in a tree not more than ten inches in diameter! As the beetles work within the cambium layer and thus girdle the tree, one-thirtieth of that number of beetles would ordinarily have killed the largest and most healthy tree.

The difficulty and slowness of this treatment would absolutely preclude its use on a large scale, but there are thousands of property-holders throughout the country who have lost valuable trees adjacent to their homes whose shade and beauty they were relying on. To save these trees they would have gone to any amount of trouble had they known the course to pursue. The tree we saved in 1925 by treating and filling the two hundred and fifty-seven holes was, as I have stated, treated in 1926 for sixty additional holes. If larvae laid in the tree by the 1925 group of beetles, which numbered two hundred and fifty-seven, were controlled to the extent that only sixty holes were present the following year-and these holes might have been made by outside beetles-the carbon bi-sulthide treatment cannot be derided. Three hundred and seventeen holes in the trunk of a stunted tree not more than ten inches in diameter, meant that there was a hole through the bark for approximately every six square inches of the trunk surface. The tree was alive and thriving this spring, twenty-one months after the first holes were filled.

The photograph, taken this spring, shows many of the white putty marks and also the condition of the tree. Incidentally, there was not a single new beetle hole this year, while other trees in the locality were riddled.

# FERTILIZER MIXER IS APPLIED TO SPRINKLERS

PLANT Food Co., Montgomery, Ala., having had successful experience for two years with performance of Bell Plant Food Sprinkler in a number of southern installations now is going after golf club business nationally.

The Bell device consists of a chamber containing fertilizing material. This chamber is attached to the piping system so it feeds, automatically, the correct amount of fertilizer into the sprinklers. Any kind of soluble plant food such as ammonium sulphate, ammonium phosphate, muriate of potash, nitrate of soda, calcium nitrate, Urea, etc., may be applied with the Bell device. The container holds 1%

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Get your copy oft he valuable Leesley book on creeping bent greens. It's free on request. pounds and requires approximately 15 minutes to be discharged. The rate the material goes into solution is practically constant, this being controlled by the size of the holes leading to and from the fertilizer chamber. Only a small part of the total volume of water flows through the chamber.

The Beil Plant Food Sprinkler is made of aluminum. It is attached by the ordinary hose connection direct to the hydrant and the hose attaches to it. The company also makes a soluble plant food for golf course and lawn use.

Cost of the sprinkler is \$10.00 postpaid. Five pounds of the Bell plant food is sent free with each sprinkler.



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### YELLOW AND ORANGE BALLS NOW IN WILSON LINE

WILSON-WESTERN Sporting Goods
Co., Chicago, introduced, at the
North and South Open, canary yellow and oriole orange color in golf balls.
The object of the colored balls was
greater visibility and the tests at the
North and South event "outreached rosiest expectations" according to the manufacturers.

There was a prompt and big demand for these colored balls, adds Wilson-Western, which indicates a lively market for the pro trade making a bid for business with these novelties. Pro response to the offering of the colored Wilson Hol-Hi and Dura-Dist balls has been such that order shipments are being made in sequence of receipt of orders and the manufacturing organization is being rushed to get shipments on a quick and steady basis by the middle of May.

## BERLOY HAS NEW SECTIONAL GOLF BAG AND CLUB RACK.

BELIEVING that there is an ever increasing need for an expandable system for the storage of clubs and bags. The Berger Mfg. Co., Canton, Ohio, has announced a steel rack built on the unit principle with several exclusive features.

The illustration shows three of the stan-



Berger's New Expanding Club and Bag Rack

dard units in one assembly with a combined capacity of 108 bags. Each unit is three feet wide by three feet deep by 84 inches high including the three inch base. Each shelf has a continuous label holder