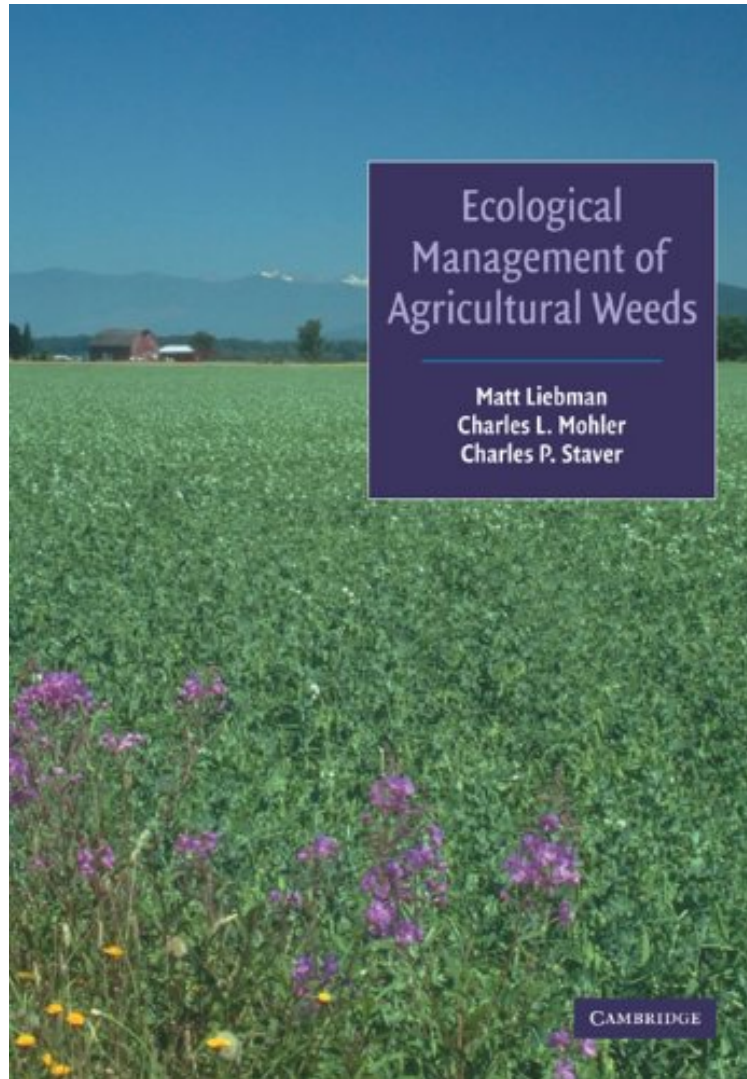


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## Ecological Management of Agricultural Weeds

*Matt Liebman, Charles L. Mohler, Charles P. Staver*  
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**Matt Liebman, Charles L. Mohler, Charles P. Staver : Ecological Management of Agricultural Weeds** before purchasing it in order to gage whether or not it would be worth my time, and all praised Ecological Management of Agricultural Weeds:

0 of 0 people found the following review helpful. Suggested Textbook Reading- a general review of weed management By Valerie C. Anderson I bought this as the cheaper of the two textbook 'recommendations' (Non Chemical Weed Managment: Principles, Concepts and Technology (Cabi Publishing)) by my UF professor. It is a very good general view and is accompanied by a number of good charts. I cannot in particular say whether one is better than the other, but this one is considerably longer. I cannot also say for sure how it will impact a non-student or

be useful for a farmer, but the book states all of the principles very well, if not giving a great description of how to carry them out. Overall a well-written book for the agriculture student. 1 of 2 people found the following review helpful. ESTE LIBRO HACIA FALTA By Quetzalcoatl Orozco Este libro lo estabamos esperando desde hace tiempo, pues reúne toda la información generada hasta el momento sobre el manejo ecológico de las malezas. Es especialmente bueno por la amplitud de su contenido, aborda de manera coherente y extendida el tema. Pronto se convertirá en la referencia obligatoria para todos aquellos interesados en el manejo ecológico de arvenses. Solo tengo una queja: EL PRECIO ES ALTO.

This volume provides principles and practices for ecologically based weed management in a wide range of temperate and tropical farming systems. The authors describe how tillage and cultivation practices, manipulations of soil conditions, competitive cultivars, crop diversification, grazing livestock, arthropod and microbial biocontrol agents, and other factors can be used to reduce weed germination, growth, competitive ability, reproduction, and dispersal. Special attention is given to the evolutionary challenges that weeds pose and the roles that farmers can play in the development of new weed management strategies.

"The intent of the book is clearly stated...and the authors fulfilled this intent... this is an excellent book that was long overdue. The authors have examined cultural and ecological methods for weed management comprehensively and at a depth seldom attempted. The book is thoroughly referenced and should be of value to researchers and graduate students in weed management and ecology. It may also be appropriate as a text for advanced courses in weed management and as a supplemental reference for undergraduate courses in weed science." Douglas D. Buhler, *Crop Science*"This book weaves a rich and coherent concept of ecological weed management from strands that have been spun out over the last two decades.... I would judge that [Liebman, Mohler and Staver] have been most successful, and have made a unique and very valuable contribution to the literature of weed science.... Without exception, the book's chapters are thorough, readable accounts, and provide very useful reference material for ecologists, agronomists and extension workers. Commendably, the book balances coverage among industrialized farming in developed countries and various forms of farming in developing countries." *Ecoscience*"The literature review alone is easily worth the price of the book...this is an excellent book for an advanced course in weed ecology and management...A major strength of this book is that it draws on the basic ecology and plant biology as well as applied literature...In addition to valuable synthesis the book provides, the authors also make a point of highlighting key areas in need of further research...I applaud the efforts of Liebman, Mohler, and Staver and recommend this book to scientist elucidating principles and processes in a more integrated and biologically based agriculture." *Ecology*"The well researched contents with extensive references could easily provide a good grounding in the subject matter....[The authors did] a well timed and well done text." *The Canadian Field-Naturalist*"I laud the authors for their balanced-not shrill-call for a philosophical shift in how we view and sustainably manage pests in agroecosystems." Robert N. Wiedenmann, *Entomological Society of America*