Watering Economy Has Field’s Attention

By W. A. BUCKNER (Buckner Mfg. Co.)

It is our belief that the most outstanding development in the business end of golf during the past year is the widespread interest shown in the hoseless system of irrigation. A great many clubs throughout the United States have adopted this method of irrigation by the use of self-closing, underground valves installed in the fairways flush with the soil on which the sprinklers are snapped. An installation of this type reduces the irrigation costs of any golf course approximately 50% as compared with the old method.

We do not believe there is another item of initial expense in connection with golf course upkeep that will pay one-half the dividend on the investment as will be earned by a hoseless system.

Practically all the outstanding clubs in California have already adopted this method. This is, of course, due to the fact that it is of California origin, but eastern clubs are fast falling in line.

Some Questions and Answers from Leach’s Mail

By B. R. LEACH

Question
Sir:

Four years ago we seeded our greens with what purported to be fescue and South German Creeping Bent. The bent failed to materialize to any appreciable extent. The fescue has not done very well and, four years having elapsed, it has practically disappeared.

Native to this locality is a very hardy velvet or crab grass which we are unable to identify. We have commonly termed it crab grass, but several so-called experts classify it as velvet.

It is a very tough, coarse growth and spreads quite rapidly. We have spent lots of money cutting it, that is, with a very fine sharp disc, cutting it both ways in an

1. This little golf ball is anybody’s. It is costly to the player but its chief viciousness lies in its ability to undermine the morals of caddies whom it tempts to dishonesty or ball-bootlegging.

2. This little ball prevents mistakes, comes back to its owner, lifts the morale of the game, speeds it up and helps keep caddies sportsman-like and true to themselves.

3. This is the new, perfected Fulname Ink, the most important development in golf ball marking in years. Already far in the lead of every other marking method. Fulname, with this new ink, is supreme.

4. This is the machine that makes the good little ball No. 2 with the permanence, uninjurious and indelible

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would have his own little golf ball bush
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But They Don’t.
They have to be purchased—that’s your
business, and before that they have to
be built—that’s our business. Your
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ment to the purchaser for the money
paid by him. The Wilson line for the
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offers the finest, the most efficient —
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No “Pro” interested in building business
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effort to slow it up, but this does not check
it in the least. We have used literally
tons of ammonia sulphate and it seems to
thrive the same as the balance of the green.
We have tried cutting it out in blocks and
patching, but that is such a tremendous
task and so expensive that we had decided
to plow up the entire greens and reseed.
I then read your article and proceeded to
the course this morning and treated a
large section of one of our greens with
arsenate of lead as suggested by you. We
applied the lead in solution and put it on
very thick. Time alone can tell what re-
sult we will experience. In what manner
would you suggest applying the arsenate,
by hand, in top-dressing, or in solution?
Would you suggest a heavier application
than 5 lbs. per 1,000 sq. ft. in the winter
when the grass and soil are wet? In other
words will an extra heavy application
hurt anything.

We have a native bent here that is posi-
tively the most perfect grass for greens
that I have ever seen and I have seen
lots in all parts of the country. This grass
is now grown and harvested by a local con-
cern and we have already a very large
practice putting green and two large ex-
tensions seeded in this grass and they are
perfect. The grass being native here is
taking possession of all of our greens with
the exception of this terrible crab or vel-
et of which I write. If we can eliminate
this with some chemical we would save
hundreds of dollars and have perfect
greens.

Can you help us? I can send to you a
sample of the grass if you will tell me
where to send it.

C. W. H.
(Oregon.)

Answer
Sir:

We would suggest that you send a sam-
ple of this grass to The Division of Agros-
tology, Bureau of Plant Industry, U. S.
Department of Agriculture, Washington, D. C.

If this grass is a true bent grass the ar-
senate of lead will stimulate its growth
rather than check or kill it.
I do not advise the application of ar-
senate of lead mixed with water to turf.
Rather apply it mixed with moist sand or
soil or better still with dry milorganite.
Five pounds of arsenate of lead will knock
this grass if it is amenable to arsenate of
lead treatment, but if it is a bent grass
25 pounds won’t hurt it in the slightest.

B. R. L.