

CONTENTS

1. Soil Fertility and Productivity	1-11
2. Plant Growth	12-19
3. Essential Plant Nutrients	20-34
4. Mechanism of Nutrient Absorption	35-41
5. Soil Fertility Evaluation	42-53
6. Mineralization and Immobilization of Nitrogen in Soils	54-69
7. Fixation and Availability of Phosphorus in Soils	70-76
8. Fixation and Availability of Potassium in Soils	77-82
9. Classification of Manures and Fertilizers	83-90
10. Nitrogenous Fertilizers	91-117
11. Phosphatic fertilizers	118-135
12. Potassic Fertilizers	136-144
13. Secondary Fertilizers	145-150
14. Micronutrient Fertilizers	151-160
15. Complex Fertilizers	161-168
16. Mixed fertilizers	169-180
17. Biofertilizers	181-190
18. Farmyard Manure	191-205
19. Compost	206-220
20. Green Manures	221-228
21. Concentrated organic manures	229-233
22. Methods of application of fertilizers	234-242
23. Integrated Nutrient Management	243-248
□ Appendix-1	(i)
□ Appendix-2	(ii)
□ Glossary	(iv)