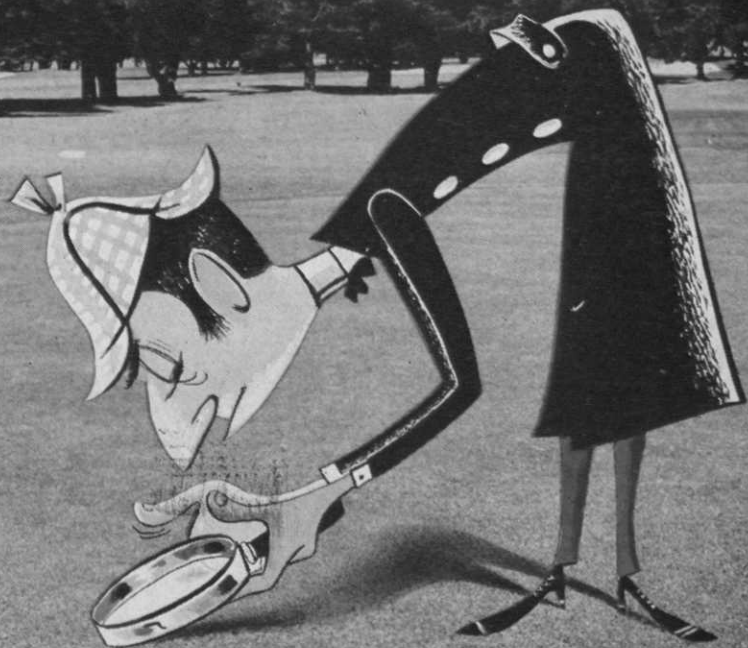


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nitrogen, fewer applications are needed. Thus, fewer bags have to be handled, and less storage space is required. And, Powder Blue resists leaching, even on heavily watered turf.

Nitroform is available in two forms: granular Blue Chip<sup>®</sup> for conventional spreading, Powder Blue for liquid application. Both release nitrogen slowly at the rate required for healthy turf.

Let the Hercules representative clue you in on this case. It's elementary, Watson.



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found, almost without exception, that the better the pros do, the better clubs do. Although figures he cited were those of private clubs, he maintained that every time a pro gets a good deal at a public course the course and city officials also profit.

Graffis gave a closeup of the economics of pro jobs and club operations in recommending that pros who are good sound businessmen, look at the game's economics from the standpoint of benefit to their clubs, themselves and manufacturers.

**Pacific Northwest Holds Meeting in Portland**

President Hap Heitkemper presided at the 65th annual meeting of the Pacific Northwest GA in mid-April at the Riverside G&CC in Portland, Ore. Directors representing clubs in Oregon, Washington, Northern Idaho and Western Canada discussed plans for the association's 1964 tournament, heard reports of the Caddy Scholarship program and of the western division USGA meeting in Los Angeles, Calif.

The 1964 men's PGA tourney is set for the Riverside course on July 13-18. The Women's Championship will be held in Portland, Ore., on the same dates at Columbia-Edgewater CC.

**Complete Picture Missing**

The Caddy Scholarship program of the PGA is conducted in cooperation with the Western GA Chick Evans fund. Considered a major function of the PGA, it is felt that many members, directors and professionals still do not have the complete picture of the project. That their cooperation is vitally needed to bring the program to the attention of eligible boys was emphasized at the recent meeting.

According to Harold Weston, delegates to the Los Angeles' USGA meeting represented all states west of the Mississippi including Alaska and Hawaii. The main discussion centered around a clinic conducted by Joe Dey on the new rules changes and their interpretation.

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## Game Should Be Adjusted If Eyesight Is Defective

Over the years, golf has been viewed from just about every conceivable viewpoint. Now, Dr. William Vallotton, an ophthalmologist in S.C., looks at his favorite sport and comes up with some interesting comments on the ocular aspects of golf.

Distance shots from the tees and fairways depend more on physical than optical causes, according to Dr. Vallotton. In haze or fog the golfer will tend to overshoot his target because of the unusual optical conditions. The golfer who wears bifocals may damn or bless his poor eyesight as he drives for the green. With bifocals, the golfer tends to keep his head lower in order to peer over the near segment of the lens. This can cause a good shot by forcing the golfer to keep his head down, or a poor shot if the head is lowered too much.

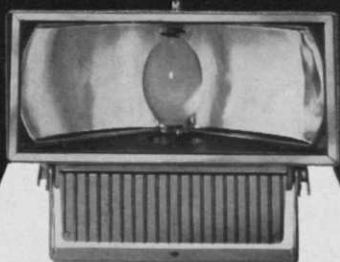
Defective eyesight on short shots, especially putts, causes various distortions. Greens can appear overslanted and golfers

may overshoot or undershoot every putt. Others aim the ball to the left or right of the cup.

Good golf doesn't mean good eyesight, Dr. Vallotton points out. Many golfers who do not wear glasses compensate or adjust their game to their defective eyesight. One top amateur began wearing glasses after it was discovered he was nearsighted and his game went sour. The corrective lenses made the ball appear too small and distances were distorted.

### Stroke Saving Tips

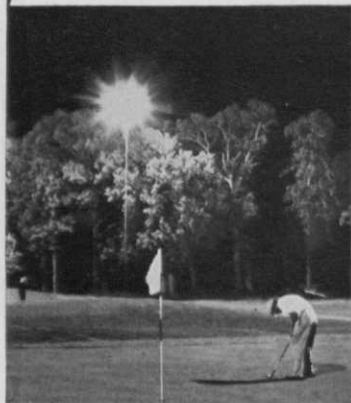
Dr. Vallotton has a couple of tips that might save a stroke or two on the green. When putting, the head is tilted slightly to see the cup and this may cause a mild eye muscle imbalance. In this case, depth perception may be affected. Also, distortions may be increased in those with a prominent bridge of the nose, especially when it obstructs vision from either side. Golfers with problems of this kind might do better by standing upright and copying the croquet player's between-the-legs stance.



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### This Is No Consolation to Willie Anderson

With his second Championship in 1963, Julius Boros became the all-time leading money-winner in the USGA Open with total earnings since 1950 of \$33,470. But who would be the leader if all the earnings of professionals from the 63 stagings of the Open were adjusted to the equivalent of the 1963 pay scale?

The answer is: Ben Hogan. This is pointed out by Bill English, golf's No. 1 statistician, in an article entitled "Money Men in the Open" in the April issue of the USGA Golf Journal. By converting Hogan's total Open earnings to the prize scale in effect for the 1963 Open Championship, his "actual" total of \$29,912 from 16 money finishes becomes \$109,990 in "equivalent" earnings. Right behind Hogan is another four-time winner of the Championship, Willie Anderson. Although his "actual" prize money from 11 Opens between 1897 and 1910 was a mere \$1,325, his "equivalent" total becomes \$101,175.

English chose the Open Championship as the common denominator for all professionals, past and present. In making the conversion, the money for a first-place professional finish became \$16,000 — the prize under the Open pay scale in 1963.

In the "actual" listings, Boros is the leader with \$33,470 from 12 finishes in the Championship. Arnold Palmer, in the money eight times, is just \$44 behind at \$33,426, followed by Hogan at \$29,912 and Gene Littler with \$23,357.

### 16th Amputee Tourney

The 16th Amputee Championship tourney will be held at Winged Foot CC in Mamaroneck, N.Y. Aug. 19-22. The deadline for entry is July 31 and the fee is \$10. An Awards banquet is scheduled for the final day of the match.

Midwest zoysia, selected after 10-years of testing and released in 1963, can be obtained from Agricultural Alumni Seed Improvement Assn., 2336 Northwestern ave., West Lafayette, Ind.

*I'll never forget...*

## The "bagged" shot and the helpful arsonist

by Superintendent Richard Grill, Elmira Country Club, Elmira, New York



One player started off pretty poorly in the qualifying round of the Annual Invitation Tournament. On the first tee he hit his ball off the extreme toe of the club. It blasted against the wall of the golf

shop and ricocheted...right into his partner's bag. "What do I do now?" the player asked unhappily. "Play a provisional ball," said the starter. "Don't take a penalty," said a galleryite. "Burn the bag!"

### Few golf shots are ever "in the bag"...

and neither is effective turf care. Good turf disease control requires weekly treatment throughout the growing season, in most cases.

Superintendent Grill has the answers. "I have used Du Pont turf fungicides for years now," he says, "and you can't beat them. Tersan® OM has been my number one fungicide ever since it came on the market. I started with 'Tersan' 75 and switched to OM because it's easier to use: my helpers don't have to measure and mix material.

"'Tersan' OM is dependable and effective. I've never had any disease problems when spraying 'Tersan' OM on a preventive program every seven days."

More and more superintendents are protecting their courses just as Superintendent Grill does. "Tersan" OM is a combination of "Semesan" mercurial fungicide and "Tersan" 75, an

organic sulfur. The combination gives fast knockout of turf diseases plus long-term residual protection.

While fungicide application is usually a weekly job, nitrogen fertilization can be a twice-a-season job. Just two applications of Du Pont Uramite® ureaform fertilizer—one in the spring and one in the fall—will give your turf enough nitrogen for the entire playing season. "Uramite" is 38% nitrogen...slow-release nitrogen that resists leaching and feeds turf steadily without burning throughout the playing season.

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### Evansville Bent Certified in Five States

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Limited supplies are available for spring delivery from Warren's Turf Nursery, Palos Park, Ill., and Chester Hybrids, Valparaiso, Ind. In the selection of this grass one was chosen which makes a very dense cover with ample fall vigor so it can compete successfully with poa annua. Also, because of its dark green color, lighter applications of nitrogen are proposed so that it has maximum chance for continued root development.

### Proposed Legislation Covers NY Pesticide Controls

Bill Smart, vice president of the newly-formed Hudson Valley GCSA and editor of its newsletter, recently discussed legislation now before the New York assembly concerning pesticides. A board has been proposed to prepare rules and regulations to control uses, transportation, storage and disposal of pesticides.

Such controls may be necessary, according to Smart, but there is a danger of the usual red tape that encumbers many government regulatory agencies. The best deterrent to insecticide mis-use is probably caution and intelligence on the part of supts. and others who use potentially dangerous chemicals.

Smart points out that the recent regulations in 45 states requiring specific fertilizer labeling is long overdue. Precise labeling by manufacturers provides supts. with much helpful information, but many supts. probably need to brush up on their knowledge of scientific terms to use the labeling information effectively. They should also observe suggested precautions.



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## National Golf Foundation Re-Elects Benkert President

Carl J. Benkert, vice president of Hille-rich & Bradsby Co., was re-elected president of the National Golf Foundation at the annual meeting of the organization in New York in April.

The directors also re-elected Rex Mc-Morris, executive vice-president and George J. Herrmann, secretary-treasurer. Newly elected members of board are Vaughn Clay, Dunlop Tire & Rubber Co., and Fred P. Koehler, U.S. Rubber Co.

Other directors of the Foundation are: William Bommer, Acushnet Process Sales Co.; Joe M. Graffis, Golfdom; Herb Graf-fis, Golfing Publications, Inc.; William P. Holmes, Wilson Sporting Goods Co.; Robert D. Rickey, MacGregor Co., div. of Brunswick Corp.

### 69 New Standard Courses

McMorris reported that in the six months from Oct. 1 to March 31, 69 new regulation courses and additions to exist-

ing courses were opened for play; 173 new courses and additions started construction; 13 new Par-3 courses were opened for play and 40 started construction.

California again led all other states in number of new courses opened and those under construction — 11 and 17. Prospects of 488 new courses were reported during the 6-month period. It is anticipated that interest and activity in planning and building new courses will continue at the same pace in 1964 as in previous years.

### RCGA Agrees with USGA

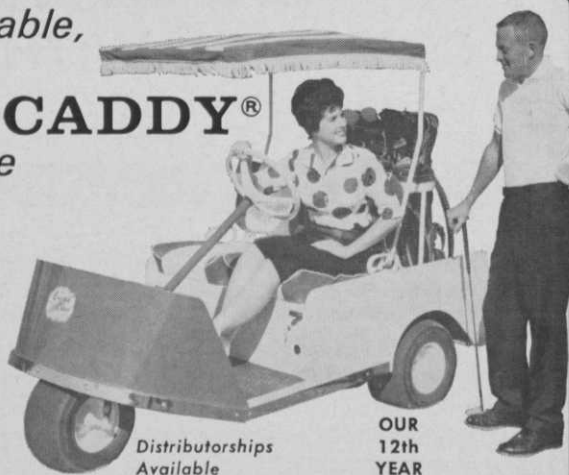
The Royal Canadian GA has announced that its 1964 rules will conform with the USGA's in three areas in which the latter doesn't agree with the R & A. These cover the flagstick rule, alternate penalty for an unplayable ball and elimination of the provisional ball for an unplayable ball. It hasn't adopted the USGA ball-out-of-bounds rules, however.

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