

courses were soon built within a 40 mile radius. The five courses wouldn't have been built at the high cost figures quoted in the beginning.

Two courses handled by Linkogel in 1962 were redesigned and changed from sand to grass greens. Another 9-hole course was rebuilt from its original layout and another nine was added. Two 18-hole courses and three 9-hole courses have been designed by Linkogel so far in 1963.

Freeborg Is Associate

In recent months Al has expanded his staff to include an associate, Raymond Freeborg. The latter has been working with Al in the St. Louis Turf Research Foundation program since 1957. In 1962, Ray worked quite closely with Al on the design, construction, and management of several courses.

Since 1957, Freeborg has been developing the St. Louis turf research program during the summer, and attending Purdue University in the winter, studying turf management under Bill Daniel. In 1959 Ray received his BS in agronomy from Purdue and then moved to St. Louis to continue his university training at Washington University. A fellowship was made available at Washington U. by the local turf research foundation to support Ray's graduate work at the university. Today, Freeborg is executive secretary of the foundation.

Program Expanded

The research program continued to expand until 1961 when the Missouri botanical garden became interested in it. Laboratory and greenhouse facilities of the botanical garden were made available to the turf research foundation and basic research was started under the direction of F. W. Went, director of the garden. This was confined to the more technical problems related to growing fine turf. Freeborg presently is studying for a PhD in plant physiology.

Missouri Turf Conference

The fourth annual lawn and turf conference of the University of Missouri (Columbia) will be held Sept. 18-19, according to D. D. Hemphill, chairman of the planning committee. Sessions will be held in the Student Union and at the University course.