**The John Bean Rotocast** provides better spray coverage of greens, fairways, roughs... or into wooded areas for mosquito control. Coverage from a distance... not tracking through... an ability your greens committee will appreciate. The Rotocast combines the best features of both air and hydraulic spraying, and in most cases reduces water use. You can apply insecticides, fertilizers—or even windrow leaves away—faster and more easily. Ask for a Rotocast demonstration. It will pay off for you.

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**Turf Management Handbook**

*By Howard B. Sprague*

*Interstate Printers and Publishers*

*Danville, Ill.* $9.25

Undoubtedly, this is the new bible of the turf management field. The first, of course, was according to Musser.

Dr. Sprague's book achieves something that revisionists of our traditional Bibles have strived for—clarity and easy reading—and he may have pulled it off better than they. It is not quite as involved as Musser's and, indeed, is written for the practical because the technical stuff is explained in unprohibitive language.

Early in the book the author gets down to basics by giving a lucid explanation of roots and the part they play in producing healthy turf. He goes on the premise that if the turfman understands roots and how they figure in the buildup of the soil structure, this knowledge will give him the key to solving the whole growing equation.

Superintendents who have had to contend with an overabundance of rain and have soils that tend to the acid side, will profit by reading Chapter 3, entitled Soil Acidity and Liming. Some good tips are to be found on countering acidity through lime application and by holding back on fertilizer or balancing it with lime. A chart on page 32 may prove to be invaluable in getting established in your mind the Ph range or effect of various nutrients.

In the following chapters, the importance of humus as a reservoir for nutrients and fertilizers, which it ladles into the soil as these ingredients are needed, is described. How grass itself works as a producer of humus is explained. The first 65 or 70 pages of the 253-page book get the groundwork established. Thereafter, the reader is told what makes grass grow and what should or shouldn't be planted in warm and cold regions. The last section is devoted to turf plantings and maintenance.

Dr. Sprague may have made his photo selections late at night when he was tired. A repeat of a photo on page 20 sneaks in again on page 170.

—Joe Doan