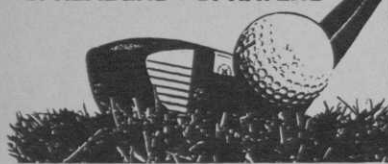
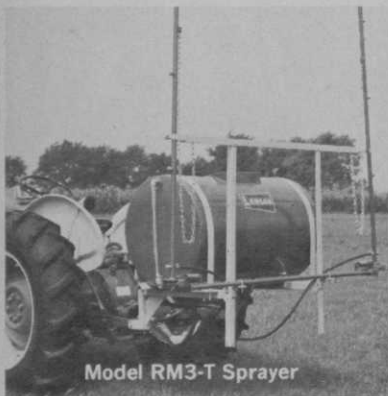


Keep your turf in first-class condition with dependable  
**LARSON**  
SPREADERS & SPRAYERS



Model 413 "Piggyback" Spreader

This tractor mounted 3-point hitch unit spreads milorganite, fertilizer or seed faster—uniformly! For greener turf from tee to putting green, the swing is to the LARSON LINE. First choice of knowledgeable golf course superintendents and other professional turf men on many of the country's finest golf courses.



Model RM3-T Sprayer

Here's a sprayer that handles herbicides, fungicides, insecticides or fertilizer in a fast, labor-saving way to keep everything under control on greens, fairways, roughs and even around the clubhouse. This 3-point hitch sprayer can cut your golf course maintenance costs! Spray hand-guns and other accessories are also available.

ALL INQUIRIES INVITED —  
Write, Wire or Phone Today!

**LARSON**  
**MACHINE, INC.**

SINCE 1944

PRINCETON, ILL. 61559/PH. 309-385-4312  
MANUFACTURERS OF BROADCASTERS,  
SPRAYERS AND ACCESSORY EQUIPMENT

For more information circle number 169 on card



# DR. FRED V. GRAU

ANSWERS TO TURF QUESTIONS

## WASTED RESOURCES

Maybe it's because I was brought up on a small farm in eastern Nebraska where we had to "make do" with what was at hand. We couldn't afford to buy coal; and there weren't enough trees to give us wood to burn in the cook stove, so we burned corn cobs.

Some of the cobs were nice and clean; those we got from the end of the corn sheller. Others we picked up in the hog lot where we had thrown the ears on the ground, letting the hogs do the shelling. The fragrance of the hog lot cobs burning in the kitchen stove didn't remind one of roses exactly, but they gave off enough heat to cook our meals. We got used to the smell after a while.

What I'm getting at now is this: It burns me up to see great, big, beautiful trees being pushed over by bulldozers that are clearing land for fairways on new golf courses. It wouldn't be so bad if these trees (beech, maple, oak, cedar, cherry, tulip poplar, pine, hickory) were sawed up and sold for firewood. Many people could burn the logs in their fireplaces. Then they wouldn't have to burn so much oil or gas to keep warm.

I know, because I have a fireplace. I love to sit in front of it and watch the flames licking and curling. Keeps me warm, too. I can turn the thermostat way down. But at \$40 or \$50 a cord, I can't really afford to keep the fireplace going all the time. Maybe I could at \$20 to \$25 a cord.

It makes me sick to be a witness to the burial of great trees merely because some people want "to get rid of them." It takes a long time for a tree to reach majestic size. Lots of time

and sun. There is a lot of energy tied up in that wood—too much to just bury and let rot. I have to ask, Why?

Are we in too big a hurry to get the golf course built that we can't take the time to cut up those logs for firewood? Why, we even have chippers that will turn the wood into a coarse kind of sawdust, which can be worked into the soil for expensive humus. The sawdust and chips will rot and grow good grass when mixed with soil and lime and fertilizer. Selling logs for firewood could bring in some extra revenue, too.

It is a terrible, unforgivable waste of our natural resources. If any contractor or builder reading this editorial will write to me and tell me that he makes good use of the trees that obstruct the building of a fairway, or a tee or a green, I'll put his name up for an award of some kind. Fact is, I'll write an article about him. Fair enough?

We dare not go on wasting our trees any more than we dare waste our precious water or our topsoil or anything else that is our natural heritage.

Conservation is upon us in a big way. Let's practice it everyday, every way.

**Q**—Concerning your design to "save" logs from trees that have to be cleared in building a golf course, can you relate one of your experiences?

(New Jersey)

**A**—The word "economics" governs the disposition of trees. In one case where there were 80 acres of trees to be cleared, the bid price for "burn and bury" was \$800 an acre. The alternative proposal was to "chip and carry

continued on page 20