whole one can get just as good a game of golf now on
the Pacific coast as he could before the Hoover admin-
istration. Only the most observant players notice that
the rough is untrimmed and that the trees and shrubs
may not have been pruned.

* * *

However, the groundsmen themselves, have not been
so fortunate as their immediate superiors in regard to em-
ployment, but their conditions have not been too dif-
ficult on many courses. Greenkeepers, on receiving
orders to cut down the grounds crew by one or two men,
have deliberately disobeyed orders and have pro-rated
the discharge among the whole crew over a period of one
year.

Thus a greenkeeper instead of firing two men out-
right as ordered will give two of his men a week’s vaca-
tion without pay. The following week these two re-
turn and two more take their place. Thus unbearable
hardship is inflicted on no one.

* * *

Professor R. L. Webster, head of the Washington
State college department of zoology, has been conduct-
ing a research study pertaining to the cutworm and his
habits. Although this work was carried on primarily for
the benefit of the farmers of Washington, his remarks
are of interest to greenkeepers because cutworms have a
harmful habit of nesting in bent grass nurseries.

"Cutworms do not 'swell up and bust' as stated in
some quarters," declares the Washington zoologist, "nor
does the hot weather kill them. They merely complete
their usual development in a normal manner when they
cease operations on crops in the early summer. Hot
weather may accelerate the growth of the pest but it
does not kill it.

"The eggs from which the cutworms hatch are laid
by the parent moth sometime in late summer and usually
in grasses. The young hatch in the fall and begin feed-
ing at once, going into the winter only partly grown,
consequently they greet the spring with enormous ap-
petites.

"Cutworms feed mostly at night, hiding all day in
the soil within an inch or so of the plants they attack.
They mature in June, transform to the intermediate
pupa stage in the ground, and the adult moth later
emerges from this pupa. Most cutworms have but one
generation during a season."

Professor Webster recommends the following poison
bran mixture for the checking of cutworms:

- Bran—1 quart.
- Paris green—1 teaspoonful.
- Molasses—1 tablespoonful.
- Water sufficient to moisten the bran.

Mix the Paris green and bran thoroughly, then add
the molasses dissolved in water, stirring until the bran
becomes barely moist throughout. The scientist intends

this mixture for use in gardens, but there seems to be no
reason why it could not be used between the rows and
around the borders of bent nurseries.

* * *

Again the ever-popular topic of California weather
comes up for consideration. In March, southern green-
keeper were loudly lamenting the fact that they had not
had their quota of rain for the season and could not
even hope for more because it was too late in the year.

But they did not know California weather; nobody
does; that's why it is always "unusual." More rain
came, bringing the total to near normal. What is more,
there has been no scorching heat so far this season and
the skies on a large percentage of the days have been
beautifully overcast, thus eking out the ground mois-
ture.

Nobody knows what it is going to do in the Golden
State until it happens. Every year the oceanographers,
the Indians, the old-timers, the astronomers, and the
men with sensitive corns have a merry time deciding
what the weather will do, and usually all of them are
made to look ridiculous.

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Mid-West Notes

By A. L. BRANDON, Secretary

REGULAR June meeting will be held Monday, June
29th at the Biltmore Country Club, Barrington, Illinois.
Mr. Henry Wiest is the greenkeeper at Biltmore.

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Quite a group of the boys made the trek to the
Chikaming Country Club at Lakeside, Michigan, for
the May meeting. Some of the boys covered a distance
of nearly two hundred miles to attend this meet. All
agreed that the trip was very worthwhile and Mr.
Buller proved a most excellent host.

The Chicago district has been enjoying periodic
rains plus warm weather which is keeping the cutting
units plenty busy. The deficiency in rainfall at the
present writing is only .47 of an inch.