of cost-keeping systems that are really practical. Instead of showing just so much money spent, and where, they show the expenses in a way that prevents wastes and draws attention to neglected details. In the smaller towns, probably more than in the metropolitan areas, this cost-keeping progress is vitally important, although at no place is it to be slighted. We recently have seen some really accurate figures on compost preparation, and they made us blink, just as they did the green-chairman and greenkeepers of the clubs compiling them. The aggregate of these costs showed that other fertilization methods and the employment of machinery were urgently warranted.

With the labor payroll accounting for approximately 70% of the average annual green-maintenance expense, it is obvious that the savings to be expected must come from replacement of manual labor by machinery. Power mower development has advanced decidedly during the last twelve months and plenty of attention is being devoted by manufacturers to further progress in this direction.

Fairway watering continues to grow. California's pioneering in fairway watering, born of necessity, swept eastward first as a luxury, and now is becoming recognized as a necessity for the first class courses farther east. The hoseless watering installations also are growing in favor, and are showing marked labor savings. Architecture continues to take maintenance into more studious consideration and the courses put in during the past season show great ingenuity in permitting machine maintenance without sacrifice of the golfing or landscape elements.

Around five or six years ago there was the period of greatest activity in new course construction in metropolitan districts. Many of these new courses were put in on land that the farmers had allowed to run down in fertility due to the obvious opportunities for sale for golf or subdivision purposes. Heedless construction methods at many of these courses further aggravated this situation because what good top-soil there was present got buried in moving dirt for the greens. Consequently the approach areas were sadly scalped. Greenkeepers have been reaping this whirlwind ever since. Though it has been a costly harvest it has not been without profit for it has resulted in a deeper study of fertilization programs, the appraisal of soil fertility in selecting sites

## PLAN FEE COURSE OWNERS' CONFERENCE

W ITH fee course growth continuing at a lively gait and that phase of the golf business already of substantial dimensions, the fee course owners are beginning to recognize the probability of considerable value to be derived from exchange of ideas.

The owner of one of the high-grade fee courses in the middle west has written GOLFDOM suggesting that we organize a convention of central and western daily fee course owners to be held during the Golf Show at Chicago and an eastern meeting to be held during the New York show.

There's no glory or money in it for us, but we shall be glad to do our level best in promoting such sessions and helping in arranging a practical program if the manifest interest of daily fee course owners warrants action.

The idea looks good to us, for fee course owners have a lot of special problems that ought to be considered specifically by sessions such as those suggested.

GOLFDOM would like to hear from fee course owners as to their thought on this matter, and if they are for a conference, we would appreciate being advised of any practical program ideas that occur to them.

> HERB GRAFFIS, Editor.

for new courses, and stricter specifications governing the construction methods employed in new course building.

Brown-patch prevention and cure during the last season has received more attention than ever before. As to a definite determination of the cause of brown-patch the authorities still differ and differ plenty, just as they differ on the best methods of prevention and cure.

One of this writer's regrets of the past season is that the crowded condition of his touring schedule did not permit a visit to see the results that A. P. Webster obtained at Rock Island, Ill., with the generally discarded Bordeaux mixture. Although this treatment has passed out of the picture as