late to do much good.

Noer, who deservedly enjoys confidence of chairmen as well as of supts., blamed top management policy's failure to make golf course jobs comparable with those of industry generally in pay and security, for wasteful and unpleasant turf conditions at numerous courses.

He remarked, parenthetically, that on an hourly basis the pay of many supts. might be less than the average pay of the help.

He said that the bents are moving south but he thought that it would be a long time, if ever, before they justified headaches, vigilance and expense south of Atlanta. He said the better types of natural warm season grasses were the south's best bet, but spoke of excellent performance by CI and Old Orchard in locations where elevation and/or dryness were favorable.

Noer cited work by Charley Danner in modifying texture of existing soil as an example of what is being done on the fundamental job of improving soil. He also told of work being done in improving drainage to move excess water out fast.

He gave a quick round-up of work done by Hoerger, Hall, Tift, Robinson, Burton, Baer, Nutter, Watson and others in discovering and breeding grasses that have figured in the tremendous improvement of southern courses. He said that the first thing to look for in a new grass is player acceptance for the strain, then disease and insect resistance.

Other Turf Zones Surveyed

Noer also concisely surveyed turf conditions in the northern and intermediate zones, pointing out that able management was the prime factor in getting any good strain to perform in its best manner. He told of U3 Bermuda in Pine Valley fairways with dye spraying to provide color. He thought that in some cases use of dye might be added to mowing as a labor factor in adapting warm season grasses to play farther north.

Merion bluegrass, he said, has accounted for some very fine areas but when seeded into established strains or mixed with aggressive grasses doesn't behave too well. Cases of rust on Merion, Noer believed, have been aggravated by too much watering.

In northern and central areas Noer said fairway trend was strongly toward bent because it would stand watering and close