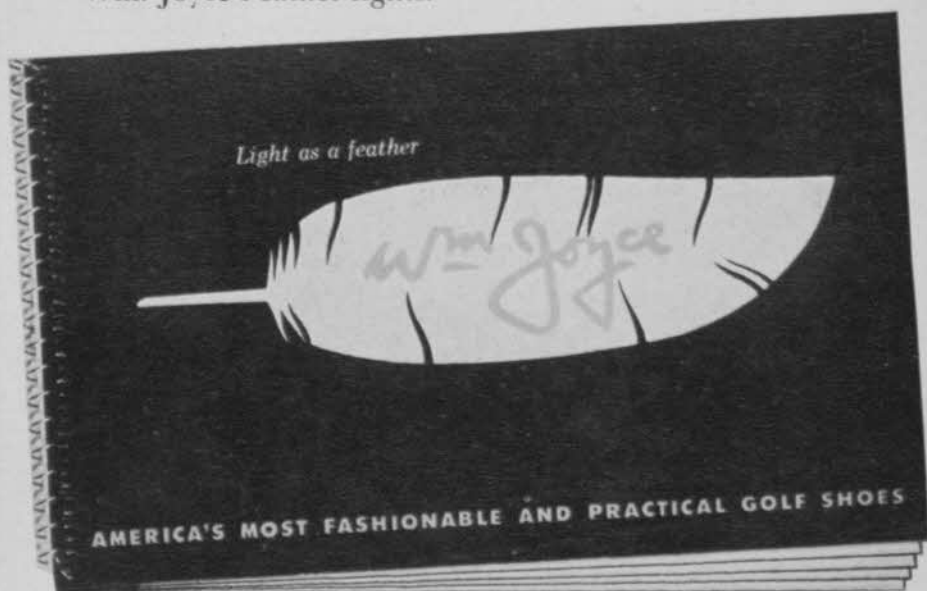


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Grau's Answers to Turfgrass Question

If you've got a question you want Dr. Fred V. Grau to answer, please address it to Grau Q&A, Golfdom, 407 S. Dearborn, Chicago 5, Ill.



LAST month we talked about training men and about the new Turfgrass Short Course at Penn State which is to be activated this fall. It seems important now to examine another phase of teaching in the turfgrass field — that of extension service. In effect, it is the university extended to the field. It is wholly tax supported, operating statewide in county units with administrative heads located at the university. The system exists for the purpose of assisting taxpayers to do a better job of farming, manufacturing or home making. Originally it was for the benefit of the farmers. Today the base has been broadened to include many other essential activities.

**Get Acquainted
with Your
County Agent**

The county agent is the county-based representative of the university or the college. He may or may not have an assistant but usually he has a home demonstration agent (a woman) working in the same office. It is the policy of extension people to work with groups, insofar as possible, and to help people help themselves.

County agents have available to them a staff of extension specialists who come into the county by appointment to assist with group meetings, inspections and recommendations on problem areas, radio and television programs and many other types of educational activities. At no time is there a charge of any kind to the taxpayers. Salaries, travel and living expenses and cost of reports — all are paid out of the budget of the state extension service. Some of the county office expenses may be borne by the county committee out of county funds.

Here is a service that is unique. It is given without thought of reward or recompense. The satisfaction comes from seeing improvements made as the result of recommendations.

County agents used to be known only for their work with farmers. Today many of them are intimately associated with "Urbiculture" or gardening in the suburbs where once grew corn, wheat and hay. Where there once were fields of hay there are now parks and lawns. Some agents report that over 60 per cent of their requests for assistance come from folks with lawns. Some states have an extension specialist who works mainly with turf with and through the county agent. It is quite true that many agents know very little about turf. There are also many who do. All of them have specialists in various fields to call upon when the need arises.

County Agents Available

Most important is the fact that the county agent stands ready to help those who ask for advice and assistance. He does not offer his services — he is simply available. He often helps groups organize so that he can most effectively bring information to them as a group.

When I started as extension specialist at Penn State in 1935, Charles Hallowell was county agent in Philadelphia County, Henry Eby was located in Allegheny County. These two men called on me frequently to speak at meetings of course supts., garden clubs, service clubs, gardeners, landscapers and many others. Gradually all 66 county agents developed an interest in turf, some more than others, naturally. These agents were the main factors in organizing turfgrass Assns. The first such



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Yes... BUT

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Kolapsi Kart has built into it every ideal feature to make it the Cadillac of all carts.

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A cart acknowledged around the world as the finest ever to appear on the fairways.

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No push buttons — no sliding sleeves — no wing nuts — no trick catches or slotted devices. Nothing to hurt the fingers. You don't need three or four hands to operate this cart. It has the world's most simple patented and fool-proof closing device.

It is not necessary to adjust the handles due to the design and method of bag carrying.

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group was the Pocono Turfgrass Assn.; others followed.

In a future issue of GOLFDOM we shall discuss the role of extension specialists in different fields and how they fit into the turfgrass picture. For the present, it has been my aim to tell, very briefly, how a county agent can be of great assistance to turfgrass groups if he is asked and is given a chance. He really does not have to know anything about turf — that he can learn. What he has is an office, a thorough knowledge of people and the ability to help people help themselves.

If you don't know your county agent take time to find out who he is, then go see him and invite him to come to the next meeting. He is a "good guy" to know.

Topdressing for Greens

Q. I'd like information about topdressing for greens. At our club we have a problem in that any topdressing we get contains the seeds of various types of weeds. Our club is not big enough to treat the soil before it is applied because of the expense involved. Is it possible to purchase soil which has been treated? (Me.)

A. It is my opinion that by the time you locate and purchase soil that has been treated for weed seeds, you will have spent more money than you would if you had treated your own soil in the first place.

There are two ways in which you can treat your soil at rather low expense. First, to each cu. yd. of moist topdressing add 13 lbs. of granular calcium cyanamid and mix them thoroughly. Let them stand for two or three months and you will find that practically all of the weed seeds have been destroyed.

Another way is to fit up a bin and treat the soil in the bin with Dowfume MC-2. Complete directions can be obtained from your local course supply house. By treating your own soil you will have the kind of topdressing you want. You will be sure it has no weed seeds and the expense actually will be less than if you purchased soil already treated.

Would Better Himself

Q. I am employed as Greenkeeper's helper at the X X X Club in N. H. I have worked here three years. I worked for two years at the X X X Club in N. H. I want to go further in this work, but I am at a disadvantage because I do not have either a high school or college education. Are there Correspondence Courses I can study at home to get a high school diploma? Do you consider this a feasible plan?

If so, what subjects should I take for entrance at a college that offers training for a turf manager? I realize that to qualify for a full four years of college I should have the required four years of high school. My idea is that if I can study at home I may be eli-

gible to enter the university to take some courses in turf management. The two courses where I have worked have given me the necessary experience to continue in this work. (N. H.)

A. With your experience and desire and excellent command of the English language, as shown in your letter, I believe that there may be a possibility that a high school diploma could be waived if you are able to pass a college entrance exam.

There are two possibilities open to you and one is nearby at the University of Massachusetts, Amherst. I suggest that you write to Dr. Eliot Roberts and get his advice.

The other possibility is Pennsylvania State University, where, starting this fall, there will be offered four eight-week terms of instruction in Turfgrass Management. The prospectus states that high school graduates 16 years of age or over are eligible for enrollment. Here again, I would make application for the course, stating experience and asking for permission to take a college entrance examination so that you might possibly take the course even without a high school diploma. This is somewhat irregular but I believe it would pay you to make application. It is possible that you could take some summer courses at some school near you that would enable you to get a high school diploma or the equivalent.

You Pronounce It

Q. What place, if any, does Mondo grass, (*Ophiopogon japonicus*) have for course use in southern Wisconsin? (Wis.)

A. None that I can think of.

Asks Soil Check

Q. Please analyze this dirt for me. Is it good topsoil? I have been using it on my greens and it is very expensive. Would appreciate answer. (Ohio)

A. I see no need for running an analysis on the soil because I do not believe it is the right soil for you to use on your greens. It is very high in silt (the fine, smooth, flour-like grey particles) which tends to pack tightly. It has low sand content.

I suggest that you locate a good grade of clay subsoil (subsoil has fewer weed seeds) from some of your Cincinnati hills. Find a good grade of coarse concrete sand and some peat and make a mixture such as this:

75 per cent sand (7½ parts by volume)

15 per cent clay soil (1½ parts by volume)

10 per cent peat (1 part by volume)

When you have this mixture made up put a cupful in a strong plastic bag (polyethylene), pack in a strong pasteboard box and mail it to me at PO Box 177, College Park, Md., for an examination.

Clover in the Bent

Q. We are having trouble with clover in our bent greens. Would you be so kind as to write us a letter or send some information on this matter? (Tenn.)

(Continued on page 93)

Many Hands Help Build Turner Nine



Yardbirds and Full Colonels work

Together in Bringing Golf

To Georgia Air Base

By DAVID SCHILLERSTROM

irons in their place as they made their way around the new nine. Shortly after this, ground was broken for a new clubhouse of early American rustic design, which was completed in July.

Built with funds from an \$18,000 grant from the Strategic Air Command, the clubhouse has a huge lounge, a comfortable looking fireplace, locker rooms for both men and women, a refreshment bar and pro shop.

UVS Lends a Hand

The original moving spirit behind the Turner nine was Col. Joe R. Williams, formerly the Base Commander. With the assistance of Mrs. Helen Lengfeld, pres. of United Voluntary Services, Col. Williams was able to convince his superiors at the Strategic Air Command of the need of golfing facilities at Turner. Then, after the recreation project was approved, Mrs. Lengfeld went to work and helped round up enough material and equipment to get the construction job underway. She also induced Hugh Moore, the architect, to design the course and supervise its building.

In the meantime, Col. Williams was transferred, but Major Warren E. Graff, Base Police Squadron CO, saw the project through to its completion. But it was not without the help of such as Col. W. A. Beauchamp who replaced Williams as the Base commander; Col. N. J. Adams, pres. of the Turner Golf Assn.; M/Sgt. August Kramer, Assn. vp; S/Sgt. Fred Stanley, pro.; John Devereaux, personnel officer for the Base; and Col. Hub Zemke of the 40th Air Div. who made frequent visits to Turner to contribute whatever help he could to the undertaking.

If greens at Turner are just a little more expertly manicured than they are at most courses it is because "Golf Course Details" have always been available at the Base, at

TRUCKDRIVER—Turner officers made a break with tradition by shedding their ranks and helping in course construction. Lt. Col. Julius Griffin, deputy CO, drove a truck.

EVERYBODY from yardbirds to full colonels had a hand in the construction of the 9-hole golf course at Turner Air Force Base, Albany, Ga., which was completed recently, 17 months after the project was undertaken.

Construction of the course, which actually was ready for play 13 months after the first bulldozer started rearranging the Turner landscape, was entrusted to various Base squadrons which vied with one another in turning out the best constructed fairways and greens. Officers also took a hand in building the course as they defied Army tradition by donning fatigues and working alongside enlisted men in grading, seeding and fertilizing operations.

After the course was designed by Hugh Moore, who has supervised the layout of many fine courses in the Southeast, Turner's manpower was turned loose on the project in February, 1955. By early April of 1956, GI's were able to forsake shovels, hoes and rakes and substitute woods and

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BLAST—An F-84F whines up to full power in the background while a GI winds up to blast his way down No. 4, a 569-yard hole.

first for contouring and seeding work while the greens were under construction, and more recently for weeding, watering and fertilizing to keep them in top condition. Old soldiers will recall details of this nature with some repugnance, but at Turner everyone has been so wrapped up in getting and keeping the course in its present excellent shape that these things have been taken in stride even though they have meant extra duty.

Dues Are Low

The Turner nine is open to all military personnel stationed in the Albany area. Dues have been kept to a minimum with officers paying only \$3, and enlisted men \$2 a month, for all privileges. Daily fees for non-members are \$1.

The course itself is a fine blend of frus-

LAYOUT—Here's what the golfing airman has to contend with when he sets out on a tour of the Turner course. To cover the 3,421 yards in par he has to shoot a 36.



trating, not-so-difficult and letup holes. Sand traps are plentiful but not so numerous as to discourage the fellow who shoots in the 45-60 range. A man-made lake, located in front of the green, calls for a skillful approach on the 382-yard sixth. Total yardage for the course is 3,421 and includes a 569-yard No. 4 hole and a 520-yard seventh, both of which are doglegs. For those who don't hit the long ball, No. 2 which is 151 yards, and No. 8, a 226-yard test, offer them a chance to show their finesse with the irons. Par for the course is 36.

A Blind Bogey tournament, held in July in conjunction with Turner's Family Day celebration, was the first regularly scheduled basewide golf event. It was the forerunner of many similar affairs that will be held at the club in the future, the theory being that since practically everyone connected with the Base joined in to help build the course, there is no reason why they shouldn't continue to enjoy their golf games on a community basis.

Southern Cal PGA Gives Cameron Life Membership

Samuel C. Cameron, Long Beach (Cal.) newspaper executive, was given an honorary life membership in Southern California PGA at the annual award dinner held at the Riviera CC, Pacific Palisades in April.

Cameron, whose financial and moral support have made possible the largest sectional PGA championship in America (they play for \$7500 this year), became the 20th person to receive the gold membership card. Others on the list include Bob Hope, Norman Chandler, Bing Crosby, Darsie L. Darsie, Milt Arthur, Scotty Chisholm.

Also honored at the dinner were three pros of the Southern California section, Harry Bassler, George Lake and Willie Hunter, sr., for their contributions to the profession.

Flag Pole Not A Target

Jim Thomson, pro-supt., Mohawk GC, Schenectady, N. Y., told Northeastern (NY) GCSA: "After a season of trying the new Flag Pole rule I find that players are using the pole as something to hit at. They waste considerable time adjusting the pole according to their particular angle of putt. My personal opinion is that the flagpole was intended as a marker and not as something to hit at."

Combine Two Courses for National Amateur

Two existing golf courses have been combined on paper to create a new tournament playing area within the confines of The Country Club, Brookline, Mass., especially for the USGA's National Amateur championship, Sept. 9-14.

Design of the new course is aimed at providing an adequate test for the nation's top golfers by boosting par to 72 and adding 300 yards. Additional parking space and a practice area near the clubhouse also are being created.

This year the club observes its 75th anniversary.

The new course combines the best features of both the club's time-tried championship course and the nine-hole Primrose course. It will have a total yardage of close to 6700; about 3100 yards out for 35 strokes, and about 3600 in for 37.

All measurements are approximate pending official inspection by the USGA.

New tees have been added and holes have been stretched for a total of 300 yards. New traps are at a minimum. A completely new hole will be the tournament's 11th. It will combine the Primrose No. 1 tee and fairway and Primrose No. 2 green.

Shortest hole will be the par 3 ninth, now the 12th. Longest hole will still be the 14th. It will be lengthened 10 yards to about 520 for a par 5. Ten yards will be added to the 16th for a par 3, 180 yards. The eighth, now played as the seventh, will have a new trap.

Plans for the new layout were worked out by Charles L. Peirson, vice-chmn. and head of the golf committee along with Charles Devens, tournament general chmn.

KC's Swope Park Marks 50th Anniversary

A gala open house and amateur tourney will highlight festivities at Kansas City's Swope Park May 12 as the 36-hole Muncy course celebrates its 50th anniversary.

Ed Brugger, manager for the past 22 years, announced that over 400 special invitations had been extended to former supts. and pros who first took up their golfing cudgels at Swope.

A pro-am will wind up the ceremony on May 13. Al Norton, the host pro, is drawing appreciative comment for helping initiate a junior program that will bring golf into KC High Schools.

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Educational Chairman Ray Brigham (left), supt. of Rhode Island CC conducts a discussion session after W. G. Colby, head of the Agronomy dept. at University of Massachusetts, had given a talk on soils and fertilizers. Colby, standing at the blackboard, is discussing iron deficiencies in turfgrass.

N. E. Group Holds Stop-Gap Turf Conference In Spite of Obstacles

By ELIOT C. ROBERTS

In the fall of 1956 the University of Massachusetts announced that the winter school for turf managers and the turfgrass conference would not be held because of space limitations and shortages of staff to handle the necessary lecture assignments. But the New England GCSA decided it definitely wasn't in favor of any deemphasis of the instructional program developed at Massachusetts during the past 30 years by Prof. Lawrence S. Dickinson. A committee was formed to work with Dean Dale Sieling at the University in order to hold a substitute turf refresher course. The result was that in March the best possible "stop-gap" conference was held at the Waltham Field Station.

Strong Play on Weed Control

Despite the fact that the usual mailing list was not used, over 150 persons attended meetings on both days of the two-day affair. NEGCSA President Manuel Francis welcomed the group on the first day and introduced Prof. Dickinson who was keynote speaker. Al Radko presented an illustrated lecture on turf renovation and strains of grass for the northeast. One of the most successful weed control panels ever heard in New England was conducted by the conference moderator, John

Havis, dir. of the field station. His panel consisted of Francis, Philip Cassidy, Albert Allen and Richard Silvar. Latest information on caring for trees on courses was provided by M. A. McKensie of the University. This was followed by a report by E. C. Roberts on turf research at the University of Massachusetts.

On the second day W. D. Whitcomb of the University discussed insect problems and William Klamparens of the Upjohn Company lectured on diseases of turf-grasses. Subject of soils and fertilizers was handled by W. G. Colby of the University and Al Radko summed up the meeting by giving highlights of the conference.

IGC, Canada Cup Matches to be Played in Tokyo

Golfers of 29 nations will compete in the fifth annual International Trophy and Canada Cup matches at the Kasumigaseki CC, outside Tokyo, Oct. 24-27 this year.

John Jay Hopkins, chairman and founder of the International Golf Association, who conceived the idea of building better relations among nations through golf, announced there may be additional entries before the late summer deadline. Each nation is to be represented by its two best