and Dr. E. M. Horsfall of American Cyanamid and Chemical Corp. spoke before an audience of 45 greenkeepers and chairmen.

Noer, who certainly sees America first in turf development work, said that the former bugaboo of over-feeding of golf grasses no longer exists. During his extensive observation of courses this season he has noted evidences of turf starvation for which clubs ultimately will pay dearly. He mentioned excessive watering and faulty drainage as two other major troubles he has viewed.

Horsfall discussed quantities and time between applications of mercuric compounds in citing the degree of protection against brown patch that could be expected from the preventive treatments. He also spoke on arsenate of lead control of grubs.

Dickinson pointed out that for the first 15 days the grass seedling lives on the nourishment encased in the seed, therefore was unable to use additional available fertilizer. He said that providing fertilizer to young seedlings too early makes them inactive and root systems thin and shallow.

JOE LE DUC WILSON-WESTERN RECRUIT

Chicago, Ill.—Joseph Le Duc, widely known to mid-western pros through his 25 year active connection with amateur golf, has signed with the Wilson-Western Sporting Goods Co. Willie Hoare, who with Tom MacNamara, makes up the Wilson old-guard of the pro business, has had Le Duc as a team-mate, making his pro trade debut in the Chicago territory. Le Duc’s territory will be the south.

For 2 years Le Duc was treasurer of the Western G. A. and was a semi-finalist in that association’s 1914 championship. He has been winner of many invitation tournaments. Recently he was elected a director of the Illinois G. C.

Le Duc was born in Bradford, Ont. For the last 15 years he has been active in the automobile business. He was in charge of sales for Locomobile, Mercer and Wills Ste. Claire in Chicago territory.
during the earlier stages of his career in the automobile industry and for the last 10 years has had one of the active branches of the Nash company.

**FIRESTONE PRODUCING LOW PRESSURE TRACTOR TIRE.**

Golf course superintendents who have done some experimenting with low-pressure rubber tires on tractors will be interested in a new tractor tire recently placed on the market by the Firestone Tire and Rubber Co. The tire is large in cross section and diameter. It carries only 12 lbs. air pressure. It is worked out, so Firestone says, with consideration given to clearance, over-all contact, ground contact and other factors. Its design is claimed to make the tractor stable and eliminate wobble.

Among claims advanced for tractor operation with this tire are decreased fuel consumption, increased versatility, improved traction on soft turf or fields, higher operating speed, increased comfort for operator and longer life of equipment due to cushioning protection of the low air pressure.

Firestone says the new tire makes possible operations in high gear that previously have been possible only in second gear. One claim for the new tire that will especially interest greenkeepers is that of the tire not picking up or throwing dirt. Detachable weights are supplied for use in heavy work where maximum traction

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