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

has signed golf. with the Wilson-Sporting Western 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-



Joe Le Duc

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

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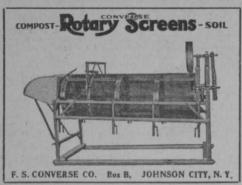
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during the earlier stages of his career in the automobile industry and for the last 10 years has had one of the active branches of the Nash company.

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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is a factor. These weights fasten to the spokes and rest on the hub.

Firestone points out that it has pioneered a drop-center rim for use on front and rear with these tires.

The new tractor tire can be inflated with an ordinary hand tire pump. Firestone says: "Implement dealers will be prepared to apply these tires to tractors now in use or furnish new tractors with this equipment."

PENFOLD, BALL MAKER, SPEAKS AT FAREWELL BANQUET.

New York City.-Albert Penfold, noted British golf ball maker, was guest of honor at a luncheon given prior to his return to England on September 20.

Penfold, in his remarks to golf writers at the affair, credited the rubber-cored ball with the present popularity of golf. The old gutty ball had too many defects and too great a manufacturing cost to promote the game.

The British ball maker said that his golf ball ideal involves construction that will give the high-handicap player the same "impact comfort" or satisfying "ping" that the low-handicap player gets when he hits a well made ball properly.

In Penfold's opinion the ideal distance specifications for a golf ball are 1.62 in. diameter and 1.69 oz. weight. When the weight is heavier the distance is shortened, according to tests he cited. He also said that dimple marking will give greater distance than mesh, but the latter will have longer carry. Dimple marking, stated Penfold, tends to keep the ball low. About 80 per cent of the British golfers, he added, prefer the mesh-marked ball which rises faster.

J. B. HURLOCK MADE CHICAGO WORTHINGTON MANAGER.

Chicago, Ill.-J. B. Hurlock, lately manager for the Worthington Mower Co. at Cleveland and prior to that time in charge of eastern territories for the Worthington company has been made manager of the Worthington Chicago branch at 517 S. Laflin St.



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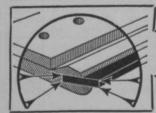
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