## Fertilization Gets More Attention

## By Lyman Carrier Organization

W E noted during the past season more study devoted to fertilization than during any other year in our experience. Study of the cost and results of the compost pile has revealed that much money can be saved by the employment of a complete grass food instead of the hit or miss method of the usual composting practice. It also has been demonstrated, to our own satisfaction, at least, that compost made by the usual method of manure, soil and old sod that is turned over several times a year, is a contributing cause of fungus diseases. In this connection we have observed that the application of Lecco, rather than heavy treatment of brown-patch preparations, resulted in quick recovery of the affected greens.

We also can report excellent results with fairways that were treated in the spring with Lecco. Fairways treated with a complete grass food in this manner did not burn out like untreated fairways, due to the greater development of the root system and the improved top growth. It has been impressive to witness during the 1928 season the response made by thin turf to Lecco applications, and we have formed the conclusion, based on observation of such cases, that such treatment which spreads out the grass into the bare spots is sounder practice than sowing more seed in thin fairways.

It also has been very gratifying for us to note that Cocoos seed is repeating its west coast success at courses in the eastern and central states. In view of this success of Cocoos in this vastly enlarged area we doubt that the supply will be sufficient to care for the 1929 demand.

## Invisible Hose Reel New Maintenance Boon

P HILADELPHIA TORO CO., 1528 Belfield street, Philadelphia, Pa., now is making an invisible hose reel that is contained in a sunken encasement located handy to the point where watering is done as a part of the maintenance routine. This encasement contains the reel and hose, stored out of sight and protected against weather and wear. When the hose is to be used the reel slides upward easily and allows for convenient and speedy handling.

The hose-reel is built so there is no after-dripping. Rubber decay is reduced to a minimum, so the makers state, and each separate piece of the reel is wrapped to give extra strength and to protect against rot.

Among the advantages gained by the installation of this invisible hose reel as set



Invisibe Hose Reel provides convenient storage and lowers labor and hose costs.

forth by the Philadelphia Toro Co. are decided savings in labor charges and in annual hose cost. Since the introduction of the invisible hose reel the equipment has gained high favor with the clubs that put the idea in use. Complete details of the equipment will be sent on request by the manufacturers.

## Montieth of U. S. G. A. Green Section Is Benedict

D<sup>R.</sup> JOHN MONTIETH of the Research Committee of the U. S. G. A. Green Section was married at Madison, Wis., Oct. 6, to Miss Grace Alise Gleerup.

