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Altri autori (Persone)	FlachowskyG
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction and background : challenges and limitations of GM-plants for animal nutrition / Gerhard Flachowsky -- Fundamentals of plant biotechnology / Marc de Loose and Ann Depicker -- Guidance documents for nutritional and safety assessment of feeds from GM plants (GMP) / Yi Liu, Anna Christodoulidou, Antonio Fernandes Dumont, Andrea Germini, and Claudia Paoletti -- Compositional analysis for nutritional and safety assessment of feeds from GM-plants / Gijs Kleter and Easter Kok -- Types of feeding studies for nutritional and safety assessment of feeds from GM-plants / Gerhard Flachowsky -- Feeding studies with GM-plants of the 1st generation (input traits) with food producing animals / Gerhard Flachowsky -- Feeding studies with GM-plants of the 2nd generation (output traits) with food producing animals / Gerhard Flachowsky -- Long-term and multigenerational animal feeding studies / Agnes E. Ricoch, Aude Berheim, Chelsea Snell, Gerard Pascal, Alain Paris, and Marcel Kuntz -- The fates of transgenic DNA and newly expressed proteins / Ralf Einspanier -- Influence of feeds from GM-plants on composition/quality of food of animal origin / Gerhard Flachowsky -- Feed additives produced by GM-microorganism (GMM) / Atte von

Wright -- The pipeline of genetically modified crops for improved animal feed : challenges for commercial use / Pascal Tillie, Koen Dillen, and Emilio Rodriguez-Cerezo -- Cultivation and developments in the field of GMP in Asia / Ranran Liu and Jie Wen -- Socioeconomic aspects of growing genetically modified crops / Matin Qaim -- Public acceptance of genetically modified plants / Joachim Scholderer and Wim Verbeke.

Sommario/riassunto

Transgenic plants are cultivated on a large scale worldwide, and most of the harvested products are fed to domestic animals. By gathering together more than 150 feeding studies with food-producing animals, and covering both first and second generation transgenic plants, this book provides the first central resource of this information for researchers, students, policy makers and all those who are interested in future developments in the field.
