

cal control measures may not appear to be 100 percent effective in eliminating crabgrass, very often the seeding of the plants was considerably reduced by the treatment. Therefore permanent grasses were favored.

Dr. Musser took the group through research and production of a new grass strain via colored slides. It takes a minimum of 10 to 12 years to develop a new grass variety and begin producing its seed on a commercial scale. Dr. Musser explained the scoring method that is used to rate experimental grasses, and the moisture and temperature records that are kept while the research is going on.

Fertilizers and Chemicals

Dr. A. H. Bowers of Swift & Co., Chicago, spoke on the present fertilizer outlook. He disclosed that sulfur shortages have cut down on the amounts of superphosphate and triple superphosphate that can be manufactured.

Joe Marzak of Mallinckrodt Chemical Co., said that the chemical outlook is clouded by the supply of basic raw materials. Fungicides containing cadmium, mercury and copper were all restricted during the last war and may be this time. Currently they are available. Marzak remarked that mercury comes mostly from Spain. A 76 pound flask of mercury that formerly cost \$85 now costs \$224, so the price has risen on fungicides containing mercury. Cadmium and copper deposits both are located in the United States and South America. Cadmium is somewhat restricted by the U. S. government, but it still can be used by fungicide manufacturers.

Two films, one on recognizing turf diseases and the other made by the time lapse photography method on the budding of trees, completed the 1951 turf conference held in Purdue University's Memorial Union.

Central Pa. Greenkeepers Set Season's Program

Harry Fonder, Northfolk CC, Johnstown, Pa., has been elected pres., Central

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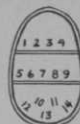
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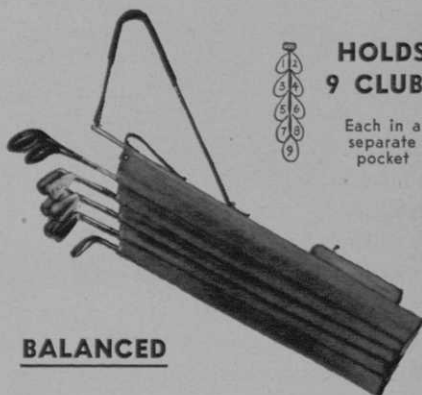
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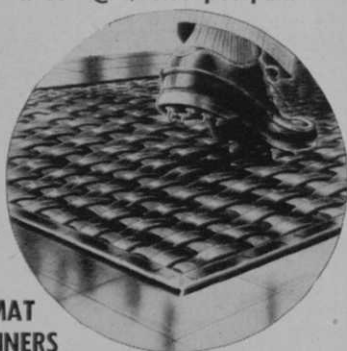
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Pennsylvania Greenkeepers' Assn. George Craig, Ridgeway CC, Petrolia, Pa., is vp and Herbert Heinlein, Old Fort CC, Indiana, Pa., is sec. treas. The association's schedule of meetings and featured subjects: April 23, Blairmont CC, Hollidaysburg, Fertilization; May 28, Sunnehanna CC, Johnstown, Aerification and drainage; June 25, Clearfield CC, Insect Control; July 23, Park Hills GC, Duncansville, New greens construction; Aug. 27, Ridgeway CC, Petrolia, Ladies' Day; Sept. 24, Sommerset CC, Weed control; Oct. 19, Chedromon CC, Cherry Tree, Pa., Field Day. Specialists to speak on the scheduled subjects are assigned by Pa. State College.

Hope Becomes 'Honorary Dad'



"Ole Poppa Crosby will have a laugh on me when he hears I've been made an 'honorary dad,' quipped Bob Hope as Joe Robb, tournament director, sold him a Hospitality Bond in support of the National Jaycee Junior Golf Championship to be held in Durham, N. C., August 13-18. Hope, a golf enthusiast as well as a comedian, who purchased the bond prior to an appearance at local merchants' dinner, was high in his praise of the local Jaycee organization for their sponsorship of the youth's tournament. Currently the Jaycees are selling bonds among Durham citizens at \$25 per share and each purchaser is entitled to become an "out of town Dad" for one of the visiting junior golfers. Jaycees Ray Tilley (left) and Southgate Jones, President, (right), look on approvingly as Robb makes the sale.

Says Pros Don't Know Their Cost Percentages

One of the most successful pro businessmen in a letter to GOLFDOM says that too many professionals are fooling themselves by not having accurate figures on the costs and percentages of doing business.

This man observes: "A pro overstocks and to finance until he can convert his surplus merchandise into cash borrows

Golfdom