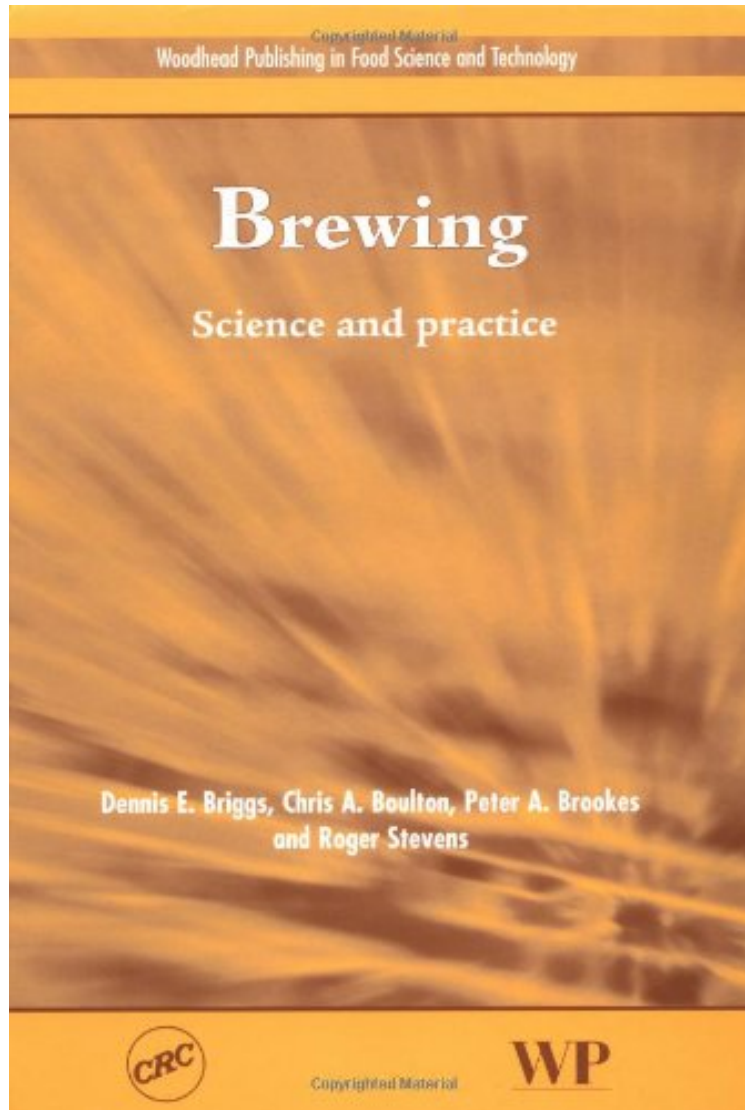


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Brewing: Science and Practice (Woodhead Publishing in Food Science and Technology)

Dennis E. Briggs, Chris A. Boulton, Peter A. Brookes, Roger Stevens
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people found the following review helpful. Excellent coverage of all facets of brewing science but not for those without scientific background
By Alchemist
This book is a combination of about 4 other books written by some of the world's foremost experts on malt, yeast, and brewing science. The technical detail it goes into is great for commercial brewers but a complete waste of time for homebrewers. A degree in microbiology, chemistry, biochemistry, or chemical engineering is almost necessary for comprehension. I love this book for the technical aspects of the brewing process it explains. Beware that it does not give a step by step for solving problems, the practical brewer is better for that.
A+ overall!
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For people looking for scientific brewing, this book is a must. Not really easy to read, needs work.. but perfect source

Brewing is one of the oldest and most complex technologies in food and beverage processing. Its success depends on blending a sound understanding of the science involved with an equally clear grasp of the practicalities of production. *Brewing: Science and Practice* provides a comprehensive and authoritative guide to both aspects of the subject. After an initial overview of the brewing process, the book reviews malts, adjuncts, and enzymes. Chapters explain water, effluents, and wastes; detail the science and technology of mashing, including grist preparation; discuss hops and are followed by chapters on wort boiling, clarification, and aeration. Additional chapters present information on yeast biology, metabolism, and growth; fermentation, fermentation technologies, and beer maturation; and native African beers. After a discussion of brewhouses, the authors consider a number of safety and quality issues, including beer microbiology and the chemical and physical properties of beer, which contribute to qualities such as flavor. A final group of chapters cover packaging, storage, distribution, and the retail handling of beer. Based on the authors' unrivaled experience in the field, *Brewing: Science and Practice* will be a standard work for the industry.

It will surely find a place in every working brewery and academic establishment trying to teach the art and science. excellent value for the money.
-Read Digest
About the Author
Dennis Briggs was formerly Senior Lecturer in the British School of Malting and Brewing in the University of Birmingham. With Jim (J.S.) Hough and Roger Stevens, he wrote *Malting and brewing science* (1971; and a second edition with Tom (T.W.) Young in 1980/1981). Other publications include *Barley* (1978) and *Malts and malting* (1998). Chris Boulton is currently at the Coors Brewers Technical Centre at Burton-on-Trent. He is the co-author, with David Quain, of *Brewing yeast and fermentation* (2001). Peter Brooke spent over 30 years with Allied Breweries and Carlsberg Tetley, including 6 years as Director of Tetleys Leeds Brewery. He was also President of the Institute of Brewing from 1997 to 1999. Roger Steven was formerly Senior Lecturer in Pharmaceutical Chemistry at Sunderland Polytechnic. As well as being a co-author of *Malting and brewing science*, he has edited the Institute of Brewings monograph on Hops and the *Flavour and fragrance journal*.