

## Graffis

(Continued from page 18)

flock of competent assistants now holding their own jobs. Current treasurer, **Bill Clarke**, Hillendale CC, Phoenix, Md., is likely to replace Orlick as treasurer.

New Lago Mar CC, Ft. Lauderdale, Fla., has a new pro. He is **Larry Hurst** from Cavalier Yacht & CC, Virginia Beach, Va. . . **Bill Kelly**, Albuquerque, has been appointed executive secretary PGA Southwest section . . . **George Berry**, now pro at East Lake CC, Atlanta, Ga., is replacing Paul Bondeson who went back to touring. Berry was at Saugahatchee CC, Auburn, Ga.

**Howard Everett** is manager of the new Jupiter Hills Club, on the dunes north of Jupiter, Fla. The club is a George Fazio design that pretty fair judges are saying is among the genuinely great courses in the South. . . Praise is also being given to the course **Art Wall** designed for Pocono Farms CC, Tobyhanna, Pa.

**Ed Oldfield** from Glenview CC, Golf, Ill., has a job this winter as pro at Scottsdale (Ariz.) Inn & CC. Scottsdale is open year-round, but with summer temperatures around 100 degrees in the Phoenix-Scottsdale area, a small staff can handle the folks well. People are easy to get along with in that hot, dry air. . . Amazing how many clubs in Florida and the Southwest that used to shut down in summer now operate the year-round. Golf cars, air-conditioned clubhouses, good course maintenance and competent staffs are the reasons.

Course equipment dealers are lamenting that all the time, travel, shipping and entertainment expenses that salesmen, mechanics and executives have to spend at manufacturers' meetings, at national and area meetings and at demonstrations have cut dealers' profits down to zero. Furthermore, dealers assert that over-doing the shotgun type of sales solicitation is curtailing the capacity of a valuable staff of specialists to give intensive demonstrations and sales stories fitted to the needs of the potential buyer.

Several course equipment and supply dealers whose money, management and intimacy with course

superintendents and buyers of turf equipment have made the turf machinery business immense, are alarmed about the high and mounting costs of exhibiting and selling. Several large dealers, representing competing manufacturers, have suggested that manufacturers who want dealers' salesman to attend company annual meetings, coordinate times and places of such meetings. Or can the selling prices of equipment be boosted to cover big costs of travel expenses?

Talk about being famous in golf—when **Tom Lundy** retired from Greenville (Miss.) G&CC after 42 years as pro, the tributes of the entire community voiced at a testimonial banquet and in news stories ranked him as one of the most valuable citizens a city could have. It's genuine fame to have that tribute paid for public service. Tom was succeeded as pro by former assistant Bob Langley.

Smart pro merchants this past

(Continued on page 23)

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## Graffis

(Continued from page 21)

summer commented on an increase in the sale of the specialty irons, among them the Scrambler, a sort of flange-soled jigger that Eddie Rankin developed for the PGA line; the Tommy iron, a short-shafted, run-up club with about a 7-iron loft that the late Tommy Armour used effectively before greens were sponge-wet; and Wilson's Chippers that have been sleeping in specialty club displays.

Pros have been noticing the re-appearance of approaching clubs that haven't been seen much in recent years in the bags of veteran members. Maybe the make-up of the 14-club set is changing for the veteran golfer, who constitutes most of the market.

New Golf and Racquet Club, Palm Beach, Fla., has **Jay Hebert** as its pro, and members are lucky. Jay is a fellow with a lot of golf knowledge and the brains and character to provide what a fine club needs. **David R. Jacobson** is executive director of the new club . . . Paul Runyan, professional at Sahalee CC, Redmond, Wash., adds **Al Semrad**, winner of this year's Intermountain Amateur to his staff. This lad is fortunate in joining Runyan, a veteran and one of golf's most progressive teachers.

Another genuine expert with the title of director of golf, is **Errie Ball** now at John's Island Club, Vero Beach, Fla. Errie was pro at Oak Park (Ill.) for 25 years, often a contender in the PGA Senior's Championship and a great grandson of John Ball who won the British Amateur championship eight times between 1888 and 1912 and in 1890 was the first amateur to win the British Open. Pete Dye and Jack Nicklaus designed the first of the two 18 holes at John's Island.

Crockett Springs CC is being built in Nashville, Tenn., by a group including **Frank Rogers**, **Mason Rudolph** and **Glen Campbell**. Bob von Hagge and Bruce Devlin are designing the club . . . **Robert Trent Jones** will build a 36-hole course at Port Aquarius, the new resort on 1,100 acres at Logan Martin Lake, near Birmingham, Ala. □



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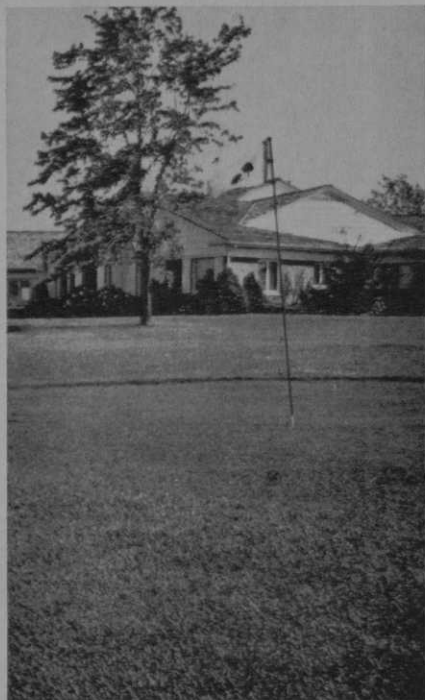
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by Fred V. Grau

## ANSWERS TO TURF QUESTIONS

### National unity: a necessary goal

During the last 12 months I have participated in several national and international turfgrass affairs from coast to coast and border to border. In every encounter I have seen the urgent need and the search for leadership.

Turfgrass interests in America lack unity. Golf courses look for guidance to: 1) the Club Managers Assn. of America, 2) the Golf Course Superintendents Assn. of America, 3) the United States Golf Assn. Green Section, 4) golf course architects, 5) extension agronomists, 6) consultants and 7) university specialists. Athletic field interests, having partially lost faith in living turf, have turned more and more to artificial material. Lawn owners fall victim to commercial claims. I have an imperfect idea where all the other turfgrass people go to get information about their particular problems. Some universities and some county extension services do a good job in providing on-the-spot service when Larry Landowner has blackspot on his roses, but when it comes to recommendations for controlling erosion and for eliminating ugly slopes, we have reached a new high in divergent opinions; few are based on fact or experience.

Why can't we combine our knowledge of soils, fertilizers,

grasses, chemicals and techniques to achieve the best in living turf?

There seems to be a reticence to yield a small portion of authority—a fear that some factor might weaken the prestige of the ruling regime. It is only natural for each group to assert the maximum degree of authority and influence in order to perpetuate its power.

By what method, in which point in time and by whose authority can all turfgrass interests unite to provide the most useful information for the thirsty-for-knowledge turfgrass public, professional and amateur?

At this point turfgrass interests in each state could and should rally around a state organization (a council, an association). When the state groups achieve harmony among all turfgrass interests, we will be ready to unify nationally. When this is accomplished we can begin to approach state legislatures and to be represented in Congress to gain the tax funds to jointly pay the salaries of more extension agronomists.

A major factor in achieving our goal is the "State Turfgrass Survey." Nothing else has equal power to sway legislators and university administrators. It is difficult to argue with authentic figures.

When we consider "all" turfgrass interests, let us not neglect the very great part played by those who sell the products needed in the industry. Every facet of the industry must have a voice.

Are we ready to proceed? Do we have the leadership to press every advantage? Are the several groups willing to yield points in order to achieve national unity?

### Grass on a pinch-penny budget

**Q**—Our course is seven years old. Fairways were seeded to bluegrass, then common bermuda seed was introduced. Crabgrass has been increasing steadily. Our budget will not permit chemical control of crabgrass. Water is limited. The only grass that seems to survive is tall fescue. It is green most of the time. Do you think we should consider seeding tall fescue into our fairways? Our soil is sandy.

(Maryland)

**A**—You have two choices: 1) Keep  
(Continued on page 26)

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## Grau

(Continued from page 24)

your crabgrass mowed and very short, fertilize it and keep it well watered and pretend that it is the ideal fairway grass, at least until late fall when your top-level management decides that you have been trying to tell them something; 2) start cutting 8 to 10 pounds of tall fescue per thousand square feet into your crabgrass fairways with a modern scarifier-seeder. This is best done in August when the weather is hot. This is the time that tall fescue germinates best and becomes established before winter. Later seedlings may only partially survive the winter.

Under your conditions, the second choice has the chance to provide the fairway turf desired by your members even under a "pinch-penny" budget. Provide six pounds of N a year (per 1,000 square feet), irrigate seldom, keep mowers sharp. I've seen crabgrass choke a good turf of tall fescue.

### In search of arbitration

**Q**—In spite of extensive research, many conferences, after-hours discussions and shall we say arguments, we still seem to have wide differences about soil texture, sand sizes, drainage and other features. We can't seem to agree on how best to grow perfect turf. Is there a board of arbitration? Is there a final judgment? How can these differences be resolved? (Oklahoma)

**A**—Let me assure you, you have not reached that point of final judgment. To many, unfortunately, "sand" is still "sand," even though one sample contains 10 per cent clay; the other 0.5 per cent clay, even though both screen out the same.

The best solution that I can see for the future is: 1) more research, 2) regional conferences of scientists to iron out the discrepancies and 3) more study and awareness of current data by architects, builders and superintendents. There seems to be a lack of understanding of the data that has been presented by scientific research. In some cases the deficiency has been interpretation of data. Let's face it, we still have a long way to go. □





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by Dr. James B. Beard

## TURFGRASS RESEARCH REVIEW

### Controlling bluegrass during bermudagrass overseeding

*Annual bluegrass control in overseeded bermudagrass putting green turf. S.W. Bingham, R.E. Schmidt and C.K. Curry. 1969. Agronomy Journal. 61(6): 908-911. (from the Departments of Plant Pathology-Physiology and Agronomy, Virginia Polytechnic Institute, Blacksburg, Va. 24061).*

The influence of five herbicides in controlling annual bluegrass during the overseeding of bermudagrass greens with cool season turfgrass species was investigated. The residual effect of the herbicides on the overseeded cool season grasses and the subsequent spring transition from cool season to warm season turfgrass species was evaluated also.

This investigation involved three phases. In the first phase, two experiments were conducted where annual bluegrass control was evaluated in a newly prepared seedbed. A third experiment was also conducted where the herbicide treatments were overseeded with Italian ryegrass and Pennlawn red fescue 30 days after herbicide application. The grasses were seeded in late August. The herbicides used were bensulide, DCPA, dichlobenil and diphenamid. Data taken involved plant species composition counts

made in November.

The second phase involved a three year study conducted on a Tifgreen bermudagrass green. Bensulide, DCPA and dichlobenil were applied the first week in September of 1965, 1966 and 1967. Subsequently, three overseeding treatments consisting of (a) Italian ryegrass, (b) Pennlawn red fescue and (c) no overseeding were accomplished the first week in October of the same three years. The bermudagrass green was vertically mowed prior to overseeding and topdressed immediately afterward. Visual ratings of the annual bluegrass and cool season turfgrass percentages were made during late winter of each year, whereas the percentages of bermudagrass and cool season species were estimated in early summer.

The effect of plant competition on annual bluegrass growth was investigated in the third phase. A greenhouse study was conducted in which annual bluegrass seedlings were transplanted from the field to greenhouse pots, half of which contained bentgrass, to evaluate the relative degree of competition within the turfgrass community. Three levels of annual bluegrass contamination were used in the study which included six replications. The annual bluegrass-bentgrass community was maintained at a 0.4 inch cutting height. Data taken approximately one month after transplanting included measurements of tiller number, fresh weight and width of individual plants.

In the first series of experiments, bensulide and DCPA gave good control of annual bluegrass in newly-prepared soil with minimal injury to the Italian ryegrass or Pennlawn red fescue seeded one month after application of the herbicide. Diphenamid gave excellent control of annual bluegrass but did not have adequate selectivity to the cool season turfgrasses. Dichlobenil failed to give effective annual bluegrass control when applied to the soil surface during the warm temperature period of August.

In the second phase of the study conducted on a Tifgreen bermudagrass green, the annual bluegrass population ranged from 49 per cent to 68 per cent of the ground cover  
(Continued on page 32)

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