Second Edition

Greenhouse

Management for Horticulture Crops

Prasad and Kumar

GREENHOUSE MANAGEMENT

for Horticultural Crops

SECOND REVISED AND ENLARGED EDITION

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PREFACE

A greenhouse is a framed or an inflated structure covered with a transparent or translucent material in which crops could be grown under the condition of at least partially controlled environment and which is large enough to permit persons to work within it to carry out cultural operations. The Floriculture industry, especially cut-flower industry, has its major role in the development of greenhouse industry in world.

We feel pleasure to present Second Edition of the book. Several improvements have been made from the previous edition. The present book includes chapter like Greenhouse: An Artificial House for Plants, Types of Greenhouses, Greenhouse Construction: Related Aspects, Greenhouse Heating, Greenhouse Cooling, Root Media, Nutrient Solution for Growth Media, Mineral Nutrition and Fertilization for Greenhouse Crops, Technical Control of the Nutrient Solution, Alternative Cropping Systems for Greenhouse, Carbon Dioxide Fertilization, Light and Temperature Management in Greenhouse, Various Types of Soilless Culture: General Aspects, Water Culture, Sand Culture, Gravel Culture, Technical Control of the Plant Culture in Greenhouse, Plant Tissue Culture Technique for Developing Greenhouse Crops, Chemical Growth Regulation of Greenhouse Crops, Pests and Soil Organisms of Greenhouse Plants, Pest Management, Post Production Handling, Pesticide Application: Equipment and its Calibration, and Greenhouse Plant Diseases and Their Control.

The present book is an attempt to provide overall information to the readers interested in agricultural engineering and horticultural industry.

Authors

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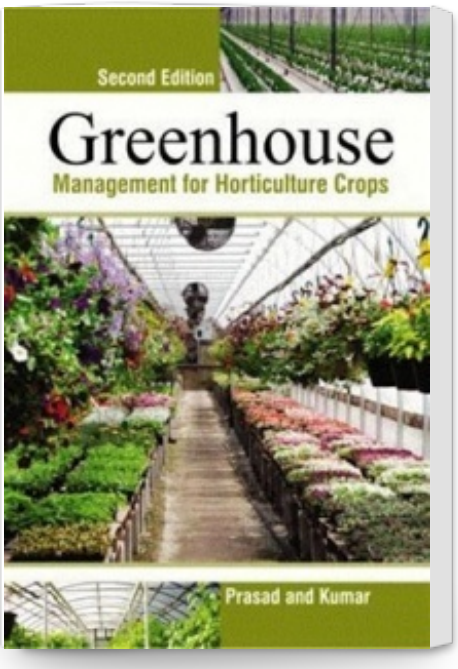

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