



Fundamentals of Plant Physiology

By V.K. Jain

S. Chand & Company Ltd., 2013. Softcover. Book Condition: New. 5th or later edition. 1. Revised and updated matter in simple and lucid style. 2. Additional features 3. Questions (asked in Degree Examinations of some Universities) and objective type features further fortify the utility of the book. 4. Glossary has been updated by addition of 25 more technical terms. 5. Bibliography induction authenticates the content accordingly. 6. Overall, the book caters not only to the undergraduate, honours and postgraduate students but also fares well in the competition arena. Contents: 1. The Plant cell 2. Water, Solutions, Suspensions and Colloidal Systems 3. Diffusion, Osmosis and Imbibition 4. Absorption of water 5. Transpiration and Guttation 6. Ascent of Sap 7. Absorption of Mineral Salts 8. Mineral Nutrition of Plants 9. Nitrogen Metabolism 10. Enzymes 11. Photosynthesis 12. Special Methods of Nutrition 13. Carbohydrate Metabolism 14. Lipid (Fat) Metabolism 15. Translocation of Organic Solutes 16. Respiration 17. Growth and Growth Hormones 18. Photoperiodism 19. Vernalization 20. Germination and Dormancy of Seeds and Buds 21. Plant Movements 22. Circadian Rhythms in Plants 23. Stress Physiology 24. Secondary Metabolites 25. Photomorphogenesis Appendices References (Bibliography) Glossary Printed Pages: 683.



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