



Genetically Modified Food and Global Welfare

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Synopsis

Genetically modified crops are produced using plant biotechnology to select desirable traits and transfer genes from one organism to another. As a result, crops can survive under harsher conditions, costs are lowered, chemical application is reduced, and yields are improved. Scientists are introducing genes into plants that will give them resistance to herbicides, insects, disease, and drought. This application of modern biotechnology is one of the most significant advances to impact modern agriculture.

The potential of GM products has been overshadowed by controversy. Regulatory activism has given rise to a complex situation that is replete with obstacles for GM innovations. This is particularly true for the EU, which has implemented policies that undoubtedly constrain the current status and future potential of biotechnology.

Over the last decade a large body of applied economics work has addressed the key questions surrounding the application of this technology. It is now time to take stock of the results, and consolidate the methodological, analytical and empirical findings. This volume brings together fresh insights from top agricultural economists in the areas of consumer attitudes, environmental impacts, policy and regulation, trade, investment, food security, and development.



Research you can use

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