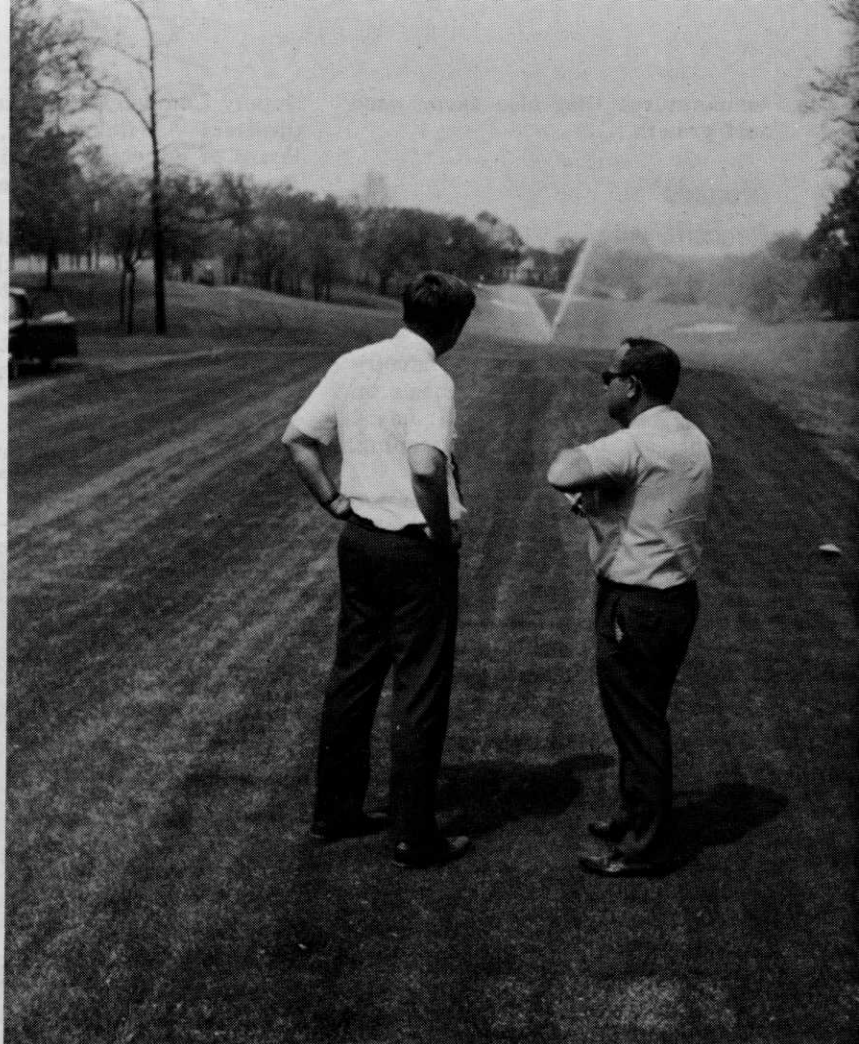
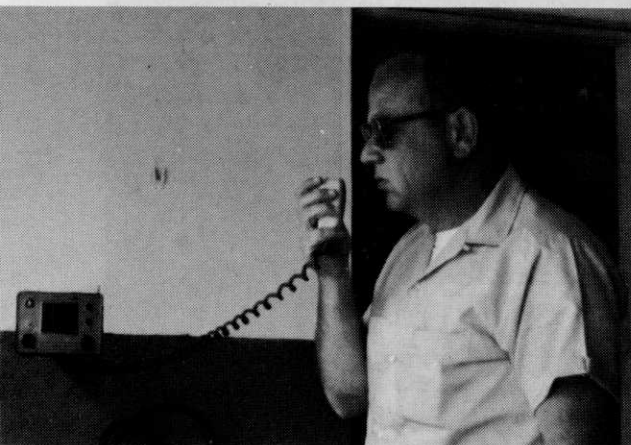


The best in golfing played this course in 1969. It's the NCR course at Dayton, Ohio, site of the PGA tournament. Naturally, it had to be in superb shape, and the man responsible is Jack Hart. Hart (right) is visiting with Roger Gilmore of Diamond Shamrock Chemical Co. Hart watches over 54 holes, and that's why two-way radio communications between the maintenance building and key vehicles is vital.



Golf's Best Played NCR Course That Boasts Turf Management by Ear

JACK HART says he "plays everything by ear" in his job as golf course superintendent at the NCR Country Club, Dayton, Ohio. Over the years, the sensitivity in that "ear" has paid off for him.

Especially last year.

This was the year Jack's course was not only played over by the nation's top professional golfers, but was seen in glorious living color by millions of avid golfing enthusiasts via TV. It was the year Jack's turf took on the 51st annual PGA Tournament, and Jack wasn't taking any chances that his turf would be anything less than perfect.

To accomplish this, Jack relied heavily on his years of experience to tell him what needed to be done and when, to keep his turf as healthy, good-looking and playable as possible. And the consistently high turf quality of the NCR course was certainly a factor in choosing

it as the site for the 1969 PGA Tournament.

Has a Feeling for Trouble

Take control of turf fungi, for example. "As a rule, I'll wait until I see some appear," Hart says, "after awhile you can nearly feel when they're going to hit. Like brown patch—I can see that grass standing up a certain way and I just know we're going to start getting some brown patch."

"I really can't go by any rigid program, because nature doesn't follow a rigid program," Hart explains. "I play everything by ear, hour by hour."

But Hart's explanation of his intuitive grasp of the situation also brings out what is possibly an equally important part of his success as a course superintendent — management. Hart knows how to manage his resources, and he knows which resources he can count on to solve

the problems which crop up.

"The first thing I've got to have, with the three courses that I'm responsible for," (He handles 36 holes at the NCR course and another 18-hole private course adjacent to it) "is to have men I can count on. And



Sometimes, laments Hart, "It seems we have more different plants, more grasses, more insects, more diseases, more everything" . . .

I'm fortunate in that respect," Hart says. "I've got one top assistant, Clyde White, and an excellent foreman on each course, all connected by two-way radio."

Weed Control Constantly

Next, he depends on high quality "tools of the trade," and knowing how to use them. "Weed control is a constant job, and we're always looking for better ways of handling it," Jack says. "We were using silvex for clover and broadleaf control," he says, "until we started using Dacamine a few years ago. We've had wonderful results with Dacamine, in that it gets the weeds beautifully and doesn't injure the grass at all—no leaf burn or anything."

"It seems to be a completely different formulation than any of the phenoxy herbicides we've used," he adds. "I've found it to be completely non-volatile—we haven't burned an oak since we've started spraying with Dacamine."

Clippings Say When on Fertilizer

Fertilization isn't a "by guess or by gosh" proposition with Hart, either, but again he doesn't follow any rigid pattern. "It just depends on when the turf needs it," he explains. "I judge the grass by its clippings, not by its color, and fertilize on that basis. Color isn't really that important—it's how the course plays that counts. I'll bet the turf could be purple and nobody'd mind if it played well."

In general, though, Hart starts with an application of 12-4-8 or 10-3-7 in the spring and "touches up" later with a light shot of 10-3-7 or liquid urea.

When it comes to the fungus control, Hart has discovered a new friend, Daconil 2787 fungicide, to supplement the Dyrene he had been



But Hart has found a big help in weed control is Dacamine herbicide. Here, he examines some knocked-out dandelions along the edge of a fairway.



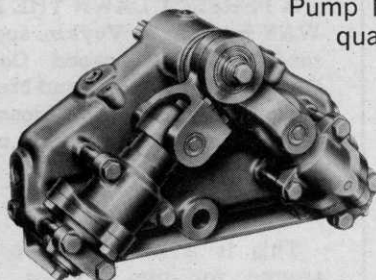
Myers TT29 Tall Tree Mist Sprayers with "Joy Stick" Controls

Especially Effective for: Tall Tree Protection, Mosquito Control, Leaf and Debris Windrowing, Brush Burning and Sanitation Spraying.

New TT29 with "Joy Stick" controls for easy, tireless all day operation. "Joy Stick" turns entire unit full 360° and moves air case up and down for pin point accuracy. Trigger button on stick provides instant on-off of spray material... saves expensive chemicals.

Sprayer is equipped with Myers Du-All Spray Pump No. 6110, 10 gpm - 500 psi. A quality built pump with the highest performance-to-size ratio in the industry. Handles all types of spray material.

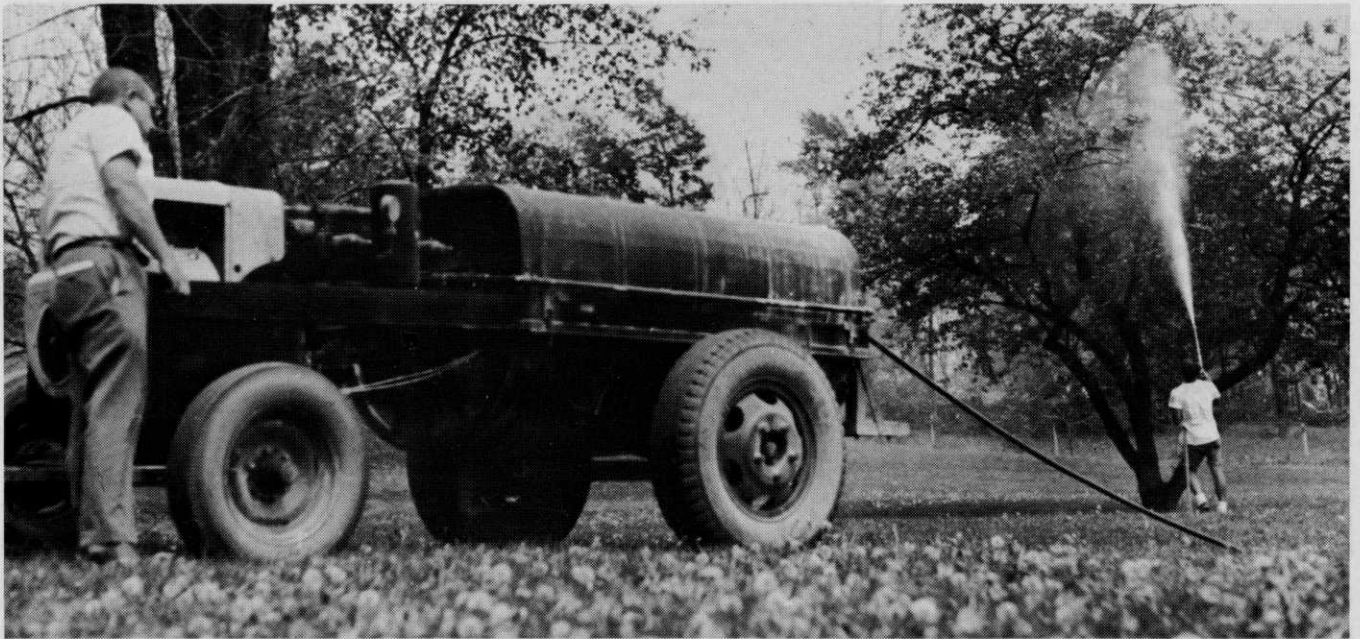
For complete information, see your Myers Sprayer Dealer or write:



Myers...the finest name in power sprayers

THE F. E. MYERS & BRO. CO. DIVISION OF **McNEIL CORPORATION**
400 ORANGE STREET • ASHLAND, OHIO 44805

For More Details Circle (115) on Reply Card



This high-volume spray unit keeps trees healthy on the NCR course.

using. "It's the only thing that will get the new dollarspot. Early in the year I might use some Dyrene, but that quits after a while, and when the going gets tough I go to Daconil 2787 fungicide."

"Application," Hart says, "is im-

portant in getting a fungicide to work for you." First of all, he believes it must be applied fast. "You also have to decide whether you want to spray on top or get to the bottom—different diseases should be attacked in different places," he says. "Some diseases work on top of the grass—like leaf spot and smut, and some work near the bottom. Right now we're driving the spray down into the grass to clean out brown patch and pythium."

Another Secret's in Watering

What else does it take to make a PGA-quality course? "Well, if you want to call it a 'secret' of success," Hart laughs, "I guess you'd have to call good watering practices another of my 'secrets.'" There is more damage done to good turf due to over-watering, especially in hot

weather, than by lack of water."

Hart makes sure none of his turf gets watered by sprinkler in hot weather—it is always done by hand. "And," he says, "we do every bit of our fairway watering at night."

"In fact," he adds, "we don't do anything in the heat of the day—at 87 or 88 degrees everything stops, because we don't want to make the turf susceptible to bruising. More good grass is hurt by bruise than people realize. In addition," he says, "a rundown condition is the cause of much disease, like pythium."

Jack keeps precise records on his practices on all three courses. It helps him build the store of "intuition" he uses constantly in his work. And it's that big "intuition" that helped make the PGA Tournament one where a golfer's only reason for a missed putt was the golfer himself, not the turf.

KEEP AMERICA BEAUTIFUL



"The Pioneer in Foliar Feeding"

Honored by American Horticultural Council "for demonstrating in a practical way that plants could be fertilized through their leaves; for being the first to develop and market an effective plant food for foliar feeding; and for opening the way to a new cultural practice in horticulture."

RAPID-GRO

For More Details Circle (107) on Reply Card

BOOK REVIEW

A PERFECT LAWN THE EASY WAY by Paul N. Voykin, superintendent of Briarwood Country Club, Deerfield, Ill., Rand McNally & Co., P.O. Box 7600, Chicago, Ill. 60680. Hard cover, \$3.95; paperback, \$1.95.

This is a nice book to have around for two reasons. First, you'll enjoy reading it. Voykin is a good story teller and is able to see the humor in embarrassing or frustrating situations; to make the complex seem simple. Voykin

presents a month-by-month approach to lawn care. "Take it easy," he repeatedly advises. Secondly, the book is good to have around to loan to the customer, club member, or friend who's about ready to cement over his yard—or do something drastic. Voykin's title indicates he can write authoritatively—to include tips on how to try to convince your neighbor that his flowers are suffering from a "rare Moroccan disease epidemic" rather than drift from your weed-killer spraying! Have fun.