.

U.S. Department of Agriculture, UF/IFAS Extension Service, University of Florida, IFAS, Florida A & M University Cooperative Extension Program, and Boards of County Commissioners Cooperating. Nick T. Place, dean for UF/IFAS Extension.