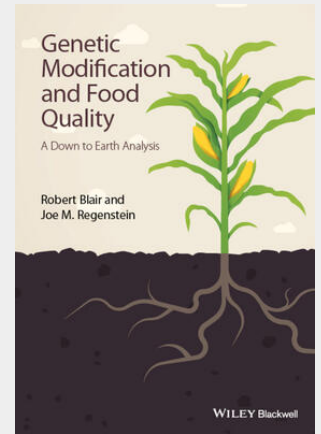


Genetic Modification and Food Quality

A Down to Earth Analysis

The development of recombinant DNA methods has changed the face of the food industry over the last 50 years. Crops which have been genetically modified are being cultivated in more and more countries and this process is likely to accelerate as desirable traits are identified and transferred to appropriate organisms, and they are cleared by the regulatory authorities. However, the technique has its critics who claim that modification of the genome of the plant (or animal) in this way may pose unknown and unacceptable risks to the human consumer. Genetic Modification and Food Quality: A Down to Earth Analysis is the first comprehensive text on how GM production methods influence the quality of foods and feeds, based on a complete and unbiased assessment of the scientific findings. It presents a balanced analysis of the benefits and drawbacks of gene-modified food sources in the human diet. Chapters approach the topic with regard to different food types such as cereal grains, oilseed crops, vegetables, fish and animal products. Assessing the nutritive value as well as the health and safety of GMO foods, this book is a reference for anyone working in the food production industry and will also be of an interest to NGOs, trade associations and consumers who are looking for an objective, balanced study of this contentious issue.

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