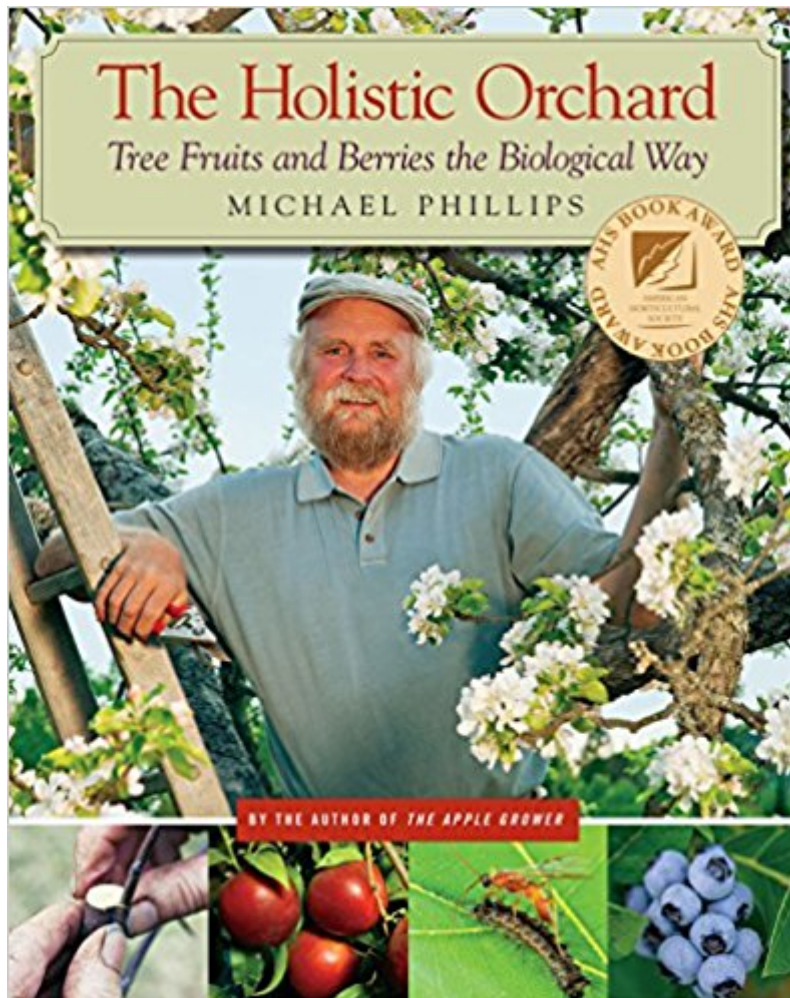


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# The Holistic Orchard: Tree Fruits And Berries The Biological Way



## Synopsis

Many people want to grow fruit on a small scale but lack the insight to be successful orchardists. Growing tree fruits and berries is something virtually anyone with space and passionate desire can do - given wise guidance and a personal commitment to observe the teachings of the trees. A holistic grower knows that producing fruit is not about manipulating nature but more importantly, fostering nature. Orchardng then becomes a fascinating adventure sure to provide your family with all sorts of mouth-watering fruit. The Holistic Orchard demystifies the basic skills everybody should know about the inner-workings of the orchard ecosystem, as well as orchard design, soil biology, and organic health management. Detailed insights on grafting, planting, pruning, and choosing the right varieties for your climate are also included, along with a step-by-step instructional calendar to guide growers through the entire orchard year. The extensive profiles of pome fruits (apples, pears, asian pears, quinces), stone fruits (cherries, peaches, nectarines, apricots, plums), and berries (raspberries, blackberries, blueberries, gooseberries, currants, and elderberries) will quickly have you savoring the prospects. Phillips completely changed the conversation about healthy orcharding with his first bestselling book, *The Apple Grower*, and now he takes that dialogue even further, drawing connections between home orcharding and permaculture; the importance of native pollinators; the world of understory plantings with shade-tolerant berry bushes and other insectary plants; detailed information on cover crops and biodiversity; and the newest research on safe, homegrown solutions to pest and disease challenges. All along the way, Phillips' expertise and enthusiasm for healthy growing shines through, as does his ability to put the usual horticultural facts into an integrated ecology perspective. This book will inspire beginners as well as provide deeper answers for experienced fruit growers looking for scientific organic approaches. Exciting times lie ahead for those who now have every reason in the world to confidently plant that very first fruit tree!

## Book Information

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## Customer Reviews

**Booklist**-With the rising popularity of farmers' markets and ever-increasing availability of organic foods in mainstream grocery stores, more and more gardeners are catching the urge to go pesticide-free. For fruit lovers wanting to tend an orchard on a small scale, Phillips, author of the gardening best-seller *The Apple Grower* (2005), offers a wealth of tips and tricks here on growing berries and tree fruits without resorting to toxic sprays. Eight information-packed chapters cover such basics as orchard design, seeding and growing schedules, and soil varieties, all using natural methods of cooperating with nature to resist attacks by garden pests and plant diseases. Phillips also provides an exhaustive directory of fruit varieties, from pome fruits, such as apples and pears, to stone fruits, such as cherries and nectarines. Although the guide is aimed primarily at home growers with a little yard space and a yen for organic produce, professional orchard managers can certainly benefit and will hopefully be prompted to shy away from pesticides as well. **Choice**-*The Holistic Orchard* is a breath of fresh air in a genre too often characterized by occult mysticism and/or an air of moral superiority. Phillips (*The Apple Grower*, 2005), a farmer/orchardist with many years of experience, is a pragmatist, not a polemicist; he successfully covers topics ranging from plant biology and ecology to the realities and economics of niche markets. The author presents a challenge to backyard fruit growers and community orchardists to produce healthy, quality fruits organically. Phillips begins by discussing the soil and finishes with marketing his fruit at the production site. The text reflects his infectious enthusiasm, his deep understanding of the positive and negative impacts of natural organisms on his trees, and his commitment to hard work and critical thinking. The author addresses the challenges of dealing with disease and insect and animal pests along with the need to accommodate trees' annual needs for nutrients; he uses approaches that seek to promote within orchards a diversity of beneficial organisms as well as methods that promote the plant's immunological response via phytoalexins. This book is richly photographed and contains well-placed sidebars with pertinent information. It was a delight to read. **Summing Up:** Highly recommended. All undergraduate students, general readers, and professionals/practitioners. **ForeWord Reviews**-Despite a wealth of information available about grafting, soil health, tree planting, and pruning, there's one major area of orchard management that's tough for any

beginner to learn: confidence. That's where Michael Phillips comes in. As a farmer in northern New Hampshire, and author of *The Apple Grower*, he provides gentle-but-sure advice on holistic orchards in a way that's encouraging and valuable. Beginning with a fascinating explanation of forest-edge ecology—which defines where fruit trees thrive best—Phillips moves into topics like fungal dominance, haphazard mulching, pulsing agents, and more. For those moving to the next level of orchard management, Phillips delves into the specifics of three major categories of fruits: pome, which includes apples and pears; stone, which encompasses cherry, peach, plum, and apricot; and woody berries, including blackberry, currant, gooseberry, and raspberry. Throughout, Phillips adopts a genial tone that blends farmer-next-door friendliness with a more academic approach. The mix works, giving the scientific descriptions more weight while keeping the material accessible. In general, the sheer breadth of information presented can seem overwhelming, particularly for a beginner, but it's likely that those who are interested in getting started in holistic orchard practices will appreciate having such a thorough reference guide.

**Publishers Weekly**—The author of the classic guide for small-scale fruit cultivation, *The Apple Grower*, returns to the orchard. Phillips, who grows apples and herbs in New Hampshire, concedes early on that growing fruit that is both attractive and delicious is more challenging than cultivating vegetables and herbs. What distinguishes this book from other organic guides is the author's ecological approach. He argues that orchard success begins with a deep understanding of soil health and forest-edge ecology. The chemistry lessons may challenge many, but he translates most of the science basics into practical routines that any gardener could use. Straightforward information on selecting trees and horticultural basics such as pruning and pest management follows. For those who intend to invest significant time and resources into growing fruit, this is a comprehensive guide to managing a healthy and bountiful orchard. Color photographs and illustrations throughout.

**Editorial Review**—The demand for high-quality, organically grown food is skyrocketing with people's gradual understanding of the health risks and dangers of chemical pesticides and "industrialized" farming, yet good organic apples are still hard to find in many places. Phillips has employed hard work and keen observation of nature to make the best use of our great-grandparents' experiences and techniques. He then examines the latest scientific knowledge of apple pests and their life cycles to produce a thorough guide to growing wonderful, delicious varieties of apples in an orchard that is safe for animals, birds, and children playing under its tree branches. Each chapter has practical advice for the backyard fruit grower, and while this book is filled with useful facts and tactics, Phillips also adds a gentle, Earth-friendly, philosophical writing style that makes for quite an enjoyable read. "Rooted in the author's many years of organic orcharding experience, this book blends ideas from soil science,

holistic health, permaculture, and traditional fruit growing into a powerful new approach to orchard design and care. Phillips' first-hand knowledge anchors this innovative and highly readable book in practical wisdom that both beginner and long-time fruit growers will find invaluable."--Toby Hemenway, author of *Gaia's Garden: A Guide to Home-Scale Permaculture*"Michael Phillips' *Holistic Orchard* is a seminal work, to be compared with Sir Albert Howard and J.I. Rodale's classic books on soil and organic gardening. This is deep horticulture at its best, showing just how and what we must do to orchard sustainably and ecologically."--Bill MacKentley, St. Lawrence Nurseries"

The words 'holistic' and 'comprehensive' barely do honor to Michael Phillips' scope in *The Holistic Orchard*. The author has woven multiple strands of orchard knowledge -- based on his expansive vision and a lifetime of experience, together with the wisdom of researchers and fellow fruit growers -- into a brilliant web that captures the wonderful complexity of the orchard ecosystem. A sparkling joy to behold!"--Guy Ames, orchardist and tree fruit specialist with ATTRA, the National Sustainable Agriculture Information Service"

*The Holistic Orchard* is a stimulating account of fruit production from a biological rather than chemical approach. Phillips' orchard philosophy- learned from keen observation and reflection- will fall and clobber you like a giant Newtonian apple; then, your walk through the orchard will never be the same. Digesting this book is like tasting a delectable new apple variety for the first time."--Tom Burford, Orchard Consultant, Author, *Apple Historian*"For decades experts have insisted that organic orcharding is an impossibility. Michael Phillips has led the effort to show that the truly sustainable, organic orchard is something we all can have. His example has been an inspiration. His tireless research has provided a road map to creating our own holistic orchards."--John Bunker, apple historian and author, *Not Far from the Tree*"Michael Phillips does it again! His ability to understand and explain the parts, interactions and emergent properties of orchard systems is unparalleled. *The Holistic Orchard* integrates fundamental biology with the practical realities of ecologically sound management. The book describes the trek from healthy soil to healthy people, with great fruit all along the way. This is done in a way that can only be achieved by a highly experienced orchardist-practitioner-author-philosopher."--George W. Bird, Professor of Nematology, Michigan State University

"A new way of thinking is called for given the failure of chemicals to solve problems and feed the world. Mixing up dozens of organic thoughts, Michael Phillips ushers us into the 21st century and virtually creates a new language so we can really understand what is happening in our orchards. Shake off those 20th century blues and let's move on with *The Holistic Orchard* as a guiding light."--Tim Bates, biodynamic orchardist, *The Apple Farm*, Philo, California

Michael Phillips is a farmer, writer, carpenter, orchard consultant, and speaker who lives with his wife, Nancy, and daughter, Grace, on Heartsong Farm in northern New Hampshire, where they grow apples and a variety of medicinal herbs. Michael is the author of *The Apple Grower* (Chelsea Green, 2005) and *The Holistic Orchard* (2011), and teamed up with Nancy to write *The Herbalist's Way* (2005). His Lost Nation Orchard is part of the Holistic Orchard Network, and Michael also leads the community orchard movement at [www.GrowOrganicApples.com](http://www.GrowOrganicApples.com)

Southern California is three thousand miles and six climate zones from Northern New Hampshire, but I found Michael's book more relevant to growing apples in my area than all the garden books I've seen written for Southern California. He explains the mechanics of what constitutes soil health and plant vigor and how to build it. Of course the particulars and strategy will vary from region to region, but to quote Liberty Hyde Bailey, "If a grower knows why, he or she will teach themselves how". As such it is relevant to growers outside of New England, even to my apple growing friends in Equatorial Africa, as many of the spray mixes and culture methods are available there; this is opposed to the latest pesticides which are expensive and hard to get for them. The book has the best section on pruning I've ever seen; especially how to train shoots into fruiting buds, and also how to invigorate an old tree. He reviews the whole orchard operation, from tools and ladders to picking bags and fruit storage. I would have never figured out how to get neem oil to spray otherwise and would have ended up with a real mess. The photographs and illustrations are excellent, many taken at his beautiful farm. He presents a myriad of operations and sprays for pest and disease control, and thankfully summarizes them with a calendar to help organize your year. The review of fruit culture for other stonefruits and berries is also helpful, using many of the methods utilized in the apple orchard. Commercial growers may sniff at it and grumble that these methods will never produce marketable fruit on an efficient, competitive scale to stave off foreign imports. On the other hand home and small specialty orchards may be wondering if there's any way to get apples besides spraying with expensive and potentially harmful chemicals 12 to 20 times a year. This book presents a way to do it in a much gentler fashion and is a fascinating read.

Excellent informative book for the home orchard grower. I'm using it to plan fruit tree varieties, ideal growing locations in my garden design planning, fertilizing routines, critter protection info, and MUCH more! I've read it cover-to-cover and re-read specific sections multiple times since ordering it. (William's wife the family gardener and fruit tree lover)

I have been SO frustrated in my attempts to grow fruits organically these past eighteen years. Admittedly, I haven't devoted the time and invested the resources that I should have (now being enlightened by Monsieur Phillips), but, finally, I've found someone who writes well, is down-to-earth, has a sense of humor and is willing to share his experience and methods for GROWING ORGANIC FRUIT SUCCESSFULLY! I really enjoyed reading this attractive book and looking at the pictures, and have recommended The Holistic Orchard to several people and will include it on our web site's recommended reading list sometime in 2014. I'm pleased to have added this reference book to my extensive organic library and, as it contains such excellent advice, it is now my new favorite holistic orchard guide. I am looking forward to implementing the intriguing ideas outlined by Mr. Phillips starting this Spring and, hopefully, having my very own holistic orchard one of these days...IF I can get the d\_\_\_m deer to stop EATING AND DESTROYING MY TREES! Did someone suggest organic venison chili?

I'm currently reading, but follow the authors methods in other ways as well. He's brilliant and we can't wait to start our food forest on our newly purchased 8+ acres!

This is a well-written, informative and engaging book. I learned a lot about soil, fungi, and techniques for shaping the land.

I have other books on organic fruit growing, but none as innovative in approach, nor as thorough in invaluable information on fruit growing in general, and on the needs of individual tree fruits as well as many commonly grown berries. The author covers insect pests, diseases, sprays, companion plants, mulches, and, most importantly, soil health and the science that underlies his methods. It is written clearly, and his love, enthusiasm and respect for nature and growing things is palpable throughout. Some of his suggestions regarding sprays made from plants, such as stinging nettles, are not as practical for the owner of a standard city lot as they would be for a grower with a bit more land. Everyone, however, will be able to use most of his techniques, and the book is just the best I have ever seen for anyone who wants to add organic fruits to the home garden.

Having read every book I could find on organic orchards keeping, I had almost given up on ever raising non-toxic fruit on the East coast. The climate here is just too humid, everyone says. Then I found this book and I was bowled over. I've barely been able to put it down. I adore the writing style (great sense of humor!) and found it very well organized. I imagine the griping reviewer sells

pesticides or something. I do wish there had been more detail on irrigation, but I'm sure I can find that elsewhere. That said, I think I'd love to read more by this author. I bet he knows a lot he couldn't fit into this book. Maybe there will be a volume 2 someday? Everything is in here from grafting and choosing varieties to pest and disease control. He discusses permaculture but only to the minimal practical level needed in an orchard. I put in about 50 fruit trees and bushes at my last place and wish I'd had this book then. However, I'm just about to start at my new place and I'm so glad I've got this fabulous resource to guide me.

Awesome book, super thorough about all possible diseases although, plants are really sensitive to how you feel about them. By thinking they're gonna get sick, and focusing growing fruit trees with such a vibe, it's gonna likely happen! Better to put out strong confident vibes, trusting in the flows of nature to be strong as they need be. Excellent resources for building soil, caring for trees, etc. :))

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