**DESCRIPTION**

The classic turfgrass management handbook, updated with new developments in the field

*Fundamentals of Turfgrass Management* is the bestselling guide with expert coverage of basic turfgrass science and all aspects of practical care. Now in its fifth edition, this industry favorite offers the latest information on growth, nutrition, herbicides, insecticides, and fungicides, as well as new chapters discussing shade stress and light requirements and the benefits of turf. Though written at an introductory level, this book provides experienced turf managers with the most current thinking and new developments in wide range of topics, such as fertilization, grass selection, pest management, plant growth regulators, sports turf management practices, soil testing, and water quality. For students and experienced professionals alike, this book provides a thorough and well-rounded reference with everyday utility.

Today’s turf managers must have detailed knowledge of agronomy, botany, entomology, horticulture, pathology, and business management. This book brings these diverse fundamentals together into a single volume and will help you to:

- Master the art and science of turfgrass care, cultivation, and management
- Learn best practices for mowing, fertilizing, soil health, irrigation, and more
- Identify, manage, and control insect, disease, and weed pests
- Examine the professional management of sports turf, golf courses, lawns, and sod
Turf management is a $70 billion industry that reaches into sports, tourism, land management, real estate, and more. The care and maintenance of high quality turf requires careful consideration and monitoring of many variables, and both strategic planning and quick action are needed to stay ahead of threats from weather, pests, traffic, and more. *Fundamentals of Turfgrass Management* provides clear guidance and comprehensive coverage of all aspects of the industry, with the latest information all turf managers need to know.

### ABOUT THE AUTHOR

**NICK E. CHRISTIANS, PhD,** is professor of Horticulture at Iowa State University. He is the author of numerous books, including *The Mathematics of Turfgrass Maintenance, Fourth Edition,* and *Mathematics for the Green Industry.*

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