will be a sell-out once again as far as exhibiting space is concerned.

If anything is certain about the GCSAA's 47th International Turfgrass Conference and Show Feb. 8-13, it's that the serious business of the nation's superintendents will be surrounded with the cold, winter air of Minneapolis.

The theme of this year's show is "A Spirit of Progress" and the GCSAA plans to follow the success of last season's New Orleans show through this one. As always, the emphasis will fall on education and the general betterment of the working superintendent through a number of comprehensive seminars. Nearly 70 speakers will handle topics ranging from the standard problems of turfgrass management to how to deal with a salesman. Optimism is tuned toward an upswing in superintendents attending because of Minneapolis' central location, as opposed to last winter's southern site.

Election of officers and the annual membership meeting is set for Wednesday, Feb. 11, at 2 p.m. The organization's annual banquet and dance will be Thursday evening at 7:30 p.m. in the main ballroom of the Radisson Hotel, official GCSAA Headquarters during the show week.

Once again the conference is expected to have its usual international flair with registrants from England, South Africa, France, Sweden, New Zealand and West Germany coming to the midwest. Hosting the national conference will fall on the shoulders of the Minnebe in front of the club managers in attendance. Only one executive position is up for a vote and with only one candidate. Richard Worthington of the Commerce Club of Atlanta is the lone name on the ballot for secretary-treasurer.

At least three and possibly four directors positions are up for grabs Donald Beaver. among: Philadelphia Country Club; George Burton, Oak Ridge Country Club, Hopkins, Minn.; Gene Gilmartin, Cleveland Yachting Club; Bob Hedges, Arlington Club, Portland; Thomas McDonough, Spokane Country Club; Fred Seitz, Jr., Oakmont Country Club, Pa.; C. C. "Doc" Watson, Sunset Ridge Country Club' Northbrook, Ill.; and Richard Welch, Turf Valley Country Club, Ellacott City, Md.



Featured as the keynote speaker on Feb. 9 will be Phillips Petroleum Company executive Jim Gillie on the positive aspects of the free enterprise system. A variety of compreehnsive sessions on the business will be conducted throughout the span of the show. Included among the topics are: car paths and maintenance, landscaping, golf course buildings, course preparations, business management and the everpopular "Thinking Superintendent" seminars.

With a floor in excess of 42,000 square feet, the Minneapolis Auditorium and Convention Hall will allow ample space for more than 115 exhibitors that will be showing their wares to the GCSAA membership.

GCSAA officers are hopeful that total attendance will increase over last February's disappointing 4,899 total, compared to 5,086 in '74. sota GCSAA and its president, Rich Rannells and vice president, Dean Sime.

Hoping for a record crowd in excess of 1,600, the Club Managers Association of America opens its 49th annual conference at the Washington, D.C., Hilton Hotel, Feb.11-14.

Paul Gomez, CMAA Director of Education, told GOLFDOM the conference emphasis will once again dwell heavily on education. Eight seminars are slated for the program including: "Keeping Pace with Tomorrow"; "How to Get Things Done Through People"; "Club Publications"; "Members Fragile: Handle With Care"; "Does Your Management Style Turn People Off?"; "Foods of America"; "Human Relations at Work" and "Party Themes".

The annual focus on election of new directors and officers will also

An extensive program for spouses and children of the managers will also be included, highlighted by a tour with a Bicentennial flavor available for the children. Included on the tour's stops are visits to the new Federal Bureau of Investigation, Mount Vernon, the Supreme Court, the Smithsonian Institute, the Tomb of the Unknown Soldier, a meeting with congressmen and a tribute to Abraham Lincoln.

Even with all the effort put into the Washington convention, CMAA plans are already underway for the 50th anniversary gathering in Chicago Feb. 6-13 at the Conrad Hilton Hotel. Along with the serious tone of the Washington conference, CMAA President John Simmons and his forces are already thinking about the approach of the organization's half century in operation.

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FINDING A JOB: IS THE PRO ALL ALONE?

by NICK ROMANO

A principal criteria in choosing a career these days is to make sure a job is waiting for you when all the rigors of education are completed.

This is not true for many PGA apprentices coming into the job market now, and what might be even more alarming, things aren't getting easier for their older, more-established Class A colleagues. Whether anyone wants to admit it or not, the club professional is heading for an employment crunch.

According to PGA statistics for 1974-75, Class A membership was 5,227, although that figure now is projected to be around 6,000. The apprentice classification falls on about 5,000 individuals. Obviously, it is becoming clear, there are as many head professionals holding positions, as there are assistants looking for those same spots.

There is a problem and no one realizes it more than the pros in the PGA's 39 sections around the nation. For the long range, the PGA is currently involved in a marketing and public relations program tuned toward the country's golf course owners. At present the National Golf Foundation says the United States has about 11,000 golf facilities. Of course, not all of these employ club professionals.

Through its marketing program, the PGA hopes to alleviate its employment headaches by attempting to convince club owners and officials there are many advantages to hiring a PGA professional. In 1975, the PGA conducted a survey among its members to find out their feelings on a number of aspects of the business. Heavy emphasis, though, was placed on salary.

Director of Sectional Affairs Don Smith, who deals with employment as part of his duties, says the survey has been completed and will soon be released to club officials and owners around the nation. If owners and officials find there is a need for the PGA pro at facilities where one was not hired previously, it might help ease the tight job situation. Again, though, this only deals with the long range situation.

Smith and his office are engaged with the day-to-day employment picture and even Smith, himself, questions the effectiveness of the effort.

"Our service is not the most adequate. I guess the employment service should be self-supporting to a degree," Smith said. The service, which according to Smith is at least in its third year, has no one running it on a full-time basis. This alone might attribute to the problems the national organization has had keeping its membership well informed on changing positions around the nation.

In essence, the service puts out about 15 employment bulletins a year to pros interested enough to pay a \$25 fee to handle costs for bookwork. As expected, the majority of PGA members involved in the service are of apprentice status and as such, the bulletins are designed for them.

PGA statistics for the 1974-75 year showed 222 members using the service, but only 35 positions out of a possible 47 vacancies were filled, a fulfillment percentage of 77 percent. A number such as 47 seems rather limited when thinking of the turnover going on yearly.

JOB continued

One of the reasons for such a limited number of clubs involved, according to Smith, is the PGA has never really actively publicized its national service to clubs, although he admitted many of them know about it.

"Clubs are becoming aware of the service. We don't charge clubs for doing this. If they tell us what they are looking for, we attempt to fill the bill and generally get a nice reaction from both sides," Smith added.

Attempting to fill a job need from a club, the employment service checks both sides of the situation. The service gets in touch with the PGA pro who was at the club to find out why he left. As Smith says, the PGA is not interested in sending one of its members into a bad situation.

Making clubs aware of a pro's availability to employment is what the service is all about. Smith noted that the PGA is interested in convincing clubs PGA trained individuals are able to deal with people and since golf is a people operation, this might be one of the greatest advantages in hiring a qualified professional. "The pro is not a person fronting for a golf facility," says Smith, "Dealing with people is important."

Optimism is indeed something Smith and his service has to offer, but that doesn't mean he and the PGA are blind to the job market. "I can't say I am happy with the situation. There are a lot of good professionals having a tough time getting a position right now.

"It's obvious the business schools are turning out more professionals than are employable. The apprentices are becoming a dominant part in the market," Smith commented.

With all its efforts, the national employment service's biggest problem might be that its task is too huge. Coordinating the employment situations for all PGA sections might even be an unrealistic job. Smith said timing was the biggest headache the national service has in getting information about positions open to those on the bulletin mailing list. "By the time we get an opening out to the membership, it's already filled."

Even though, many PGA members were in favor of a national employment service starting, there are indications many of the sections are satisfied they can handle their own employment problems by themselves. Of course, the idea of the national service was to provide club professionals the opportunity to find out about jobs in other areas of the country, they might be interested in moving to. For the most part, that function of the program has not been as successful as many would have hoped for.

For the most part, pros stay within their own sections and find out about openings either through wordof-mouth or by the hard work of the secion employment committee.

Of the 33 PGA sections responding to a recent survey, 31 have an employment chairman, 28 have full employment committees and 26 have established a formal set of employment standards. All are becoming more active in getting PGA members hired at clubs

looking for professionals.

One of the most productive section employment services in the country is handled by the Metropolitan PGA section in New York. According to Charley Robson, who is a full-time staffer of the Met in charge of employment, his section has a good plan to help both clubs fill jobs and pros find them.

"When we hear about an opening at a club, we get in touch with them and tell them we are interested in a meeting to discuss the positive aspects of employing a PGA professional.

"We attempt to talk about how they can improve pro shop revenue, while being realistic on projected income. All in all, this type of practice has proven very successful for us," Robson said.

Country clubs which have never employed PGA pros are the hardest to convince, according to Robson. Usually these facilities are one-man operations and aren't interested in plugging into the section and its service. As with the national, the section service is filled with names and resumes of apprentices looking for a better opportunity toward their Class A status.

Last November, Robson counted 30 section members on his job seeking roll, but admitted that by winter's end, between 75 and 100 would be looking. The Met section service is actually set up with the apprentice in mind, but there are usually at least five Class A pros in the section, at any given time, looking for another club.

Stability in the Met is in relatively good shape among a membership of some 200 Class A pros and 175 apprentices. One of the oldest PGA sections in the nation, the Met has a high respect factor going for it and that counts for salary too, with the average yearly income at \$18,000. The figure is based on a short season ranging anywhere from five to 10 months at some clubs.

Robson calls attention to the fact that handling employment problems on the local level is the best solution for the pro and his questions. In the Met section, though, Robson notes the emphasis is on the young, educated professional in favor of recertification and other national association programs.

Although, not all sections are able to have a full-time person in charge of their employment service, the most popular way to take care of these matters is through committee and none is more experienced than the Northern Ohio PGA's, chaired by Jim Logue.

Logue, 34, is head professional at Brookside Country Club in Canton and is in charge of an active service. "More often than not, we find ourselves educating clubs in how to hire a professional. A lot of clubs have had the same man in a position for 20 years and all of a sudden, through retirement of their pro finding another job, they have to start from scratch.

"We talk with club personnel and if they ask us what we think might fill the employment needs for them, we tell them. We never attempt to influence a club on who to hire," Logue said. There are 100 Class A members in the Northern Ohio section and Logue's section service usually handles about 25 or 30 different resumes a year.

Prime interest for Logue is centered around the abili-

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ty to convey to the club the section's standards of employment and also what the club should expect from the professional and in return, what the pro should receive from the club.

Turnover, of course, is a good way to see the stability of the professional in the job market and according to figures supplied by three associations involved in golf business — PGA, GCSAA and CMAA — the pro is moving around more than any of the trio of main management personnel at a country club.

The PGA's Smith says about one-third or approximately 2,000 of the 6,000 Class A pros change positions within a year. This figure is high when comparing information supplied by James Brooks, director of the Golf Course Superintendents Association of America's Employment Referral Service, on turnover in the superintendent ranks. Twenty percent or about 800 of the GCSAA's 4,000 members switch jobs during the season. Although, no percentage figure is available on turnover, the Club Managers Association of America in a recent survey of over 820 of its 2,700 members found 57 percent of that 820 had been at their present position for at least four years and half of those had been on the job for at least nine years. These figures do speak highly for the staying power of club managers in their respective part of the market.

Both the GCSAA and CMAA's referral services work closely with clubs across the country in search for either superintendents or managers. In 1975, the GCSAA handled some 200 resumes on superintendents looking at advancement. According to Brooks' staff, the GCSAA chapters don't actively organize chapter employment services, as PGA sections do, so much more work falls on the "ERS". Much is true for the CMAA.

No one really has a philosophy on why superintendents stay on the job longer, but it might be attributed to the psychology that goes along with the job. A superintendent looking for a new opportunity on a national basis has a harder job though, than the pro. According to GCSAA Director of Public Relations Doug Fender there are several state superintendent associations that have no affiliation with the GCSAA and thus receive none of its services.

At CMAA national headquarters in Washington, D.C., the referral service is a real two-way street, as clubs run ads in a CMAA bulletin which tells managers where jobs are open and another publication is available to the clubs, listing managers available for positions. If employed, the CMAA member looking for a job pays \$25 for a 13 week listing on the bulletin, but if the member is unemployed, there is no fee. Over 260 managers run listings with the CMAA in any given week, but association personnel feel only about 100 are serious lookers.

For all the efforts of employment services on both the national and section levels, it's still up to the country club and its owner or chairman of the board to sort through the resumes and find the right candidate to fill the vacancy.

A random sampling of club officials around the country by GOLFDOM found most don't use association employment services as a way to fill positions.

One club that hasn't had to look for anyone for either its professional or superintendent spots for at least two decades is the Lafayette(Ind.) Country Club. "Our head pro has been with us 20 years and our superintendent has just recently retired after 30 years," said Dr. Morris Lord, Lafayette CC chairman of the board.

Lord commented that finding a pro and superintendent was easy compared to the job of finding a club manager. "The whole situation is lousy," said Lord, "I think clubs should look at the possibility of having two types of managers, one for food and the other a general business manager." Lafayette handles over \$400,000 a year in gross food sales among a total membership of 840.

Doug Jesanis, co-owner of Pine Grove Golf Club in Northampton, Mass., uses a word-of-mouth technique in finding job applicants. "We probably get about three to five applications here during the year." With a semiprivate membership of 250, Pine Grove has a full-time superintendent, but only a part-time professional. No extensive food service is available.

Making employment a science is part of the business of running country clubs and an expert in the field is Robert Dedman, an official of the Club Corporation of America, which handles management of 21 golf facilities out of offices in Dallas. "The art of employment should be a three-part job. First, you have to access a man, look at both his long and short suits. Second, after a man is hired, you have to keep him attracted to stay with the club. Thirdly, it's up to management to establish an organization and motivating plan that will get people interested in growing with the operation."

Dedman's theory of employment has proven successful for his firm and for its employees. "We look at many applicants over the year, but since we run so many clubs, we can transfer our people from club to club. More often we attempt to promote from within. This usually turns out to be the best for all concerned."

Whether it be a big or a small club, there are pros in the country that see finding a job as one of the most frustrating things about pursuing a career in golf business.

Happy with his present spot as head pro at Pinecrest Country Club in Brookville, Pa., Terry Hart sums up the feelings of a lot of young pros when he says, "Nationally, it's tough to get a job today. You work a long time to learn all the things to be Class A and then you can't find a job."

Changes occur in the marketplace everyday and the same economy affecting the factory worker has an influence on club professionals. Through the efforts of the PGA and its sections, the pro of today has a better change to keep pace with employment.

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CMAA Annual Meeting, Washington, D.C., Hilton Hotel, Feb. 11-14.

PGA Business School I, New York, N.Y., Feb. 22-27.

PGA Teaching Seminar, San Diego, Calif., Feb. 29-March 3.

East-South Regional Restaurant Convention and Exposition, Sheraton Park Hotel, Washington, D.C., March 6-8.

PGA Teaching Seminar, Montgomery, Ala., March 7-10.

Southern Turfgrass Conference and Show, Cook Convention Center and Albert Pick Motel, Memphis, Tenn., March 7-9.

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Iowa Golf Course Superintendents Association annual conference, Iowa State University, Ames, March 8-10.

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PGA Business School I, Toledo, Ohio, March 14-19.

North Carolina Food Service Exposition, Charlotte Merchandise Mart, North Carolina, March 16-18.

American Society of Golf Course Architects, 30th Annual Meeting, Del Monte Lodge, Monterey, Calif., March 21-26.

PGA Club Repair Seminar, Chicago, March 21-24.

PGA Merchandising Seminar, Ann Arbor, Mich., March 21-24.

PGA Business School II, Lake Livingston, Houston, April 4-9.

Eastern Restaurant and Hospitality Exposition, Civic Center, Philadelphia, April 12-14.

New England Hotel-Motel and Restaurant Show, Hynes Veteran's Auditorium, Boston, April 13-15.

PGA Business School II, West Palm Beach, Fla., May 2-7.

Tennessee Golf Course Superintendents Association meeting, Rockwood Coun-try Club, Rockwood, May 3.

Georgia Golf Course Superintendents Association educational program and business meeting, Atlanta Athletic Club, Duluth, May 11-12.

Golf Course Builders' Association meet-ing, Fresno, Calif., June 25.

National Golf Foundation teaching seminar, Singing Hills Lodge and Country Club, El Cajon, Calif., June 20-25.

National Golf Foundation teaching seminar, Dartmouth College, Hanover, N.H., July 5-10.

National Golf Foundation teaching seminar, Pine Needles Lodge and Coun-try Club, Southern Pines, N.C., August 1-6.

Tennessee Golf Course Superintendents Association meeting, Crockett Springs National Golf Course, Brentwood, Aug. 2.

Georgia Golf Course Superintendents Association educational program and business meeting, Northwood Golf and Country Club, Lawrenceville, Aug. 9-10.

Northern California Turfgrass Council Turf and Landscape Irrigation Seminar, Asilomar Conference Grounds, Pacific Grove, Calif., Oct. 1-3.



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Mower Maintenance

Proper maintenance of grass-cutting equipment is very important in good turf management. It can decrease down-time; reduce parts and repair costs; increase equipment life; and provide a continuous quality cut.

"Good turf management means the keeping of daily records necessary in order to stay on top of how your equipment is performing," W. H. "Babe" Brinkworth, Toro's district sales manager in the West, told GOLFDOM. "We suggest a simple formula of records. Make them simple so your operators can provide you with vital information on the equipment.

Brinkworth said a good daily record will provide operation costs; the amount of down-time on the mower; serves as a replacement guide for new equipment; and provides a service guide for maintenance men to work with.

There are other essentials of a good maintenance program. A clean, neat repair shop is one of them. Also, it should be centrally located to a superintendent's operation. He said proper tools, a welllighted workshop and a knowledgeable mechanic in charge is also important. The mechanic must have knowledge of the methods and techniques used to grind and sharpen a mower, how to maintain and adjust air-cooled engines, how to adjust the mower correctly for the type of grass the machine is cutting.

This man should be kept aware of all changes of servicing techniques and the operational procedures required for each piece of equipment on the course. He should also train operators on all equipment.

Store the small equipment away from the tractors and larger mowing units, Brinkworth said. Damage to smaller mowers by the larger units often happens. Tractor-drawn equipment should also be stored separately. Oil, insecticides, pipe and mowers are not compatible from a storage standpoint. Mowers, fertilizers, fungicides, signs, etc. are also out-of-place stored together.

Daily cleaning of mowers is an important maintenance function. A good, clean facility will handle the larger pieces of equipment, and proper sumps to catch the grass clippings and dirt washed from the equipment are important. Most maintenance areas require a good wash rack to encourage the operators to clean their equipment.

"Where compressed air is available it helps to use it after washing to make sure the excess water is blown from the bearing and seal areas," Brinkworth said. "Some superintendents prefer to use no water — just air for cleaning their equipment. Air will remove the grass clippings, but does not do a good job removing dirt and grit."

He said the engine is the most vital part of any piece of mowing equipment, and sometimes it is the most frequently neglected in maintenance. One of the areas most often neglected is the blower housing. The accumulation of grass on the intake screen of the blower housing shuts off the circulation of air that cools the engine. Air-cooled engines have carefully designed blower housings so it forces a maximum amount of air over the head and past the spark plug to cool the engine. Most auto engines normally run between 160°F. and 180°F. Air-cooled engines run at temperatures much higher. Normal is from 180°F. to 480°F., depending on the outside temperature. Blocking the air circulation may raise the head temperature well over 700°F.

The air cleaner should be maintained in a rigid, supervised schedule. The frequency of servicing should be tied into the type of use for the unit. If it is a dirty, dry, dusty condition, the air cleaner should be cleaned very frequently. This is the only entry for dirt into the crankcase, and if the air cleaner is allowed to get too dirty, premature wear of the internal engine parts will result. "The operating manual says clean and refill at least every 25 operating hours," Brinkworth said. "This should be the maximum amount of time that any air cleaner should be let run. When you do service the air cleaner, clean thoroughly and refill with an SAE 30 grade oil."

He said proper lubricating should be done with the owner's manual being closely consulted to make sure that the proper lubrication at the proper points is made at the proper time interval. Each piece of equipment has a maintenance chart recommending what parts should be maintained at different hourly intervals. It should be available to all personnel.

Daily or hourly checks, depending on the condition of the engine, should be made of the crankcase oil. Oil should be changed frequently to a good grade of SAE 30 oil, and proper levels maintained. Changing oil often is a good money-saver, because it prolongs the life of the engine. Gear cases need close attention on a program of maintenance. Do not let gear case oil get dirty or the level get below normal. Dirt, sand and oil make an abrasive mixture.

Reel mower maintenance must first be preceded with a condition check of the mower, Brinkworth said. A simple condition check would be:

• check the reel bearings for excessive wear

• check the reel blades for tight rivets in the spiders and end play in the bearings

• make sure the reel spiders are riveted to the reel shaft and in position

• make sure the rollers and the roller bearings are properly adjusted for the correct height and the proper torque on the bearings

• make certain the frame is not misaligned

• make sure that you have