



Growing Hybrid Hazelnuts

The New Resilient Crop for a Changing Climate

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“ **A landmark book for the regenerative agriculture movement.** ”

The world is in desperate need of fundamentally new crops—crops able to feed humanity despite unpredictable and extreme weather, water pollution and scarcity, and other uncertainties we cannot currently imagine or predict.

Luckily, there is such a regenerative crop, under development for more than thirty years, to do just this in many temperate climates: hybrid hazelnuts.

Growing Hybrid Hazelnuts is the first comprehensive guide for farmers interested in growing hybrid hazelnuts, a crop designed from the very outset to address a host of problems with conventional modern agriculture. For example, once hybrid hazelnuts are established, no plowing, or even cultivation, is necessary. Dramatically improved infiltration rates prevent water from running off of fields, regardless of soil type. The crop's extensive, permanent root systems—at work 365 days a year—aggressively capture water and nutrients. No soil is lost to wind or rain; in fact, this crop builds soil, and wildlife from mammals to millipedes find cover and food in hazelnuts all year.

Economically speaking, hazelnuts have a large, existing, and unsatisfied world market, and their processing promise is greater than that of soybeans. Neohybrid hazelnuts—the new biological entity developed by the authors at Badgersett Research Farm—are on track to become the first ecological crop of the future.

Growing Hybrid Hazelnuts will appeal to both small-scale and commercial farmers and to those already familiar with concepts of perennial agriculture and those interested in converting from conventional practices. Readers will also find wide-ranging thoughts on farm resilience in a changing climate, from a team of scientist-farmers with exceptionally broad training and experience.

A landmark book for the regenerative agriculture movement, *Growing Hybrid Hazelnuts* offers readers a practical, and profitable, approach to creating a hopeful future where crops build soil and the earth is replenished.



Philip Rutter is the chief scientist, founder, and CEO of Badgersett Research Farm; founding president of The American Chestnut Foundation; and past president of the Northern Nut Growers Association.



Dr. Susan Wiegrefe is Badgersett's research associate. She has a PhD in plant breeding and plant genetics and taught courses in plant propagation and nursery management for four years at the University of Wisconsin–River Falls.



Dr. Brandon Rutter-Daywater grew up on Badgersett Farm and is now the COO. He is dedicated to the long-term viability of the human race, and therefore our concomitant living things, his formal training is primarily in engineering and biologically inspired robotics.

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