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Promoting use of vehicles, preventative maintenance, safety, etc. to be stressed in Association's education program

Golf Car Manufacturers Organize at Denver Meeting

Golf car manufacturers met in Denver, Colo., June 25 and moved into action that resulted in formation of the American Golf Car Manufacturers' Association. Interest in forming the association had been assured at a Chicago meeting held by GOLF-DOM for car manufacturers attending the April PGA golf show.

James H. Carrier, Cushman Motors, Inc., who was chairman of the organizational committee, was elected president of AGCMA. Aubrey Wright, Columbia Car Corp., is vp; Jack Grauman, Wayne Mfg. Co., is secretary and William A. Dolan, EZ-Go Car Div. of Textron, Inc., treasurer.

Joining the officers on the executive committee are: John Bozarth, Walker Mfg. Co., Fred Dunn, Taylor-Dunn Mfg. Co., and David A. Metcalf, Versal, Inc. The finance committee consists of Carrier, chairman, Dolan and Metcalf.

The association will concentrate on supplying information and guidance to course officials and operating personnel responsible for the various phases of car management and service.

This important and widely needed service is to be made available through the association's development of an educational program to:

Show golf courses how to merchandise the use of golf cars;

Explain how to set up a preventative maintenance program that eliminates breakdowns, keeps operational costs under control and protects capital investment by extending the useful life of vehicles;

Instruct golfers on the safe and proper use of golf cars; Study and help correct causes contributing to turf damage and accidents.

Other association objectives are:

To explore the possibility of minimum industry specifications pointed particularly toward operating safety;

To consider the creation of a Golf Car Manufacturers' Association "seal" to signify manufacturing integrity and

participation in the programs.

Golf car manufacturers realize that some of the problems common to their industry are the result of problems that are common among their customers. They feel that many of these problems can be solved economically through the association's educational programs. Many courses have developed satisfactory procedures for car operations, but the great majority of courses undoubtedly need and will welcome association assistance.

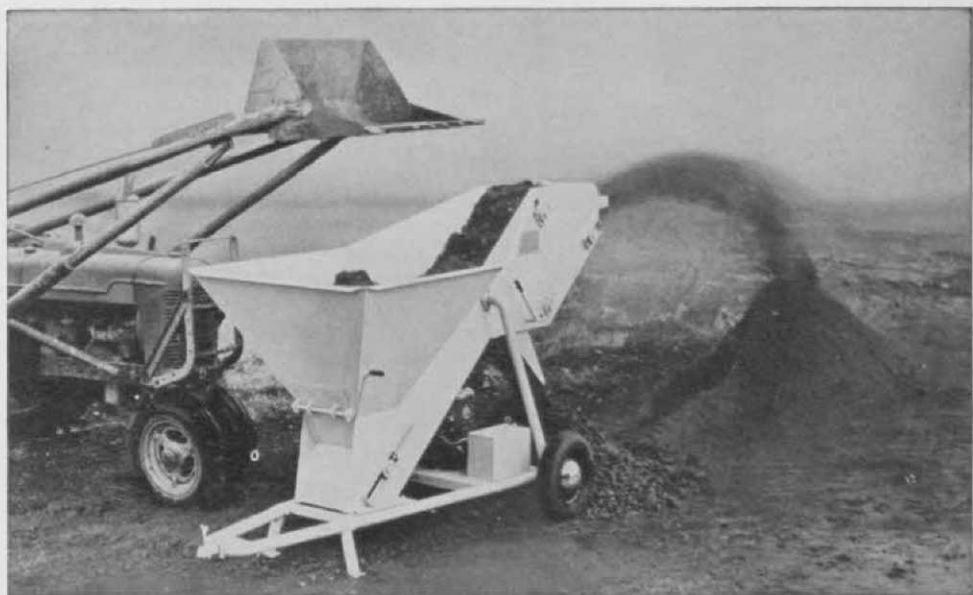
Under the guidance of its first president, the association took quick, decisive action that showed the members' awareness of an important job overdue for attention. The executive committee is scheduled for an early meeting in Chicago where, with the advice of the association's attorney, by-laws will be prepared to be submitted for approval at the next association meeting. Also to be considered is the selection of an executive-secretary to put the AGCMA's aims into action.

Correspondence and contacts of GOLF-DOM, as *The Magazine of Golf Business*, point to the need of an association. Its formation and objectives promise benefits to AGCMA members, the industry and its customers.

Membership is open to all golf car manufacturers. Eleven manufacturers attended the Denver meeting and became members of AGCMA. They include the following companies: Ball-O-Matic Victor, Columbia Car, Cushman Motors, EZ-Go, Fairway King, Lektro, Stevens Appliance Truck, Taylor-Dunn, Versal, Walker and Wayne.

Officials of 12 other companies, unable to attend the Denver meeting, have requested membership particulars. These include: Capri, Clemens, Electric Carrier, Electro-Motive, Harley-Davidson, Kro-Kar, Laher, Mardigian, Pacer, Parrett, Western Tool & Stamping and Toro.

AGCMA offices will be established in Chicago. Temporary mailing address of the Association is: American Golf Car Manufacturers' Association, P.O. Box 8373, Chicago, Ill.



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"LEADERS IN THE SCIENCE OF SOIL CONDITIONING"



Bob Hamrich checks club at Tokyo course as his Japanese girl caddie looks on.

Five Pros Play The Long Tour

Singapore, Hong Kong and other Far Eastern cities were on the itinerary this winter as a quintet of Bobs made the big swing

BY BOB HAMRICH
Professional, Champaign (Ill.) CC

Five American golf professionals, including myself, took a six-week tour through the Far East early this year and found that golf is one of the most rapidly developing games in the world. In addition to being something of a unifying force, golf is a medium for knowing other people and customs, other viewpoints and tastes, and understanding problems beyond our own. With me were four other Bobs — Watson, McCallister, Joyce and Gajda.

That's the same Gajda of Brookline fame, by the way.

Playing golf in the Philippines, Singapore, Malaya, Hong Kong and Japan was a refreshing and challenging experience. Our tour began on Feb. 4, 1963, in the Philippines where we joined golfers from all over the world for the Philippine Open at Wack Wack G & CC. Among them were George Bayer, Peter Thomson, Kel Nagle and many others who came to talk golf, play golf, and as the opportunity afforded, to teach and promote the game.

Not Like America

Ben Arda, Philippines pro, showed the way in the first tournament by taking honors under a blistering hot sun. It was in this tournament that we began to appreciate that all is not done the world over as we do it in America, particularly on a golf course. For the undernourished and small-frame Filipino, the American standard golf bag is too heavy; he has to pull a cart. Instead of the balanced diet we read and hear so much about, the Filipino eats rice and more rice. Our raisins really tasted good after we tried the prevailing fare!

Of course, all is not golf in the Philippines. Here cockfighting and boxing are the great recreations and entertainment. For sheer, unadulterated frenzy and excitement which these sports generate, we have seen no equal in America. These fans give their all, often to the extent of crashing the gate 5,000 strong at boxing matches and rioting in the ring after a match. They really enter into the spirit of things in a big way.

Two Courses in Singapore

In Singapore, our second stop, golf is coming along slowly but surely. Although there are only two courses there, they are good ones, even though very difficult as to accessibility.

The tournament here was played on the Royal Island Club, with Alan Brookes of Austria, taking honors. I was fourth in the Pro-Am tourney. We learned some-

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Here's the lineup of Bobs. (From left) Bob McCallister, tournament pro; Bob Hamrich of Champaign (Ill.) CC, who wrote this piece; Bob Watson, Wykagyl CC, New Rochelle, N. Y.; Bob Joyce, Nevele CC, Ellenville, N. Y.; and Bob Gajda, Forest Lake, Bloomfield Hills, Mich.

thing of the pressure created by a nation's fear of war and imminent attack. The Indonesian differences with Singapore seem to intensify the evidences of poverty, sickness, hopeless old age, and almost non-existent business.

They Play The Horses

Yet, there persists a real interest in sports for both the participant and the spectator. Horse racing at Fan Ling on the Chinese mainland and golf exhibitions and tourneys attract people from everywhere. There is real golf potential in Singapore, but progress will be slow as long as political and social unrest dominate the scene.

We Americans were not exactly received with open arms, but we sensed an obligation to foster goodwill, both for golf and for our country. We like to believe that we realized some success in so doing.

As we moved on to Malaya, we went to Kuala Lumpur where we played the Selangor GC course. This is a very long, but not difficult course which I remember with pleasure. I had my best day of the tour, winding up with a pro-am score of 64, and as second low pro with a 68. Playing with the commander of the Malayan Navy, the Hon. A. B. Synott, I learned what oppressive heat on a golf

course is. It was here that we really appreciated the services of Dr. Fait, father-in-law of golf professional, Bob McCallister. He advised us and treated us so we could withstand the heat as well as the change in food. Since our return to America we have learned of his sudden death. He was an excellent tour party associate and most of all, a fine friend.

Golf Seems Out of Place

Malaya is another country whose slow-paced living and medieval atmosphere make golf seem almost an incongruous intrusion. Yet, both the king and his prime minister watched the play. In this land of temples carved from stone and beautiful churches and shrines, recreational activity, and particularly golf, is steadily increasing. The 1964 Bangkok tournament is already scheduled.

From Malaya, we headed for the Royal Hong Kong GC in Fan Ling. It was here that we learned to appreciate the luxury of having our golf courses in America close at hand. To reach this 75-year-old British course from our headquarters on the Kooloon, we used trams cabs, ferries, trains, and bicycles. It took two-and-one-half hours! But we did get there and saw some historic scenery in the bargain.

(Continued on page 65)

More Clubs Turn to Soil Tests in Northwest Region

Look for element ratio that gives quality turf and restricts disease

BY ROY L. GOSS

Agronomist, Western Washington
Experiment Station

A well fed turf is the only type that can stand up under the increased playing pressures such as we are experiencing today. We sometimes find cases of under-fertilization in the Pacific Northwest, but for the most part, supts. are aware of the need for good fertilization programs. Fortunately, most budgets will allow ample funds for fertilization, particularly for the putting greens and tees. One of the biggest problems facing us is that of proper ratios.

Are we widening the ratios too much between some of the major plant food elements? In our own research program at the Western Washington experiment station at Puyallup, we have found that as much as 20 pounds of nitrogen per 1000 square feet per season, gives little or no stimulation to turfgrasses when the phosphorus level is maintained at 4 pounds of available P_2O_5 per 1000 square feet per season. However, by using the same phosphorus level and reducing the nitrogen application to 12 pounds per 1000 square feet per season, excellent growth responses are obtained.

Regular Soil Tests

Soil tests are the only reliable means for determining fertility needs, particularly of phosphorus, potassium, calcium, and the minor elements. Little use was made of soil tests by many of the golf courses in

This article is condensed from a speech made by Goss at the 1963 GCSA National Convention in San Diego.

the Pacific Northwest prior to 1955. Now, most of these courses have regular schedules for testing their soils. According to records which we have available, nine out of ten golf courses, between 1955 and 1960 had potassium deficiencies. This, I believe, can readily be explained by the sandy nature of putting green soils, allowing potassium to be leached.

There is more evidence of potassium deficiency in putting greens west of the Cascade Mountains than in the eastern areas. This is due not only to more water passing through the soil profile, but also to lighter soils being used in these heavy rainfall areas. By accelerating the potash application program and incorporating more potash into formula fertilizers, these deficiencies have been overcome for the most part. There has been a concurrent increase in turfgrass density, vigor, and appearance with increased potash availability.

More Disease Susceptibility

The increased use of fertilizers has improved not only the quality of the turf-



Roy L. Goss

grasses all over the Northwest, but it has also rendered them more susceptible to certain diseases. Long standing observations have indicated that the amount of snowmold (*Typhula*) in eastern areas and Fusarium patch in western areas, has increased in the last few years, and perhaps a lot of this can be attributed to increased fertilizer usage. Cooperative studies with C. J. Gould have shown that increased fertilization with nitrogen causes increased

(Continued on page 73)



What Rolling Green G. C. thinks of the new Agrico Country Club 12-4-8



V. L. Payson

says V. L. Payson, superintendent at Rolling Green Golf Club, Media, Pennsylvania.

"Combining AGRICO COUNTRY CLUB 12-4-8 and AGRINITE gives us dense, colorful turf

"Although we've used AGRICO fertilizers for years, the results we've gotten with new AGRICO COUNTRY CLUB 12-4-8 and AGRINITE surpass anything we've ever had,"

throughout the growing season. Applying AGRICO and AGRINITE hydraulically throughout the summer gives us healthier turf during this normally critical period. In fact, some of our usually weaker areas have been transformed into tight, thick turf."

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(Above) Five-year old Cara Cormican's brother may not realize it, but he could just possibly lose some 11-year molars. (Right) How do you like the head and left arm positions of Linda Baugh, age eight? Of course, none of the instruction books has covered the protruding tongue.



Small Fry at 17th National Pee Wee Championship

Boys and girls from 3-5 through 13-15 battle it out on pitch and putt and standard courses in year's most exciting tourneys at Rio Pinar CC in Orlando, Florida



(Left) Dutch Harrison fears the man who finishes high. He may have something because Lanny Wadkins, 13, won top flight honors with a 139 (that's for 36 holes, too). Host pro Ernie Edwards is seen with Lanny. Linda Morrison (r) swept the girls' 13-15 competition with a 74-77-151. Pretty amazing scores, eh?

