



The Earth-Sheltered Solar Greenhouse Book

By Mike Oehler, Ross, Anita Bedard, Katie Purviance, Cassie Eisenhower, Chandel Oyharsabal, Sarah Tye, David Fairall, Rob Roy

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The Earth-Sheltered Solar Greenhouse Book By Mike Oehler, Ross, Anita Bedard, Katie Purviance, Cassie Eisenhower, Chandel Oyharsabal, Sarah Tye, David Fairall, Rob Roy

The Earth-Sheltered Solar Greenhouse Book is the first to promote the benefits of both passive solar energy and earth sheltering in greenhouse design. This combination results in greenhouses which need no additional heating. The captured sun's energy and that which is stored in the earth is enough for successful year-round harvest. Gone are costly heating bills. Gone is the squander of non-renewable energy resources. This is because above-ground greenhouses get natural heat at night from only one side, the floor. They lose heat from the other five sides. The properly designed earth-sheltered greenhouse is naturally warmed at night -- and in the winter -- from five sides and loses heat from only one. The ratio is exactly reversed. This book has it all. It takes you step by step through the construction of an inexpensive greenhouse which may be built with either newly purchased or salvaged building materials for pennies on the dollar. It explains the author's unique Post/Shoring/Polyethylene construction methods and design techniques which Countryside Magazine called Revolutionary... innovative and ingenious...a totally different concept. In its way it is both as simple and as amazingly ingenious as a paperclip. The book deals heavily with design so that you may custom build your own greenhouse perfect for your particular climate and needs. It tells you how to use gravity to warm your winter plants; how to effectively capture and store the sun's heat; how to make up for poor sunlight free of cost; how to automatically vent without power; how to choose the best glazing for your project; where to find free building materials; when to use heat tubes and when not to; how to use a root cellar in tandem with the greenhouse; where to use insulation with wonderful effect (and where to absolutely avoid it); how to deal with plant pests organically; what animals should be living in your greenhouse; and hundreds of more tips. The Earth-Sheltered Solar Greenhouse Book has 230 pages with nearly 200 illustrations, photos, diagrams, lists, charts and drawings. It contains all the information you need to free you from the pesticide, herbicide, fungicide, waxed, and E-coli laden, genetically modified and irradiated supermarket produce.

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Editorial Review

Review

Splendid, practical handbook -- essential reading for anyone looking to extend their growing season. Thoroughly recommended. --Peter Andrews, Founder, Eco-logic Books, Bristol, United Kingdom.

Old master and pioneer Mike Oehler surprises us and a new generation again with his new book full of basic facts. Useful even for those like us in the Netherlands, living around 53 degrees latitude north ... focuses on simple methods and materials ... Interesting and important ... humorous ... highly inspiring. --Sietz Leeftang, Director, Center for Ecological Techniques; founder and editor emeritus, De Twaalf Ambachten, Boxtel, the Netherlands.

Yep, it tells you how, and in Mike's colloquial, humorous, and sometimes curmudgeonly and always inimitable manner. I've always prided myself on sharing information on low-cost greenbuilding techniques in my books, but Mike outflanks me every which way ... the guy builds cheap, dirt cheap, and I say this with begrudging admiration. --Rob Roy, author of Earth-Sheltered Houses; Director-Earthwood Building School, West Chazy, New York

About the Author

Mike Oehler has been designing, building and living underground since 1971 on his North Idaho 46 acre homestead. He has been gardening in his unique earth-sheltered greenhouses since 1976. Author of The \$50 & Up Underground House Book, his work has received international acclaim and resulted in his lecturing or conduction workshops in Canada, England, Scotland, Belgium, the Netherlands, Germany and 26 American states, frequently under the sponsorship of university architecture departments. More of his work may be viewed at www.undergroundhousing.com.

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Janice Delarosa:

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