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Altri autori (Persone)	KangManjit S PriyadarshanP. M
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Nota di contenuto	Crop breeding methodologies: classic and modern / Manjit S. Kang ... [et al.] -- Genetic enhancement of polyploid crops using tools of classical cytogenetics and modern biotechnology / Prem P. Jauhar -- Biofortification: breeding micronutrient-dense crops / Wolfgang H. Pfeiffer, Bonnie McClafferty -- Bioinformatics and plant genomics for staple crops improvement / David Edwards -- Breeding spring bread wheat for irrigated and rainfed production systems of the developing world / Ravi P. Singh, Richard Trethowan -- Rice breeding for sustainable production / Sant S. Virmani, M. Ilyas-Ahmed -- Barley breeding for sustainable production / Salvatore Ceccarelli ... [et al.] -- Corn breeding in the twenty-first century / G. Richard Johnson -- Soybean breeding achievements and challenges / Silvia R. Cianzio -- Breeding potato as a major staple crop / John E. Bradshaw -- Breeding of sweetpotato / S. L. Tan, M. Nakatani, K. Komaki -- Cassava genetic improvement / Hernan Ceballos ... [et al.] -- Banana breeding / Michael Pillay, Leena Tripathi.

Sommario/riassunto

As the world's population increases the need to produce greater quantities of major staple crops such as wheat, rice, maize, potato, cassava, soybean, sweet potato, barley, and banana in order to sufficiently feed the people of the world continues to grow. *Breeding Major Food Staples* covers improving yields and quality of these crops through breeding and the use of molecular biology tools such as gene transfer, genome mapping, biofortification, and bioinformatics. This book will be an important reference for anyone working in crop breeding.
