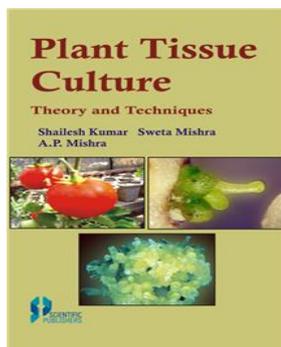


Plant Tissue Culture : Theory and Techniques

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Blurb

Biotechnology is an emerging field of science and as such the government of India is laying a large and exclusive impetus on it. Plant tissue culture is the basic and the most important aspect of Biotechnology. Therefore, plant tissue culture has been introduced as a compulsory course in the Undergraduate and Postgraduate syllabi of all the Agricultural Universities, ICAR institutes and other plant science related educational organizations. This book has been designed to benefit the students, the research scholars and the scientists for developing a level of self-confidence to conduct the experiments independently and can acquire the practical skills along with the basic know-how about the techniques being used. Each chapter is devoted to a separate aspect of plant tissue culture and the chapters are arranged in the order of increasing technical complexity. The opening chapters present a brief historical survey of the field of plant tissue culture, a background in sterilization techniques. The text deals with the experimental details of each and every technique. The protocols have been simplified legibly to include details and notes that we hope will help the user avoid unnecessary errors and confusion. All the applications of plant tissue culture have been very well discussed and the techniques associated with them described in detail. This being a complete book on Plant tissue culture will solve all types of problem of the users who will not have to use other resource books for the same purpose.

Table of Contents

Foreword

Preface

Chapter 1. Introduction and History of Plant tissue culture

Chapter 2. Laboratory Design and management

Chapter 3. Good Laboratory Practices

Chapter 4. Contamination

Chapter 5. Sterilization techniques

Chapter 6. Buffers and Solutions

Chapter 7. Plant culture media Chapter 8 Plant hormones

Chapter 9. Collection and preparation of explants

Chapter 10. Micropropagation

Chapter 11. Cell suspension culture

Chapter 12. Meristem culture

Chapter 13. Callus culture

Chapter 14. Organogenesis

Chapter 15. Somatic embryogenesis

Chapter 16. Somaclonal variation

Chapter 17. Embryo rescue and Embryo culture

Chapter 18. Haploid production

Chapter 19. Protoplast isolation, culture and Somatic hybridization

Chapter 20. Secondary metabolite production

Chapter 21. Cryo-preservation

Chapter 22. Agrobacterium-mediated transformation

Chapter 23. Micro tuber production in potato

Chapter 24. Elementary statistics often used in plant sciences

Chapter 25. Design, its layout, analysis and interpretation for the experiment conducted in laboratories

Appendices

Glossary

References

Subject index

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