



# Computer Applications in Food Technology: Use of Spreadsheets in Graphical, Statistical, And Process Analysis (Food Science and Technology)

*R. Paul Singh*

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The Institute of Food Technologists (IFT) recently endorsed the use of computers in food science education. The minimum standards for degrees in food science, as suggested by IFT, "require the students to use computers in the solution of problems, the collection and analysis of data, the control processes, in addition to word processing." Because they are widely used in business, allow statistical and graphical of experimental data, and can mimic laboratory experimentation, spreadsheets provide an ideal tool for learning the important features of computers and programming. In addition, they are ideally suited for food science students, who usually do not have an extensive mathematical background.

Drawing from the many courses he has taught at UC Davis, Dr. Singh covers the general basics of spreadsheets using examples specific to food science. He includes more than 50 solved problems drawn from key areas of food science, namely food microbiology, food chemistry, sensory evaluation, statistical quality control, and food engineering. Each problem is presented with the required equations and detailed steps necessary for programming the spreadsheet. Helpful hints in using the spreadsheets are also provided throughout the text.

### Key Features

- \* The first book to integrate spreadsheets in teaching food science and technology
- \* Includes more than 50 solved examples of spreadsheet use in food science and engineering
- \* Presents a step-by-step introduction to spreadsheet use
- \* Provides a food composition database on a computer disk

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#### **Douglas Gibson:**

In this era globalization it is important to someone to receive information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information

easier to share. You can find a lot of personal references to get information example: internet, magazine, book, and soon. You can view that now, a lot of publisher which print many kinds of book. Often the book that recommended to you personally is Computer Applications in Food Technology: Use of Spreadsheets in Graphical, Statistical, And Process Analysis (Food Science and Technology) this book consist a lot of the information of the condition of this world now. This book was represented so why is the world has grown up. The language styles that writer use to explain it is easy to understand. Often the writer made some research when he makes this book. That's why this book suited all of you.

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