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ton CC in Hackensack, N.J., reportedly sold to Bergen County for \$1,150,000 . . . It is a boating, fishing and swimming club with 23 acres of lakes and adjacent clubhouse facilities and enough land for proposed 18-hole course.

A recent survey of 600 mobile home owners showed that golf has become one of the top three favorite sports for these people . . . Distance from a course seems to make little difference to owners of trailer homes . . . Five, 10 or 15 miles is not too far to drive for a round of golf . . . The proximity of a course has little to do with selection of a trailer camp, but many of these sites are installing putting greens to augment the old standbys, horse-shoe and shuffle board courts.

Eddie Kuhn, pro-supt., IBM CC on the former Guggenheim estate in Sands Point, Long Island, says Joe Sylvester, pro-supt. at North Hempstead CC, Port Washington, N.Y., is one of the greatest in the business for helping other supts. and pros . . . Eddie says Joe can keep poa annua in wonderfully fine greens

and shows his neighbors how to do it . . . Joe plays almost every day and knows every detail of his course from the player's and supt.'s viewpoints.

Navesink CC in Middletown, N.J., designed by Hal Purdy, opened with course and swimming facilities plus skating rink . . . New course is planned north of Brunswick, O. . . First nine at Bangor, Me., munny opened in late June . . . Pete Dye, Jr., has designed new course to be constructed on 420 acres near Indianapolis, Ind. . . First nine of the Northway CC in Schenectady, N.Y., scheduled to open in May, 1965, with back nine to be finished in 1966 . . . Long Grove (Ill.) CC put in play in mid-June.

Begin building Cavalry Club 18 to plans of Dick Wilson at Manlius, N. Y. . . . Riverhead-Flagg Corp. building Baiting Hollow CC 18 on Long Island Sound at Riverhead, N.Y. . . . Leon Baron is president . . . Robert Trent Jones is architect . . . Cherokee National G & Recreation Club borrows \$248,070 from Farm-

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ers' Home Administration to aid in building course, clubhouse, pool, etc. on 228 acres near Gaffney, S.C. . . . Porter Gibson of Charlotte, S.C., is architect . . . Adding a par 31 nine of 1,907 yds., to be known as Spotswood course, to Colonial Williamsburg's new Golden Horse-shoe 18 . . . Robert Trent Jones is architect . . . Williamsburg's new course has increased Inn business greatly . . . Women tour historic, restored, Williamsburg while their husbands play golf.

Beekman CC building 18 at East Fish-kill, N.Y. . . . Building 18 at Pilot Knob Park, near Mount Airy, N.C. . . . Wayne Hills CC, Lyons, N.Y., gets \$210,000 Farmers' Home Administration loan to buy 206 acres . . . FHA makes \$59,000 loan to Country Side GC, Minneota, Minn. . . Milwaukee (Wis.) County Park Board opened nine of its new North course 18 in August . . . This is sixth of the county parks' 18-hole courses . . . What some fellows who don't excite easily say is the best new course in the east is the Moselem Springs GC 18 recently opened near Reading, Pa. . . . Hawley Quier, publisher of Reading Eagle

and Reading Times, heads Moselem Development Co. which owns the course . . . George Fazio designed it . . . John Guenther, jr. is manager . . . Harry Carlson is supt. and is getting praise for his construction job . . . Pro will be hired this winter.

First of five courses planned for new Reston, Va. development is opened . . . Eddie Ault designed the course . . . Jack Lowe who used to be asst. at Bonnie View and is a protege of Charlie Betschler, is pro . . . The new community is three miles from the Dulles airport (Washington, D.C.) and is planned for 72,000 residents . . . Frank E. Heller named manager of White Deer GC being built south of Williamsport, Pa.

Middlesex County, N.J. (county seat, New Brunswick) got nine-hole course when federal government disposed of a Raritan arsenal tract . . . Rolling Greens CC, Milton, Fla., construction resumed . . . Leonard Nicholson is the owner . . . Long Grove (Ill.) CC in suburban Chicago opens its 18 . . . Roy C. Anderson is owner . . . Bill Rhodes is pro and Nylbert C. Hams, manager . . . Robt. Bruce



Joe and Tom Haase, Wickliffe, O. twins, were among trophy winners in Greater Cleveland Junior tournament, played in early August at Seneca GC. Nearly 700 kids played in different divisions, but tourney was cut from 36 to 18 holes by rain. Dave Anderson of Wooster won the main event with a 74 and sudden death playoff victory over Lance Richardson of Bedford. Tim Nagy won 15-year old flight with a 76, and Jeff Decile, Mike Kencson, Tom Wilson and Dave Wigton were winners in younger age groups. Tom Haase won 13-year old event with a 78 and Joe had an 81. Girl winners included Joan Glavic, 16, who shot an 82, Connie Kaiser and Noel Jablonski.

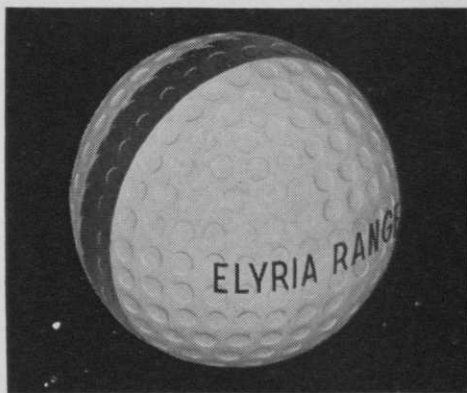
Harris designed the course . . . Pleasant Valley GC, Stewartstown, Pa., opens its 18 . . . W. Earl Montgomery is owner, Charles Shirey is supt. and manager and Don Stough is pro.

Chi Chi Rodriguez in winning his first big title, the Western Open, made himself a lot of friends . . . He added important names to the roster of his boosters when he played the Monday after the Western finale in the Children's Memorial hospital benefit pro-am at Onwentsia Club in Chicago's suburban Lake Forest . . . The Children's Memorial benefit lacked the participation of a number of the big names of pro golf who were elsewhere playing their own benefits . . . The rich absentees were given treatment by sports columnists and broadcasters that didn't do their public relations any good.

Chestnut Ridge GC, Blairsville, Pa., opens 18 designed by Jim Harrison . . . Fincastle CC, near Bluefield, W. Va., opens its first nine . . . Second nine to be in play next spring . . . To build Maple River GC, Inc. 18 near West Fargo, N. Dak. . . Ellsworth (Wis.) CC has request for \$109,000 loan approved by Rural Land Development Agency . . .

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Club will build 9-hole course and clubhouse . . . Leroy E. Lawrence, former speaker of the Vermont House, is completing a 9-hole course near Stamford, Vt. . . . It's located on a 300-acre farm.

Cook County, Ill., has purchased 1,700 underdeveloped acres south of Chicago as potential recreation site including possible golf course . . . Work has begun on Sidney (O.) public course . . . Man-nitto, Pa., a 415-acre resort community near Murrysville outside of Pittsburgh, is taking on new appeal as developers add course to other recreation facilities . . . Rolling Acres Beach Club, north of Ravenna, O., is adding course and changing its name to Rolling Acres CC . . . Resort plans totaling more than \$20-million and including several courses have been announced for Sullivan County, N.Y., in the Catskill Mountains.

White Deer GC in Williamsport, Pa., expects to open 18 next spring . . . Laurel Lake near Townsend, Tenn., has been purchased by real estate developers and course is included in building plans . . .

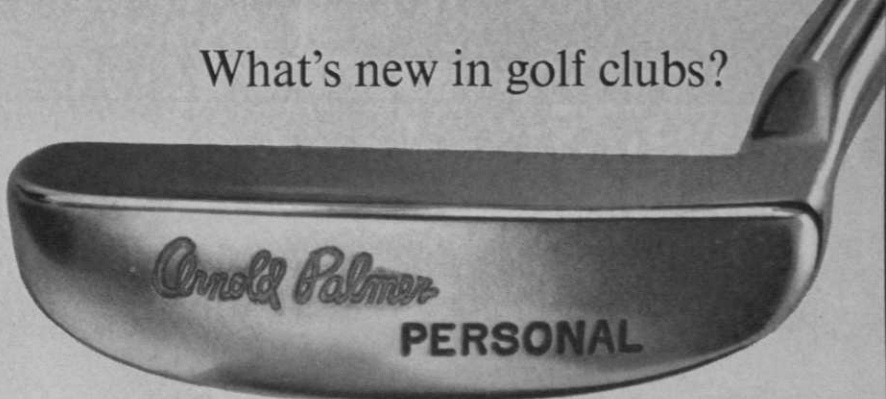
Gagetown, Mich., will have 9-hole course ready for play this fall, but will delay opening festivities until next spring . . . Sycamore Springs GC will build 18-hole course in Indianapolis, Indiana.

Florence (Ala.) CC opened second nine July 4th . . . Chris Burns is the pro at Florence . . . Telfair Ghioto, pro at Fort Walton Beach (Fla.) golf course, is on the job even though city council approval of his contract is snared in red tape . . . Ponderosa GC in Hanover, Pa., is scheduled for June, 1965 opening . . .

Chenequa CC in Hartland, Wis., now has 18-hole course, plus enlarged clubhouse . . . Real estate developers are building 18-hole course and homes near Sequim, Wash. . . . Lansing, Mich., has had a comprehensive recreation plan drawn up outlining needs of the community . . . Recommendations include 18-hole course plus lighted Par-3.

Jack Kesling moves from the pro position at El Dorado Club in Greenwood, Ind., to head staff of the new Old Oak
(Continued on page 89)

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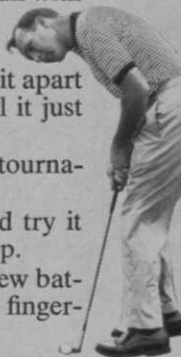
It's done pretty well for me in eight years of tournament play.

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Courses Become Disaster Areas As Pythium Strikes

By **JOE DOAN**

Northern supts. who usually have to contend with some kind of a major mid-summer crisis year after year, were shaken as they hadn't been in at least a decade when a widespread outbreak of pythium and other diseases struck their courses in July and August. The plague extended from New England to the Midwest, with combination poa annua and bentgrass fairways suffering extensive damage along the entire belt. Greens also were hit, but to a considerably lesser degree than fairways.

Pythium, described as a water mold, caused so much havoc in the Chicago area that what amounted to an emergency meeting of supts., green chairmen, club officials and agronomists was called on Aug. 21 to discuss the crisis. It was expected that about 100 persons would put in an appearance at the La Salle Hotel in Chicago, site of the meeting, but more than 200 attended, indicating that few people connected with course maintenance were taking the situation lightly. Among those at the meeting were delegates from Wisconsin and Indiana. The Chicago District GA organized the meeting.

Fairways Hard Hit

Numerous supts. reported that from two or three to a half-dozen of their poa-bent fairways went out on them, and several

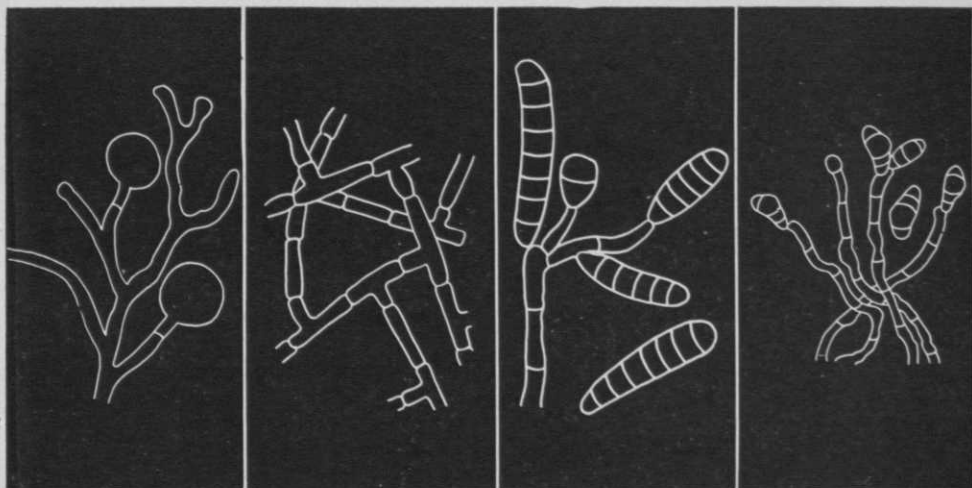
turfmen in the Chicago area estimated that 75 per cent of the combination fairways were damaged to some extent by the pythium blight. The disease has little actual effect on bentgrass. But once started, it makes widespread inroads into poa annua, which enters a semi-dormant stage in July and August and is particularly susceptible to disease and wilt. Pythium is recognized by a graying-white fringe that surrounds patches of dead grass. It may collect in small clusters or spread out over relatively large areas.

Holmes Assembles Experts

A panel of experts assembled by James G. Holmes, Midwest agronomist for the USGA green section, that included Drs. Jack Butler and Mike Britten, University of Illinois plant pathologists, Dr. William H. Daniel, Purdue University agronomist, Warren Bidwell, Olympia Fields CC supt., and Roy Nelson, Ravisloe CC supt., agreed quite definitely on these points:

- Pythium is always waiting to be summoned during hot weather. If high temperatures and high humidity prevail for three or four straight days at any time from late June through the remainder of the summer, pythium is going to build up.

- Courses that are poorly drained, over-watered or hard hit by rain provide the healthiest kind of incubating "soup" for pythium. It becomes even healthier if high



Here is how the enemy looks under a microscope. At left, is pythium, which caused Northern supts. many headaches during the summer. Brownpatch, helminthosporium and curvularia also were included among the diseases that caused much turf loss during July and August.

humidity (consistently above 70 per cent) is prevalent.

- A reasonably priced, effective fungicide that will inhibit the spread of pythium hasn't yet been formulated. Roy Nelson pointed out that a manganese-zinc mixture possibly is the most effective fungicide that can be used in controlling pythium, but it is doubtful if any clubs could afford to apply it on a regularly scheduled basis. Mike Britten conceded that perhaps enough attention hasn't been given to developing a pythium fungicide because there hasn't been a pressing need for it in recent years. In 1955, courses were just as hard hit by the disease as in 1964, but thereafter pythium didn't cause any distress to speak of. So, everybody forgot about it until this year.

Friend or Foe?

- The inevitable question, "Is poa a friend or foe?" was widely discussed, not only by the panel but the audience. Warren Bidwell said that he hopes to see the day when he can have 100 per cent bent fairways, but he was reminded by several persons that it may be impossible to ever completely kill off poa. Nelson, on the other hand, advocates making a partial transition by replacing divots with bent seed and by roughing up the fairways to work more bent in. Eventually he'd have nearly as much bent as poa annua.

As usually is the case when bluegrass vs. poa for fairways is discussed, most supts. insisted that there are just too many golfers around who would rather fight than switch to playing off bluegrass. Jim Holmes contended, however, that bluegrass can be maintained at a one-inch cut and thus gives practically as good lies as the poa-bent mixture. What is needed, he added, is a campaign to convince golfers that a changeover to bluegrass can be made without causing any deterioration to speak of in playing conditions.

No Solutions Offered

Probably no concrete solutions to the pythium dilemma resulted from the Chicago meeting. The probable cause of the disease was pinpointed, but little can be done to eradicate it unless golf and country clubs are willing to spend a great deal of money on a fungicide program that will knock it out when it threatens.

Some persons at the meeting hopefully said that a severe pythium invasion may be a nine-year phenomena and it will be 1973 before supts. are harassed by it again. But they were reminded that the high temperature and humidity conditions that prevailed in July and early August can keep on recurring year after year and what they hope is no more than a nine-year blight may become an annual plague.

(Continued on page 84)

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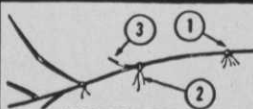
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