CONTENTS

PREFACE, vii

- 1 Introduction to Soil, 1
- 2 Soil Formation, 7
- 3 Soil Physical Properties, 23
- 4 Soil Biological Properties, 35
- 5 Soil Chemical Properties, 57
- 6 Soil Water, 77
- **7** Soil Temperature, 95
- 8 Soil Fertility and Plant Nutrition, 107
- 9 Soil Management, 145
- 10 Soil Conservation and the Environment, 159
- 11 Conservation Agriculture, 175
- 12 Soil Classification and Surveys, 187
- 13 Soil and Its Uses, 223

GLOSSARY, 243

INDEX, 255