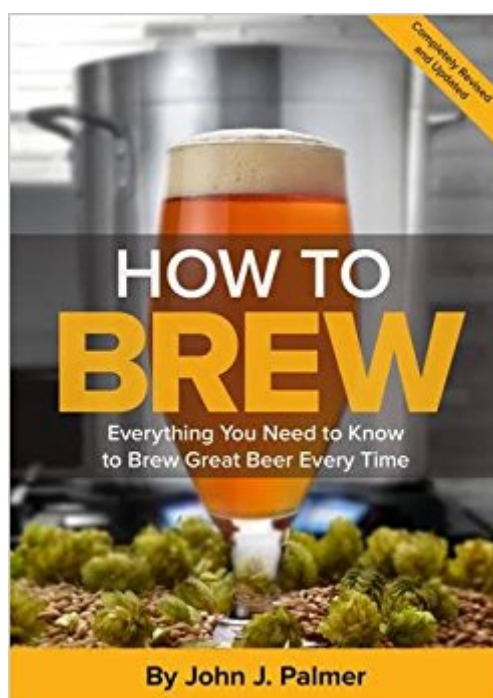


The book was found

How To Brew: Everything You Need To Know To Brew Great Beer Every Time



Synopsis

How To Brew: Everything You Need to Know to Brew Great Beer Every Time (Fourth Edition) By John Palmer Fully revised and updated, How to Brew is the definitive guide to making quality beers at home. Whether you want simple, sure-fire instructions for making your first beer, or you're a seasoned homebrewer working with all-grain batches, this book has something for you. John Palmer adeptly covers the full range of brewing possibilities—accurately, clearly and simply. From ingredients and methods to recipes and equipment for brewing beer at home, How to Brew is loaded with valuable information on brewing techniques and recipe formulation. A perennial best seller since the release of the third edition in 2006, How to Brew, is a must-have to update every new and seasoned brewer's library. This completely revised and updated edition includes: More emphasis on the "top six priorities": sanitation, fermentation temperature control, yeast management, the boil, good recipes, and water. Five new chapters covering malting and brewing, strong beers, fruit beers, sour beers, and adjusting water for style. All other chapters revised and expanded: Expanded and updated charts, graphs, equations, and visuals. Expanded information on using beer kits. Thorough revision of mashing and lautering chapters: Expanded tables of recommended times and temperatures for single-infusion, multiple-step, and decoction mashing. Complete discussion of first wort gravity as a function of water to grist ratio. Complete revision of infusion and decoction equations. Revised and updated information on managing your fermentation: Yeast pitching and starters. Yeast starter growth factors. Yeast and the maturation cycle. And much more!

Book Information

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[View larger](#) Some Of What You Will Find In How To Brew: - Crash course in brewing. - Step-by-step instructions. - Extract, kit, and all-grain brewing. - Learn to build your own equipment. - Successful recipes. - Troubleshooting. - Recipe development. - Simple yeast ranching. - Hopping techniques. - Ales and lagers. - Bottling and kegging. - Everything you need to know and were afraid to ask.

The author adds grain to the mash tun. This process is also called mashing in. [View larger](#)

[View larger](#) The Boil Discussed in chapter four. Excerpt From Chapter One Before We Get Started: The Top Five Priorities for Brewing Great Beer Do you want a great beer? Success or failure starts here. This list is prioritized from highest to lowest; meaning that, if you make mistake in a higher priority, it can't be fixed by doing a lower priority correctly.

Don't worry, I will walk you through all of this as we go, but I want you to understand the big picture first. Sanitation. Good sanitation is the most important factor for brewing great beer. Brewing is all about preparing and fermenting a wort to your specification. Good sanitation ensures that your chosen yeast is the only microorganism in the brew. Fermentation temperature control. After good sanitation, a healthy fermentation is the most important factor for brewing great beer, and good temperature control is key. Yeast are living organisms and their activity is controlled by temperature. Proper yeast management. Good beer needs well-managed yeast. After temperature, the most important factor for managing the fermentation is pitching the proper quality and quantity of yeast. These topics are discussed in chapters six and seven. The boil. The ingredients are cooked during the boil. If the wort is not cooked right, the beer will not taste right. Yes, you can undercook or overcook your beer. This will be discussed more in chapter four. The recipe. The definition of a good recipe is that it has the right proportions of ingredients to provide both complexity and balance of the flavors. A typical recipe will consist of a majority of a pale base malt, with additional specialty malts for signature flavors or accents, and enough hops to provide a balance of bitterness, flavor, and aroma to the beer. It is important to realize that a great recipe will not overcome poor brewing techniques and a good recipe does not need to be complicated.

Victory and Chaos's India Pale Ale Recipe [View larger](#)

If a homebrewer were to have only one brewing book, it would have to be *How to Brew* by John Palmer. *How to Brew* covers it all—from beginner to advanced brewing and everything in between. For the beginner, the first chapter has you covered with all you need to know to start brewing. From there, you can read on to gain further knowledge at whatever pace you choose. For more experienced brewers, *How to Brew* is a reference book for just about everything you want to know about brewing beer at home, covering ingredients, equipment and brewing techniques. No homebrewer should be without this book. (Gary Glass, Director, American Homebrewers Association)

How deep do you want to go? Congratulations, with *How to Brew* you hold in your hands a unique body of brewing knowledge. Some books are like a puddle, perfect for splashing through in your intellectual rain boots; others are like a well, deep, but hard to get in and out of. This book is more like a veritable lake. If you want to dip your toe in, you can comfortably do that. If you are interested in swimming for the deep water, that is here too. John Palmer's clear and approachable style when writing on the theory and technique of brewing is as simple or complex as you desire. It will give you the confidence to quickly fire off your first batch, and provide comprehensive insights for when you are well into your brewing journey. This is a great resource. Come on in, the water is fine! (John Mallett, Director of Operations, Bell's Brewery, Inc. and author of *Malt: A Practical Guide from Field to Brewhouse*)

I have always considered *How to Brew* the best complete resource for both new and experienced brewers. In this new edition, John has made a great resource even better and up to date with the latest information and techniques. *How to Brew* has all you need to go from complete novice to expert brewer. If you brew, you should own this book. (Jamil Zainasheff, Author of *Brewing Classic Styles* and Chief Heretic of Heretic Brewing Company)

Not only is *How to Brew* one of the most critical and comprehensive DIY homebrewing books available today, I have even seen it on the bookshelves at many great craft breweries. (Sam Calagione, CEO and Founder, Dogfish Head Craft Brewery)

Owning *How to Brew* is like having a brewmaster as your best friend. In the 30-plus years since the American craft beer revolution got its start, countless brewing books have appeared. None, however, has achieved the status of *How to Brew*, which is thorough, comprehensive, and beautifully organized. And now, this new expanded and enhanced edition improves on the original. It's a considerable feat to create a book that is invaluable both to first-time brewers and professional brewmasters, but John has done it with a book that is essential for everyone who is serious about brewing. (Jim Koch, Founder &

Brewer of Samuel Adams) Whenever I'm asked about what books I'd recommend to a brewer, I always recommend John Palmer's *How to Brew*. It is jam-packed with information that will help beginning brewers get started, and the more advanced technical brewing chemistry and science details that experienced brewers need to become great brewers. It works at all levels. (Mitch Steele, COO and Brewmaster, New Realm Brewing Company) John Palmer's *How to Brew* has been a great resource for homebrewers ever since he self-published the first edition in 2000. As the former owner of a homebrew supply store myself, I appreciate John's focus on how to avoid some common pitfalls that many aspiring brewers stumble over with his wise emphasis on "the top five priorities." From the basics (equipment and raw materials), to the critical (cleanliness), to the fun part (making your own beer recipes), this book covers the brewing process from start to finish. This new edition offers more information with an updated layout and expanded table of contents, which make it even easier to use. Anyone contemplating homebrewing, or looking to step up their homebrewing game, should start here. (Ken Grossman, Founder and Brewmaster, Sierra Nevada Brewing Co.) John Palmer has established himself not only as an authoritative homebrewing author and teacher, but also as a valued contributor and instructor in the professional brewing world. In this updated edition of *How to Brew*, John presents the most important brewing rules, along with the proven science that professional brewers and homebrewers alike must know to make great beer. The result is a book that is incredibly approachable while being steeped in brewing wisdom. (Matt Brynildson, Brewmaster, Firestone Walker Brewing Company) I'm in awe of John Palmer's book, *How to Brew*, and I'm jealous that I didn't have it when I first started brewing. For nearly 20 years now, Palmer has continued to revise and expand this text, improving it for the beginner and extending it so that, once you start, you don't have to leave to look for another resource to carry you past the basics. It now stands as an authoritative source of brewing knowledge that every brewer should read. Bravo, sir. Bravo! (Ray Daniels, Founder and Director, Cicerone® Certification Program and author of *Designing Great Beers: The Ultimate Guide to Brewing Classic Beer Styles*)

Palmer co-authored two other books on brewing: *Brewing Classic Styles: 80 Winning Recipes Anyone Can Brew* with homebrewing legend and Heretic Brewing Company founder Jamil Zainasheff and *Water: A Comprehensive Guide for Brewers*, the definitive guide to water chemistry for brewing with Colin Kaminski, former brewmaster at Napa's Downtown Joe's Brewery and Restaurant. serves as publications director for the Master Brewers Association of the Americas When he's not brewing beer, writing about beer, or developing brewing equipment, John enjoys woodturning, blacksmithing, and reading sci-fi/fantasy. He lives in California with his

wife, three children, and his cat, Shadow.

While I do not plan on making beer, I did enjoy reading about the process. I feel that one could open his/her on brewery with the information provided in this book...no kidding. Highly recommended to anyone interested in understanding the process for beer brewing!

Well written book. Great for beginner and expert alike!

I'm making the step up from partial mash and all grain. There are sections for both extract and all-grain. But, do yourself a favor and read the entire book even if you have some familiarity and you will be rewarded. Awesome book I'm sure I will reference for years.

great book. I learned more from this book than I ever knew about brewing and apply John's techniques at every brew. I am never let down. I pick it up regularly for more knowledge each time I brew. Def 5 stars!

This book has made me a better home brewer. My lagers are better and faster now.

Brewing bible!

Great book for the novice or experienced home brewer

Awesome book with a ton of great information

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