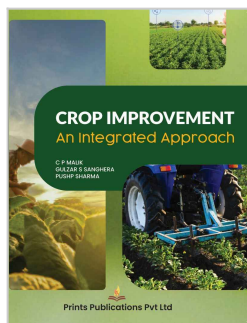


Book Information Sheet

Prints Publications Pvt. Ltd.



Crop Improvement: An Integrated Approach

Author: C P Malik, Gulzar S. Sanghera, Pushp Sharma

Publisher: Prints Publications Pvt Ltd

Product Specification

Publisher	Prints Publications Pvt Ltd
Publication Year	2022
ISBN-13	9789393674081
Binding	hard_back
Number of Pages	290
Language	english
Edition	1st
Dimension	7.5"x9.5"
Weight (Grams)	780
Subject	Botany
Availability	1

Price

Price (INR):	₹ 2495
Discounted Price (INR):	₹ 1621.75
Price (USD):	\$ 65
Discounted Price (USD):	\$ 52

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CP Malik has 50 years of experience of Teaching and research in Genetics Molecular Biology, Molecular Plant Physiology and Plant Biotechnology in several Universities in India and abroad. He has published more than 400 research papers, several reviews and books in the above subject. Malik is recipient of several awards and is fellow of several Academic including Indian national Science Academy (FNA) and Academy of Ag. Science (FNAAS). He is widely travelled and has visited several countries.

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Gulzar S Sanghera, obtained his Ph. D from PAU, Ludhiana specializing in plant breeding and genetics, plants tissue culture and genetic transformation. Currently, Senior Scientist (PBG) at Mountains Research Centre for Field Crop, Khudwani, in SKUAST-Kashmir. He has published over 60 research papers and review in national and international reputed scientist journals.

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Pushp Sharma is working as Plant Physiologist, at PAU, Ludhiana secured her Ph.D. degree in 1992. She has several publications in journal of International repute and has several book chapters.

Product Description

The present volume titled CROP IMPROVEMENT: AN INTEGRATED APPROACH has 10 chapters divisible in three disciplines. The first discipline deals with biotechnology; includes Crop Improvement in sustainable way through genomic intervention; Advances in hybrid rice technology through application of genetic engineering; Nuclear and organelle specific markers with specific emphasis on chloroplast and its uses in genetic analyses; Assessing morphological, biochemical, utility and molecular diversity in Coriander (*Coriandrum Sativum* L.) the status of crop improvement in seed species. The second discipline Physiology deals with Translocation of photoassimilates, Carbon partitioning and Crop Productivity and Recent Advances in photosynthesis for enhancement of crop productivity: Morphological, Physiological and Biochemical response in Plants subjected to salt stress last chapter Summarizes Utilization of Nanotechnology in Crop Improve. The book will cater to needs of postgraduates specializing in plant breeding genetics, Plant physiology. crop breeding, biotechnology and Nano biotechnology, Especially interested in crop improvement.