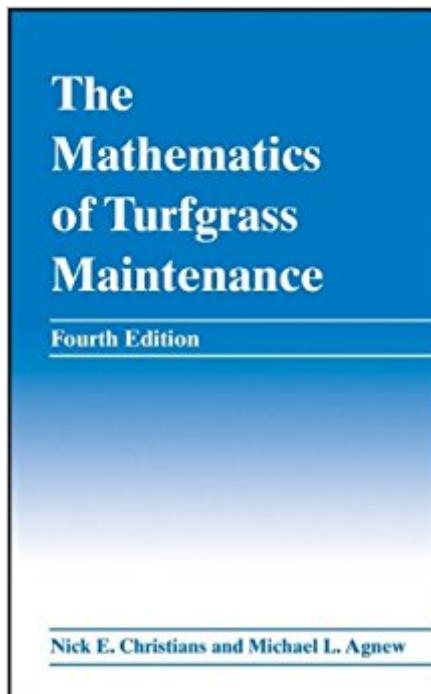


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# The Mathematics Of Turfgrass Maintenance



## Synopsis

Loaded with helpful hints and easy-to-understand examples -- and now with 20 percent more content -- this book covers the type of mathematical problems that golf course superintendents face every day. You'll learn how to handle budgeting estimates and figure how much fertilizer or pesticide you should buy. You'll also find guidance on the ordering of topdressing, irrigation volume and coverage, area and volume calculations, and many other aspects of golf course operation that require a thorough understanding of basic mathematical principles. Whatever the management calculation may be, this book has the solution you need! Example problems and answers help you get the job done right.

## Book Information

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## Customer Reviews

Everything you want to know about turfgrass calculations; now even more complete A great deal of mathematical knowledge is required of golf course management. From budgeting estimates to ordering topdressing, to irrigation volume and coverage, to many other parts of golf course operation, a thorough understanding of basic mathematical principles and the ability to relate those principles to real-world situations is an absolute must. This new and expanded edition of this classic reference is loaded with all the information you need, covering the mathematical problems that a golf course superintendent faces every day, along with many sample situations. Now offering more models and problems, along with detailed answers, this is an ideal reference for anyone studying for GCSAA certification. Each chapter relies on using mathematical proportions and a logical,

methodical approach to solve problems. Some of the topics featured include: Area calculations  
Volume calculations Fertilizer and pesticide calculations Achieving precise spreader and sprayer  
calibrations Irrigation calculations Seeding rate calculations Application of small amounts of  
materials to greenhouse pots

Nick E. Christians, PhD, is a professor of horticulture at Iowa State University, Ames, Iowa, and is the recipient of numerous honors, including the Outstanding Educator Award from the American Society of Horticultural Sciences and the Iowa Legislative Teaching Excellence Award. Michael L. Agnew, PhD, is a senior field technical manager at Syngenta Professional Products, Greensboro, North Carolina, and former associate professor and turfgrass extension specialist at Iowa State University.

Very useful information for Turfgrass managers.

Thorough, all the info. that I was looking for. ALL the info. worded well, with numerous practice examples. Perfect. If you're like me, algebra and geometry were learned a long time ago. This book is a must for the golf course superintendent.

Great reference for turf managers.

It is a very good and useful reference book for quick trade calculations. I would recommend it to anyone who needs to work out in the field or behind a desk.

easy to read, useful. I will keep this book for ever. great for golf course, farm, nurseries. good math examples.

Great book, great price, couldn't be happier. Item was in better condition than expected. A must have for anyone in the turfgrass management business.

It should be named something like the "Essential Math Reference Book for Farmers, Landscapers, Golf Course Superintendents, Nursery Managers etc." What a wonderful and easy to use reference book for anyone dealing with the frustrating world of area measurements, volume/fertilizer/pesticide/irrigation/seeding rate calculations, and spreader and sprayer calibration.

I've worn out one copy and am on my second. I use it on my farm, at work as a pesticides applicator, and in my landscaping business. This is a must-have book for folks like me that hate math but have to use it almost everyday....believe me your money won't be wasted on this one and it won't just collect dust on your shelf.

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