

Across-the-Board Tree Culture At 22nd Midwest Shade Tree Conference

Dutch Elm Disease continues to plague the industry, despite the best research and control efforts, but use of cobalt 60 and its effect on Dutch Elm Disease at the research level shows some promise. Dr. Richard Campana, president of the International Shade Tree Conference and plant pathologist at the University of Maine at Orono, is heading up this work at the Maine Experiment Station. At the recent Midwest Shade Tree Conference at Chicago, Dr. Campana reported that by the time a tree shows general symptoms of the disease, it very likely was infected during the previous season. In his research terminal inoculations developed very limited reactions the first season. High levels of radiation to cobalt 60 caused marked changes in plant growth. Dr. Campana said a general stunting and dwarfing effect was noted with some degree of control. Work on the project is to continue.

A Des Moines, Iowa, group, David Orcutt, Iowa Power and Light Co., Harold Hodgkinson, City Forester, and John L. Wright Jr., Wright Tree Service, discussed the big elm tree removal program brought about by a major epidemic of the disease. Both utility crews and private contractors are cooperating in a massive citywide effort to cut down outages and damage claims to public and private property. Some \$67,000 will be spent for tree replacement during the coming six years.

Safety Is Prime Factor In Working Near Powerlines

A slide training film presented by Arthur R. Truelsen, Safety Advisor, Commonwealth Edison Co., at Northbrook, Ill., emphasized safety factors when working around powerlines. Utility arborists must be able to recognize line power by learning size and type of insulators used for each. A body or tool clearance



Webster Crowley
Morton Arboretum

Ralph Carmichael
President

of 8 feet is mandatory on 320,000 volt lines on towers. This distance, according to Truelsen, includes using even pruners and saws. As size of transmission lines decreases, safe clearance drops as low as 3 feet. Without proper clearance, Truelsen warns against pruning unless such wires are "rubbered up," that is, insulated for personnel protection. He also urged proper grounding for bucket trucks along with daily inspection of hydraulic lines on both cranes and bucket trucks because they present a serious potential fire hazard. First aid training, especially mouth to mouth resuscitation, Truelsen believes, is most important for safe operation among line clearance crews.

Dr. Donald L. Schuder, Department of Entomology, Purdue Univ., Lafayette, Indiana, gave clues on spotting spruce mite damage which is often confused with other types of mite damage. Early season damage, he said, is usually from this mite. Lime-sulphur dormant sprays are effective as well as several well-known miticides such as kelthane.

In working with sod webworms and their control, Dr. Schuder reported the omni-directional light trap has proved that moth activity over lawns is not greatest in the evening and mornings, but that peak activity is between midnight and 2:00 a.m.

Basic interrelationships between design, construction and maintenance in development and utilization of the landscape were discussed by Justin C. Harper,



Noel B. Wysong, sec.-treas., left, confers with Orville Hatcher, pres.-elect.

Deere & Co., Moline, Ill. Harper believes the future of any landscape project lies almost wholly in the hands of the person who will be maintaining it.

Distinguished Service Award To Dr. J. Cedric Carter

A distinguished service award was presented Dr. J. Cedric Carter, Illinois Natural History Survey, Urbana, for meritorious service to the Midwest Chapter and the International Shade Tree Conference.

Officers elected at this 22nd Midwest Shade Tree Conference at Chicago, February 8-10, were: President Orville Hatcher, City Forester, Omaha, Neb.; Vice-President, Archibald E. Price, Glenview, Ill.; and re-elected as Secretary-Treasurer, was Noel B. Wysong, Golconda, Ill.

The 314 attending the event made plans for their 1968 chapter meeting to be held at St. Louis, Mo. Presiding at the opening of this 22nd convention, President Ralph G. Carmichael, Bettendorf, Iowa, urged the group to take an active part in the proceedings and to aid the cause of education and cooperation among arborists and others concerned with shade trees. Both Iowa State University Extension Service and the University of Illinois set up displays which included their latest bulletins and publications concerning the industry.