<<可持续农业植物保护理论与技术>>

图书基本信息

书名：<<可持续农业植物保护理论与技术>>

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前言

Sustainable agriculture is the mainstream for the agricultural development in 21st century. The theory and practice of modern plant protection are the important parts of sustainable agriculture. It is the main basis to obtain modern theory and technology of plant protection for the development of no public pollution and ecological agriculture in developing countries . With the increasing of the population and the shortage of food and resources in the world, the environment for living goes bad in developing countries day by day. So the expanding of modern theory and technology of plant protection is the important way for improving the ecological environment, assuring the continuous increasing of food and vegetable production and enhancing the quality and benefits of agricultural crop. State Science and Technology Ministry of China （SSTMC） is a governmental agency that is responsible for the formulation and implementation of national science and technology R&D plans One of its important missions is to strengthen international cooperation with other countries, specially with developing countries, in science and technology. Since 1989, international technical course/workshop on various subjects have been conducted in China every year under the auspices of SSTMC as a part of its international scientific and technical cooperation program. Two sessions of the International Training Course on the Theory and Technology of Plant Protection for Sustainable Agriculture in 21st Century, sponsored by theDepartment of International Cooperation of SSTMC and organized by Shenyang Science and Technology Commission and Shenyang Agricultural University （SAU）, have been held in Shenyang, P. R. China in 2001 and 2004 respectively. In 2007, the third session will be held in Shenyang. This book is published as teaching material for the training course.

内容概要

With the changes of climate, environment, planting structure and cultivation methods, the occurrences of plant diseases is on the trend of rise, which certainly will influence on agricultural production, fc~l security, body health, biological environment and the sustainable development of agriculture. Our objective to sponsor this training course is to introduce advanced plant protection theory and technology to developing countries,strengthen disease resistance capability and increase food production. This textbook consists of twenty articles which cover Plant Disease Epidemiology, History and Prospects of Detection and Control of Plant Virus Disease,Creating Confidence in SPS Systems, Applications of Biotechnology to Plant Protection, Plant Disease ResistanceGene, Integrated Weed Management in Sustainable Agriculture, etc. Specialists in the field of plant protection could get a general view of plant protection development in China via this book. Also, it could be taken as reference for students and teachers from agricultural universities.

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