

Handbook of Agricultural Economics Volume 5
Christopher B. Barrett and David R. Just

This volume is a must read for scholars in the field to obtain both a historical perspective on work done on long standing topics such as the economics of innovation and risk management in production agriculture as well as on newly emerging topics such as the application of machine learning to agricultural and applied economic analysis. The chapters engage readers by providing a conceptual understanding of the state of the art and best practices for conducting research in agricultural economics. Editors Chris Barrett and David Just are to be commended on the coverage of topics included and the in-depth but easy-to-read content in all chapters that makes the book highly accessible for a wide range of readers from graduate students to seasoned researchers.

– **Madhu Khanna**, ACES Distinguished Professor Environmental Economics, Department of Agricultural and Consumer Economics, University of Illinois, Urbana-Champaign and President of the Agricultural and Applied Economics Association (2021-2022)

This volume is a great extension of Handbooks 1-4 published earlier, edited and written by the next generation of leading agricultural economists. This is an excellent and complementary set of reviews of areas in agricultural economics related to innovation, climate, risk, new approaches to data, gender and behavioral economics – all important contributions to understand crucial 21st century challenges.

– **Johan Swinnen**, Director General, International Food Policy Research Institute (IFPRI) & Global Director, Systems Transformation, CGIAR

Elsevier’s Fifth *Handbook on Agricultural Economics* consists of a wide-ranging set of topics by a powerful group of authors and reflects the best in the business doing the most important work in the field. Editors Chris Barrett and David Just have succeeded in building on the first four volumes in a manner that makes us look forward to Volume 6!

– **Nick Vink**, President of the International Association of
Agricultural Economists (2018–2021)

The new *Handbook of Agricultural Economics* is both extremely informative and a pleasure to read. It illustrates how agricultural economics research has expanded in recent years, to include the use of machine learning, data science, experiments, and social networks. It summarizes findings of a recent agenda including issues of gender, climate change, and animal health. The co-authors are a “dream team” of leading scholars who make complex technical concepts accessible and introduce relevant and interesting examples. I recommend it strongly to scholars and students of the field, and policymakers.

– **David Zilberman**, Robinson Chair, Department of Agricultural and Resource Economics, U.C. Berkeley



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