

# Glossary of **Dairy Technology**

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# GLOSSARY OF DAIRY TECHNOLOGY

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*to*  
*Maa Saraswati & our family*



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निदेशक

## MESSAGE

I was delighted when Dr. Deepak Mudgil approached me to write a message for the book, "Glossary of terms: Diary Technology" written by Dr. Deepak Mudgil & Dr. Sheweta Barak, because this is a valuable asset for persons who wish to learn about dairy sector and also pursue a career in dairy and related fields. Apart from serving the dairy industries, it will serve as a handbook for all students in the field of food science and technology. As the Director of CSIR-CFTRI, I am of the opinion that this book would be a readable asset in Libraries of food science institutes and academic institutions of our country. Although in today's information technology driven world, it will be easy to quickly "google" the meaning of an unknown word, it is quite important to have such one-stop books getting published regularly. The contents of the book are impressive and very exhaustive. I congratulate the authors for their efforts in coming out with such a book for the benefit of students and dairy entrepreneurs, and I wish that it sees a lot of beneficiaries in the country.

Wishing the book all success and wide readership,

With best regards,

Prof. Ram Rajasekhara  
Director, CSIR-CFTRI,  
Mysore-570020



**MANSINHBHAI INSTITUTE OF DAIRY & FOOD TECHNOLOGY**

## **Foreword**

The urbanization & changes in life style of Indian population has given new dimension to food habits & food consumption pattern. This has generated demand of qualified professionals in Dairy & Food Technology.

This book gives information on important terms commonly used in DAIRY SCIENCE/ DAIRY TECHNOLOGY to students as well as working professionals in dairy plants. It will be a good handy reference book for students & dairy professionals during their studies, at workplace and in future career.

The authors have compiled good information on the subject and covered all important terms related to dairy science and technology.

I wish that the dairy fraternity make full use of the book.

**Pramthesh R Patel.**

Executive Director,  
MIDFT, Dudhsagar Dairy,  
Mehsana

# PREFACE

Dairy & food technology is coming as an emerging field for students from career point of view. In India, many national level institutes and universities are offering courses related to dairy and food technology at graduation, post graduation and doctorate level. Admission in these institutes at different levels is carried out by various types of entrance exams which are conducted every year. ICAR conducts ASRB-NET exam in Dairy & Food Technology disciplines which is an essential requirement for the eligibility to become assistant professor/lecturer in colleges or universities. ICAR also conducts JRF-SRF exams every year for students who want to pursue research in agriculture related fields. Indian Institute of Technology (IIT) conducts GATE exam annually for admission to M. Tech. courses in IITs. This book will be helpful for the student aspirants preparing for such exams and interviews. This book contains about 1000 technical and general terms frequently used in the dairy sector. The terms in the book cover the topics related to market milk, dairy processing, fat rich dairy products, cheese and fermented milks technology, traditional dairy and food products, ice cream and frozen desserts, condensed and dried milk, by-products technology and packaging technology. This book will be helpful for students as well as dairy professionals working in dairy & food industries, for preparation of viva voce examination and job interviews, respectively. We would like to show our sincere thanks to Dr. K.G. Upadyay (Retd. Professor, Dairy Technology), who gave us the idea for writing this book. We are also thankful to Sh. P.R. Patel (Executive Director, MIDFT, Mehsana) for providing facilities and motivating us for writing this book. We wish to acknowledge authors and editors of all the books and research publications which helped us in the preparation of this book. The patience of Scientific Publishers (India) and the assistance

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