

1. Record Nr.	UNINA9910847575003321
Autore	Rajasekharan P. E
Titolo	Fruit and Nut Crops [[electronic resource] /] / edited by P. E. Rajasekharan, V. Ramanatha Rao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9953-48-0
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (666 pages)
Collana	Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources, , 2524-8456
Altri autori (Persone)	RaoV. Ramanatha
Disciplina	581.38
Soggetti	Plants - Evolution Biodiversity Agriculture Plant genetics Plant Evolution Plant Genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Apple <i>Malus pumila</i> Mill -- Black currant, <i>Ribesnigrum</i> L -- Strawberry, <i>Fragariaspp</i> -- Grape, <i>Vitis vinifera</i> L -- Prunus spp.: Prunus amygdalusBatsch, Almond; Prunus armeniacaL., Apricot; Prunus persica (L.) Batsch., Peach & others - Papaya Pyrus Spp -- Pyruscommunis L., Pear & other Pyrus spp -- Banana Species - Guava, <i>Psidiumguvjava</i> L -- Litchi, Lychee, <i>LitchichinensisSonn</i> -- MangoMangiferaindica I. and other Mangifera spp -- Oranges and other citrus fruit, Citrus spp -- Pomegranate, <i>Punicagranatum</i> L. – Walnut - Cashew nut - Custard apple, <i>Annona squamosa</i> L. & otherAnnona spp -- Date palm, Phoenix dactylifera L., - Fig, <i>Ficuscarica</i> L. & other Ficus spp -- Phyllanthus emblica L - Java plum, <i>Syzygiumcumini</i> (L.) Skeels, and <i>Syzygium</i> spp -- Aegle marmelosL., Bael -- Capparis decidua (Frosk.) Edgew, Ker -- <i>Cordia myxa</i> Roxb., Lasoda -- <i>Carissa carandas</i> L., Karonda -- <i>Garcinia mangostana</i> L., Mangosteen; <i>Grewiaasiatica</i> L., Grewia -- <i>Tamarindusindica</i> L., Tamarind -- <i>Feronia limonia</i> L. Kaith, etc.) - Indian Pear (<i>Pyrus pashia</i>) - Melons (Watermelon, Cantaloupe, Honeydew).

Sommario/riassunto

Fruit and Nut Crops: A Treasure Trove of Diversity and Resilience Dive into the fascinating world of fruit and nut crops in this comprehensive volume. Explore their origins, evolution, and global journey, from wild ancestors to diverse cultivars nourishing us today. Uncover their crucial role in food security, providing vital nutrients and supporting livelihoods. This book champions urgent conservation efforts in the face of threats like habitat loss and climate change. It delves into both ex situ and in situ strategies, emphasizing the importance of preserving genetic diversity for the future. Learn about domestication processes and the development of gene pools adapted to specific environments. Discover the economic and social benefits of utilizing fruit and nut genetic resources, from breeding programs that empower communities to innovative techniques for enhancing yields and quality. This invaluable resource equips researchers, breeders, and policymakers with the knowledge to safeguard and advance this critical agricultural sector.
