



The Open Setting

Above is a view from within pitching distance of the 424-yard, 18th hole at Winged Foot where the Open will be played June 11-13. It's a tough finishing hole with slopes on three sides of the green and a trap on the left. At right is the 9th tee. This hole is 468 yards long and is rated a par 5 for members. For Open contestants, it will be a par 4.

Williams Gives 12-Year Report on Beverly Maintenance

Before leaving Beverly CC in Chicago to take his new position as supt. at Bob-o-Link, also in Chicago, Bob Williams prepared an extensive report covering the mechanical and chemical management of fairway grasses at Beverly over a 12-year period.

In the report, Williams described the type of fairway turf which the membership wanted and then went on to tell what had been done to cultivate and maintain it. The following mechanical methods used were described in detail: Mowing, Seeding, Aerification, Irrigation, Drainage and Tree Root Pruning.

Chemical control factors described included: Fertilizer, Fungicide, Herbicide and Insecticide.

Included in Williams' report were frequent references to the volume of various materials used. He pointed out that to maintain 40 acres of bent fairways, the 12 year consumption of seed was around 7,500 lbs. Beverly's irrigation system was rigged up to produce 1,200 gpm and 25,000 ft. of tile was installed at a cost of



\$60,000 in 1948 to give adequate drainage.

After much experimenting, Bob found that the optimum annual fertilizer application amounted to: Nitrogen, 157 lbs. per acre; Phosphorous, 8 lbs. per acre; and Potash, 60 lbs. per acre. To protect against dollarspot and crabgrass, it was found that three summer applications of fungicides rather than five gave best results. Insecticide treatment cost about \$400 annually in recent years while greatest dependence for control of poa annua, weeds, etc. was placed in sodium arsenite.

N. Y. Turf Directors

New directors recently elected by the New York State Turf Assn. include: Robert Mitchell, Edison Club, Rexford; Ralph Griffin, Crossingers, Liberty; and Frank Zufosky, Glen Head (L.I.) CC.