

In order to obtain such a ratio, a good percentage of coarse materials is required. An ideal ratio of ingredients would be approximately 60 per cent coarse, sharp sand; 25 per cent *sterile* soil; and 15 per cent organic matter. How do you obtain this ratio? Take a sample of your present soil and send it to your agricultural experiment station for mechanical analysis. Request recommendations also on the amounts of coarse, sharp sand and organic matter required to give you the 60-25-15 ratio.

For a description of the type of coarse sharp sand required see page 123 of the USGA's book, "Turf Management," by H. B. Musser. We realize that sand to fit these specifications may not be available everywhere but if you will bring these specifications to your supplier he will be able to tell you whether he has sand which closely approximates it. If you merely ask for a coarse, sharp sand you may wind up with an undesirable product. The description, "coarse, sharp sand" means different things to people engaged in different fields.

3. *Surface drainage*: Allow for good surface drainage by sloping the green from two or three directions. Approximately a grade of 1 to 3 per cent is most desirable. In grading the green allow for adequate cupping space — keep slopes gradual.

4. *Tile drainages*: Install tile to remove surplus or excess water. Keep the soil "breathing," and the turfgrasses above will be better for it.

*Al Radko, Northeastern
Director, USGA Green Section*

Keeps Bermuda From Greens

It is quite impressive how Tom Dawson has stopped Bermudagrass infestations around the edges of the James River greens. This has been accomplished through the use of a power edger regularly twice a week. One man covers the 18 holes with the machine in about seven and one-half hours.

*—Mid-Atlantic Assn. of
Golf Course Supts.*

List Rainy Day Jobs

Have a list of inside jobs for your men to do on rainy days so they won't have to be sent home and lose time. If a job can be done inside and can wait, then save it. The men will appreciate it and perhaps you can get more done outside.

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USGA Asks Member Clubs to Help Ban Gambling

USGA, at its annual meeting in January, amended its rules to withhold amateur status from those whose activities in connection with golf gambling are considered to be contrary to the best interests of golf. Entry to the association's championships will be refused such persons.

Isaac B. Grainger, retiring pres., asked member clubs, golf associations and other sponsors of competitions to prohibit gambling in connection with tournaments. His stand was seconded by Richard S. Tufts, Pinehurst, N. C., the association's new pres. Both Grainger's and Tufts' motions were dictated by the Calcutta pool scandal which came to light last fall.

Grainger explained that USGA cannot control the affairs of member clubs or affiliated associations by ordering them not to run Calcuttas. He added, however, that it is within the power of the association to punish participants in the pools by withdrawing their names from amateur rolls.

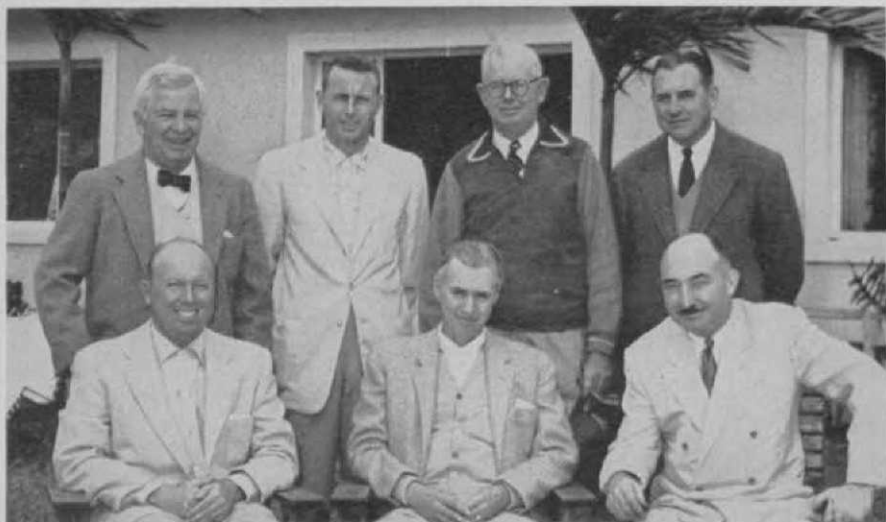
The one day meeting, held in New York's Vanderbilt Hotel, was attended by delegates representing nearly 2,000 member clubs. During the proceedings, Bill Campbell, Huntington, W. Va., captain of the 1955 U. S. Walker Cup team was presented the Jones Award for sportsmanship.

Name Curtis Cup Team

The Curtis Cup team that will meet the British in Sandwich, Eng., June 8-9 was announced. Mrs. Harrison Flippin is the non-playing captain. The team will include Pat Lesser, Jane Nelson, Mary Ann Downey, Mrs. Scott Probasco, Polly Riley, Barbara Romack and Wiffy Smith. Alternates are Mrs. Philip Cudone, Jacqueline Yales and Ann Quast.

Committee chairmen named by Tufts are: Rules of Golf, John M. Winters, Tulsa, Okla.; Championship, John D. Ames, Chicago; Amateur Status, John W. Fischer, Cincinnati; Membership, Gordon E. Kummer, Milwaukee, Wis.; Handicap, William O. Blaney, Boston; Green Section, T. R. Garlington, Atlanta.

Women's, Mrs. Harrison Flippin; Sectional Affairs, F. Warren Munro, Portland, Ore.; Public Links, Edward E. Lowery, San Francisco; Junior Championship, J. Frederic Byers, Jr., Pittsburgh; Girls' Junior, Mr. John Pennington, Buffalo; Senior Championship, John G. Clock, Long Beach,



Lawrence Elected to Head Golf Course Architects



Robert F. Lawrence (1), Miami Beach, Fla., is the new pres. of the American Society of GC Architects which recently held its annual meeting at the Emerald Beach Hotel, Nassau, the Bahamas. 1956 directors of the organization are pictured above. They are: Top Row (l to r): William H. Diddel, Ormond Beach, Fla.; David W. Gordon, William H. Gordon, Doylestown, Pa.; and Robert Bruce Harris, Chicago. Front Row: William F. Bell, Pasadena, Calif.; James G. Harrison, Turtle Creek, Pa.; and Howard Watson, Quebec, Can. Bell is also vp and Watson, secy-treas. of the Society. Ralph Plummer, Dallas, Tex., was elected to membership in the ASGCA during the Bahamas convention.

Calif.; Museum, Thomas H. Choate, New York; Bob Jones Award, Totten P. Hefflinger, Minneapolis; and Finance, Byers.

John W. Fischer, amateur status chairman, said that companies have been granted permission to pay expenses of teams competing in major business and industrial tournaments. The ruling was made in deference to the growing field of industrial golf.

Minnesota GCSA Meeting

Minnesota's Golf Course Supts. Assn. will hold its 28th annual meeting at the Curtis Hotel, Minneapolis, Feb. 29-Mar. 2. David M. Lilly, pres., Toro Co., will be MC and conference sessions will be directed by Michael Weinhandl, Ernest Lindgren, Robert Feser and Henry Bohks.

Golf Car Makers Organize Trade Association

Golf car manufacturers have organized a new trade association known as "Electric Car Manufacturers Assn."

The organization was established at a recent exploratory meeting of manufacturers held at Camel Back Inn., Phoenix, Ariz.

An interim set of officers was named at the Phoenix meeting. They include W. C. Coleman, Mid Empire Corp., Milwaukee; Wis., President; J. H. Carrier, Cushman Motor Works, Inc., Lincoln, Neb., V. P.; N. A. Saigh, Electric Carrier Corp., San Antonio, Tex., V. P.; M. J. Zurowski, Mid Empire Corp., Sec.; and A. C. Buehler, Jr., Victor Adding Machine Co., Electric-Car Division, Chicago, Ill., Treas.

The next business meeting of the new association will be held early in 1956 at a mid-west location.

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