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some reservations. Write about them and contribute your ideas, which are backed up by field experience. In this way we will help each other make this decision when and if it becomes necessary.

To get the ball rolling, here is a letter Ray had submitted to his greens committee in 1975.

TO: Grounds Committee & Board of Directors

FROM: Ray Knapp

SUBJECT: Sand Topdressing on Greens at Tuckaway

Presently Tuckaway has been using a top soil mix as top dressing on the greens. For the past three years, a lense of clay has been noted on the greens at about three inches below the surface. Last year this layer caused some trouble on greens 11, 2 and 4. For most golfers the problem with these wet greens was not noticed. Now is the time to start a sand top dressing program to hopefully eliminate a problem that might take five more years to become evident. We can not eliminate the clay



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layer but we will lower it one-half inch per year by using sand top dressing.

Some of the history about using sand dates back to St. Andrews where sand has always been used for top dressing. The trouble using sand arises when a program is once started it must continually be followed. If soil is placed over the sand a perched water table on the green surface results.

For the past 20 years many of the golf courses in Southern California have successfully used sand top dressing. They have discovered many side benefits to this program.

Using sand top dressing the amount of Poa Annua has been reduced or eliminated. The club is now spending over \$1,000.00 to chemically treat for Poa Annua yearly. After using sand for a couple of seasons, Tuckaway may be able to stop the chemical control program.

In California, many of the courses now using sand top dressing have been mixing it with fertilizer, fungicide and insecticide. A labor savings could be expected from these operations to off set the extra cost of the program.

There are several direct benefits to the golfer when sand top dressing is used. It gives a true smooth putting surface. Furthermore, the sand settles into the grass and thatch, thus the green is not messy for 3 to 4 days like with top soil.

SAND TO DRESSING ADVANTAGES:

- Golf play is not effected immediately after top dressing. 1.
- Easier to handle than top soil mix. 2.
- Will not be affected by becoming wet. 3.
- 4. It has been reported to control Poa Annua and other weeds.
- A material can be found that is uniform over a long 5. period of time.
- Top dressing can be mechanized easier. 6.
- 7. Water infiltration

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rate will be increased over the years.

8. Sand cannot be compacted by mechanical or foot traffic.

YOUR VALUABLE ELMS CAN BE SAVED By Ted Egelhoff

With the labeling of DuPonts new chemical Lignasan B.L.P. this Spring most arborist in Wisconsin have turned to this method as an additional aid in saving our elm trees.

The best program to follow for saving the elms are as follows:

1. Dormant spray, with Methoxyclor 25% - 8 gals. per 100

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