

1.	Record Nr.	UNIORUON00297197
	Titolo	Brandaniana : kritische Bemerkungen zu den Untersuchungen über die deutschen und niederländischen Brandan-Versionen der. sog. Reise-Klasse. Mit komplettierendem Material und einer neuausgabe des östfalischen Gedichtes / von Torsten Dahlberg
	Pubbl/distr/stampa	Göteborg, : Elanders Boktryckeri, 1958
	Descrizione fisica	149 p., [2] c. di tav. ; 24 cm.
	Disciplina	829
	Lingua di pubblicazione	Tedesco
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9911034943103321
	Autore	Salem Khaled F. M
	Titolo	Breeding and Biotechnology of Leaf, Fruit, and Seed Fiber Crops // edited by Khaled F. M. Salem, Jameel M. Al-Khayri, Shri Mohan Jain
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	3-032-00407-1
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (1349 pages)
	Collana	Advances in Plant Breeding Strategies, , 3004-8745 ; ; 11
	Altri autori (Persone)	Al-KhayriJameel M JainShri Mohan
	Disciplina	580
	Soggetti	Botany Genetics Biotechnology Plant Science Genetics and Genomics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Part I: Leaf Fiber Crops -- Chapter 1: Advancements in Abaca (Musa

textilis Nee.) Breeding and Biotechnology for Ensuring the Sustainability of the Philippine Abaca Industry -- Chapter 2: Plant Breeding and Potential Biotechnology Uses of Agave as a Source of Fiber, with Emphasis on Maguey Tepeztate (*Agave marmorata* Roez) From Central and South Mexico -- Chapter 3: American Century Plant (*Agave americana* L.) Breeding -- Chapter 4: Egyptian Clover (*Trifolium alexandrinum* L.) Improvement Over Decades from Traditional Selection to Next-Generation Breeding -- Chapter 5: Maguey Espadin (*Agave angustifolia* Haw.) Breeding and Biotechnology -- Chapter 6: Recent Advances in Date Palm (*Phoenix dactylifera* L.) Biotechnology and Breeding -- Chapter 7: Molecular Genetics and Breeding Strategies of Doum (*Hyphaene thebaica* L.) -- Chapter 8: Maguey Cenizo (*Agave durangensis* Gentry) Breeding -- Chapter 9: Pineapple (*Ananas comosus* L.) Breeding: Current Status and Future Prospects -- Chapter 10: Sago Palm (*Metroxylon sagu* Rottb.) Breeding -- Chapter 11: Sisal (*Agave sisalana* Perrine) Breeding -- Chapter 12: Recent Advances in Sugar Palm (*Arenga pinnata* Wumb. Merr.) Biotechnology and Breeding -- Chapter 13: Advances in Breeding and Biotechnology Approaches for Genetic Enhancement in *Yucca* (*Yucca* spp.) -- Part II: Fruit Fiber Crops -- Chapter 14: Breeding and Biotechnology Approaches for Genetic Enhancement in Citrus (*Citrus* spp.) -- Chapter 15: Exploring Innovations in Plant Breeding and Biotechnological Approaches for the Sustainable Cultivation of Coconut (*Cocos nucifera* L.) -- Chapter 16: Oil Palm (*Elaeis guineensis* Jacq.) Breeding -- Part III: Seed Fiber Crops -- Chapter 17: Tree Cotton (*Gossypium arboreum* L.) Breeding: Current Status and Future Prospects -- Chapter 18: Breeding Approaches for Genetic Improvement in Diploid A Genome Levant Cotton (*Gossypium herbaceum* L.) -- Chapter 19: Recent Advances in Upland Cotton (*Gossypium hirsutum* L.) Breeding -- Chapter 20: Recent Molecular Genetics and Breeding Strategies in Egyptian Cotton (*Gossypium barbadense* L.) -- Chapter 21: Kapok (*Ceiba pentandra* L.) Breeding.

Sommario/riassunto

This book compiles a wide range of topics relevant to studying the use of both innovative and conventional plant breeding methods to develop new varieties of leaf, fruit and seed fiber crops under various environmental conditions for sustainable fiber production. The book contains 21 chapters supported by 182 color figures and 70 tables. The chapters are grouped into three parts. Part I, subtitled Leaf Fiber Crops, covers the genera *Musa*, *Agave*, *Trifolium*, *Phoenix*, *Hyphaene*, *Ananas*, *Metroxylon*, *Arenga*, and *Yucca*. Part II, subtitled Fruit Fiber Crops, covers the genera *Citrus*, *Cocos*, and *Elaeis*. Part III, subtitled Seed Fiber Crops, covers the genera *Gossypium* and *Ceiba*. Each chapter discusses breeding techniques for specific species or a group of related species. Topics covered include current cultivation methods and challenges, biodiversity, germplasm conservation, breeding methods including conventional, molecular, tissue culture, genetic engineering, gene editing, hybridization, and mutation breeding. Each chapter concludes with future research directions and a comprehensive list of references for further reading. Sixty-nine globally recognized scientists from 12 different nations contributed to the chapters based on their expertise in the subject. The chapters underwent a thorough review process to ensure scientific accuracy and presentation quality. The book is a valuable resource for professional plant breeders and geneticists, researchers, entrepreneurs, and graduate students who are interested in biotechnology, molecular breeding, and agriculture.