



[Home](#) > CABI Abstract

**Title:** Physico-chemical characteristics of indigenous and exotic varieties of fig grown under arid conditions.

**Personal Authors:** [Gawade, M. H.](#), [Waskar, D. P.](#)

**Author Affiliation:** Department of Horticulture, Mahatma Phule Krishi Vidyapeeth, Rahuri - 413 722, India.

**Editors:** No editors

**Document Title:** South Indian Horticulture



**Abstract:**

The fruits of fig cultivars Conadria, Deanna, Excel, Poona Fig and Dinkar grown under arid conditions such as Rahuri (Maharashtra, India) were screened for various physicochemical properties. The external skin colour of Conadria, Deanna, Excel, Poona Fig and Dinkar was found to be greenish, golden yellow, greenish yellow, reddish green and dark red, respectively, with creamy pinkish, creamy white, creamy, pinkish and dark pink flesh colour, respectively. The fruits of Deanna and Excel looked bell-shaped, while Conadria, Poona Fig and Dinkar had pear-shaped fruits. The average weight of the fruits was found to be maximum in Deanna (46.64 g) followed by Conadria (38.76 g) and Dinkar (25.76 g), and minimum in Poona Fig followed by Excel. The specific gravity was found to be maximum in Poona Fig followed by Dinkar and minimum in Deanna. The average volume of the fruits was found to be maximum in Deanna followed by Conadria and Excel and minimum in Dinkar followed by Poona Fig. The total soluble solids were found to be maximum in Deanna (21.20%) followed by Conadria (20.15%) and minimum in Dinkar (18.36%). The reducing and total sugars were maximum in Deanna followed by Conadria and Excel and minimum in Dinkar followed by Poona Fig. Among the cultivars, Deanna gave the highest yield of dried product (19.82%). The dried fig prepared from Deanna could be stored for more than 180 days at low temperature, maintaining its physicochemical characters and high organoleptic score.

**Publisher:** South Indian Horticultural Association

**About CAB Abstracts**

CAB Abstracts is a unique and informative resource covering everything from Agriculture to Entomology to Public Health. In April 2006 we published our 5 millionth abstract, making it the largest and most comprehensive abstracts database in its field.

Your search for '**conadria fig**' has pulled up numerous records and resources from the CAB Abstracts database. At this time, your institution does not subscribe to CAB Direct so you cannot access them. To find out more about this exciting resource, and how to subscribe, please [click here](#).

[Search CAB Abstracts Lite](#)

Or browse our [concepts map](#) to get a feel for the many [subject areas we cover](#).

### About CABI

Established in 1910, CABI is a not for profit organisation, owned by over 40 Member Countries. Through partnership with these countries and our international network of people, we address local needs worldwide. Our activities encompass scientific publishing, research and communication, and our aim is to bridge the gap between scientific knowledge and its application to real life.

We publish CAB Abstracts, a world-leading bibliographic database covering agriculture, environment, public health and nutrition, animal and plant sciences and tourism. We also publish multimedia compendia, books, journals and internet resources – bringing the most up to date scientific information right to researchers' fingertips.

### Our People

At the heart of CABI's success are the people who make it happen. We have over 300 staff working from 10 locations around the world, all of them experts in their field. From publishing specialists, microbiologists, ecologists to pathologists, we have the expertise to make a difference.