

Continued from Page 11

The use of halogenated hydrocarbon-type fumigants to destroy 90 to 95 percent of the nematodes in a soil prior to planting the crop has not been as widely accepted in Minnesota as it has in other parts of this country. Time, soil temperature, and cost considerations seriously limit the usefulness of many of these chemicals in cooler areas with a relatively short growing season.

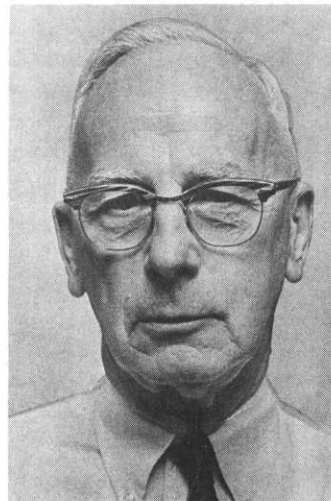
Granular and, to a lesser extent, liquid formulations of insecticides-nematicides are increasingly being registered for use in Minnesota. These materials are applied in the furrow or banded and lightly incorporated in the soil using equipment that is readily available on most Minnesota farms. Usually the application rates necessary to kill nematodes are two to three times those required to control insects. In some cases control has been as complete as that obtained with the use of halogenated hydrocarbons (90 to 95 percent reduction in population).

Since the effects attributable to plant parasitic nematodes are often not specific (a decline in vigor, reduction in yield, tendency to wilt) and the cost of applying even the granular nematicides to a large acreage is definitely appreciable, it is strongly recommended that soil samples be collected and processed for plant parasitic nematodes before any chemicals or other control practices are initiated. Consult Department of Plant Pathology form PL-16 for information about the collection of samples and submission of these samples for processing by the Plant Nematology Laboratory.

Other methods of control less applicable under Minnesota conditions but which may be useful in certain circumstances can be suggested by personnel of the Plant Nematology Laboratory or the Plant Disease Clinic, Department of Plant Pathology, University of Minnesota, St. Paul, MN 55108.

Issued in furtherance of cooperative extension work in agriculture and home economics, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Roland H. Abraham, Director of Agricultural Extension Service, University of Minnesota, St. Paul, Minnesota 55108. We offer our programs and facilities to all persons without regard to race, creed, color, sex, age, or national origin.

NECROLOGY



Al Wareham, first Executive Director of M.G.C.S.A. and the founder of HOLE NOTES, passed away on Sunday, February 11 after a long illness. Al was 79 years old.

He served as Executive Director of M.G.C.S.A. from 1968 until 1975. Amateur golf in Minnesota also owes Al a debt of gratitude. He reorganized the Minnesota Golf Association in 1957 and served as its president for three years. In 1961 he became the M.G.A.'s first full time Executive Director and opened the first office. His term as U.S.G.A. Public Links Committeeman in this area stretched 41 years as he attended thirty-three consecutive National Public Links Tournaments. We will all miss Al but the standards he set in all phases of turf and the game of golf will remain behind as his legacy to all of us.

MAY MEETING

Host Superintendent Kurt Erdmann of the Rochester Country Club will have the red carpet out on Tuesday, May 15 for the M.G.C.S.A. monthly meeting. Full details by mail later, but mark your calendar now...especially you straight hitters!



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