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Sommario/riassunto

Industrial crops offer farmers new market opportunities to increase their revenue by producing high-value products, focusing on fiber, forest, and energy crops, industrial oilseeds, rubber and resins, pharmaceuticals, and more. Technological innovations in agriculture have facilitated higher yields, but conserving crop genetic resources and diversity remains crucial for sustainable agricultural production. This poses a challenge that can be addressed through modern tools of biotechnology and genomics, utilizing the wealth of sequenced plant genomes. This book addresses the need for knowledge in managing the risks and conservation of genetic diversity associated with advanced technology. It provides comprehensive coverage of plant genomics and biotechnology, catering to post-graduate students, researchers, employees of seed and biotechnology companies, as well as instructors in plant genetics, breeding, and biotechnology fields.