

Preface

The main aim of this book is to educate learners and enhance their research focus by presenting diverse topics covering this vast field. This is an advanced book which compiles significant studies by distinguished experts in the area of analysis. This book addresses successive solutions to the challenges arising in the area of application, along with it; the book provides scope for future developments.

The aim of this book is to provide research-focused information regarding selected plant physiology. This book provides fundamental concepts and latest insights on plant physiology covering abiotic stress, plant water relations, mineral nutrition and reproduction. Plant reactions to insufficient water availability and other inorganic strains (like metals) have been studied through changes in water consumption, transport structure and through molecular and genetic methods. A comparatively new feature of fruit nourishment is presented in order to offer the basis for the development of a few fruit quality traits. Compiling researches of experts around the globe, it can serve as a source of methodologies, theories, pathways and ideas for students and researchers in different areas of plant physiology.

It was a great honour to edit this book, though there were challenges, as it involved a lot of communication and networking between me and the editorial team. However, the end result was this all-inclusive book covering diverse themes in the field.

Finally, it is important to acknowledge the efforts of the contributors for their excellent chapters, through which a wide variety of issues have been addressed. I would also like to thank my colleagues for their valuable feedback during the making of this book.

Editor