



# Enhance production with publications of the ARC-ITSC

The Agricultural Research Council (ARC) is a premier science institution that conducts fundamental and applied research with partners to generate new knowledge, develop human capital and foster innovation in agriculture, through technology development and dissemination and competitive commercialisation of research results in support of developing a prosperous agricultural sector.

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ARC-ITSC

The ARC-Institute for Tropical and Subtropical Crops (ITSC) is a research institute within the ARC.

Research activities at the Institute are geared at addressing the production limitations of farmers of tropical and subtropical crops. The Institute is also committed to supporting research projects that will lead to the enhancement of household food security and nutrition, income generation, job creation and export earnings.

New knowledge and technological improvements are transferred by the Institute in a number of ways. Scientific papers and its review are aimed at peer scientists who contribute or further improve the technologies. Presentations at symposiums for a particular crop are aimed at commercial farmers and technical advisors who in turn pass the information to growers.

The range of textbooks produced by researchers at the Institute, is an additional manner of technology transfer. Textbooks provide information on farming best practices and general cultivation methods.

These publications are aimed at commercial farmers, horticulturists, students, consultants, agricultural extension officers and industry stakeholders.

Literature produced by ARC-ITSC covers the following crops: Avocado, banana, citrus, coffee, ginger, granadilla, guava, litchi, macadamia, mango, papaya, pecan nuts, pepper and herbs. A textbook was also compiled about the Pests and Beneficial Arthropods of Tropical and non-citrus Subtropical Crops in South Africa.

Important aspects of commercial production are discussed, including climatic and soil requirements, soil preparation, orchard establishment, cultivars, irrigation and fertilisation, orchard management, pest and disease management, as well as post harvest handling of crops.

An additional series of booklets have been developed for emerging and subsistence farmers. These booklets contain summary information on the cultivation of the specific crop. Some of these titles have been translated into indigenous languages.

For more information and to place an order, the ARC-ITSC can be contacted: Tel. 013 753 7000; Fax: 013 752 3854; E-mail: [infoitsc@arc.agric.za](mailto:infoitsc@arc.agric.za) or go to the web page [www.arc.agric.za](http://www.arc.agric.za). 