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	Harvest maturity; Grading and packaging; Storage; Chilling injury and storage disorders; Preharvest factors; 4.5 Insects and Diseases; Insects; Diseases; 4.6 Challenge and Opportunity; Production costs; Stress tolerance; Impact on environment; Nutritional values and health concerns; Breeding; 4.7 Summary; 5 Tissue Culture of Capsicum Species; 5.1 Introduction 5.2 Recalcitrance of Capsicum GenusThe genotype and explant in regeneration; 5.3 In vitro Morphogenesis of Capsicum Genus; Organogenesis; Somatic embryogenesis; 5.4 Plant Tissue Culture for Pepper Crop Improvement; Somaclonal variation in pepper; Haploid culture; Protoplast culture; Genetic transformation of chilli pepper; 5.5 Perspectives; 6 Transplant Production; 6.1 Introduction; 6.2 Seed Production; 6.3 Priming Seed; Seed; Priming methods; Seed coating; 6.4 Greenhouse Seedling Production; Temperature; Moisture; Humidity; 6.5 Media; Composition; Nongreenhouse production 6.6 Organic Variations6.7 Planter Trays; 6.8 Seeding Methods; Fertilization; 6.9 Pest Control; Insects; Fungi; Other pests and problems; 6.10 Plant Hardening; 7 Transplanters for Use in Pepper Production; 7.1 Introduction; 7.2 Types of Transplanters and Seedlings; Classification of seedlings; 7.3 Mechanical Details of Transplanters for Peppers; Seedling box or tray holder; Trash cutting devices, furrow openers, soil covering and soil packing devices; Planting unit; Seedling pick-up unit; 7.4 Recent Advances in the Design of Transplanters; 7.5 Performance of Transplanters 7.6 Transplanting Requirements of Peppers and Mechanical Transplanters
Sommario/riassunto	The group of plants known as 'peppers' is diverse, containing types that contribute to the fresh and processed food markets as well as varieties that are used in pharmaceuticals and other non-food commercial products. Peppers originally developed in tropical regions, but are now grown and used in every country where it is possible to grow them, including in areas where production is difficult. This book examines peppers from historical, genetic, physiological and production perspectives, following the development of the cultivated crop from the wild type. Diverse examples of pod types and thei