

front of you, start calculating quantities of limestone (if it is needed) and fertilizer required.

Here you might use the help of a trained agronomist together with the advice of your fellow superintendents who have developed successful fairway improvement programs. Don't neglect to evaluate soil physical conditions, compaction and water infiltration.

Success in the use of water, lime or fertilizer will be more sure when soil is rendered porous and receptive to water infiltration.

This may be the best time to introduce by seed or sprigs the improved fairway grasses for the long-term program.

Q—We have not been very successful in controlling grubs in the soil even though we apply Chlordane (dry form) at the recommended rate. Any suggestions? (N. Y.)

A—Your trouble may be that you are not getting enough of the material down into the soil where the grubs live.

Aerify thoroughly before applying the insecticide, then water to wash the material down into the openings. If water is not available, use a dragmat to help work the chemical down into the openings.

If the soil is high in lime, chlorinated hydrocarbon type insecticides will break down and become ineffective more quickly than they otherwise would. Take this into consideration when determining how often to apply the chemicals.

Q—I am a student in high school. During the summer I work on a golf course and now I would like to study more about the subjects that will give me better training to be a superintendent. Where can I write to get information on undergraduate course work? (Mo.)

A—Several schools offer course work in Turf Management. We would suggest that you write to these institutions for full information.

Prof. H. B. Musser
Agronomy Department
Pennsylvania State University
University Park, Pa.

Dr. W. H. Daniel
Agronomy Department
Purdue University
Lafayette, Indiana

Dr. R. E. Engel
Agronomy Department
Rutgers University
New Brunswick, New Jersey

Dr. R. C. Potts
Agronomy Department
Texas A and M College
College Station, Texas

Prof. L. S. Dickinson
Agronomy Department
University of Massachusetts
Amherst, Massachusetts

Dr. G. W. Burton
Georgia Coastal Plains Experimental
Station
Tifton, Georgia (Abraham Baldwin
College, Tifton, Ga.)

We would suggest that courses in business management and personnel relations are equally important with basic technical courses in soils, chemistry, physiology, ecology and others.

"Doc" Treacy's Son Killed in Notre Dame Explosion

Dr. John W. Treacy, 30, son of the late R. W. (Doc) Treacy, for many years prominent in PGA affairs, was killed March 31, in an explosion during fuel tests in a rocket test cell at the University of Notre Dame. Dr. Treacy, an asst. professor of chemical engineering, was born when his father was pro at Danville (Ill.) CC. He graduated from Notre Dame in 1945. He took his master's degree there in 1947 and obtained a doctor's degree from the University of Wisconsin in 1949.

He was married to the former Mary Ann Owens of South Bend. They had three children. His mother now lives in Grand Rapids, Mich.



"LIGHT HORSE" STILL GOOD

Johnny Inglis (L), founder of the PGA Quarter Century trophy, presents Harry Cooper with Metz-Harper trophy for winning the club's second annual championship at Dunedin.

It was Harry's first start in the event.