Two views of beautiful Pebble Beach Country Club. Upper shows Number 9 green, and the lower Number 8
Brown-Patch at Pebble Beach

By JOE P. MAYO, Greenkeeper
Pebble Beach Country Club, Pebble Beach, California.

ON an average, we have no rainfall for periods of seven months, and therefore we are very dependent on a good watering system. We follow the policy of early morning watering, and although this has been done consistently for five years, we still have brown-patch.

We are troubled with this disease more on slight knolls and slopes facing south, and I agree with Mr. Monteith about moisture and temperature. We have mushrooms every month in the year, also brown-patch, and they come together. We have an average temperature of around sixty winter and summer. We can have our steaks covered with mushrooms all the time,—that is, of course, if we have the steaks. I have had a few large brown spots, but not in the last three years, all of the small.

Bi-Chloride of Mercury as Preventive

Five years ago when I first came to Pebble Beach we had worm casts, and I used bi-chloride of mercury at least once a month in solution, and I remember of no brown-patch. When the late Professor Piper was here I remarked about not having any brown-patch. The next year I used one of the powdered worm killers and brown-patch showed up. I think that is the reason that some of the older greenkeepers who have always used corrosive sublimate never had brown-patch.

We are using corrosive sublimate at least once a month now for angle worms and brown-patch, and it is working fine except in the winter. Last winter was very wet and we could not use anything dissolved in water, and it was too wet to top dress, so just had to get along with a few spots, but I used some powdered worm killer for angle worms winter before last. We had to water greens part of the time, “not enough rainfall” and the corrosive sublimate worked fine.

Using Special Chemical Distributor

I have not tried calomel, but will as soon as I use up my supply of corrosive sublimate. I apply it in solution, also sulphate of ammonia. The accompanying photo of operation shows the syphon or distributor. It is one I have been using for three years, fool-proof. It puts on the barrel of mixture with five to ten barrels of water from hydrant according to the nozzle we use on end of hose.

We use 10 to 14 ounces of corrosive sublimate (according to size of green) to ten barrels of water. That is about as strong as we can put it on without turning green slightly brown. The last two months we have been mix-

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