

Helicopter Tree Planting, Talks, Exhibits, Tours, Set for 42nd ISTC Convention in Cleveland This Month

An unusual out-of-the-sky tree planting ceremony is part of the outstanding five-day International Shade Tree Conference convention and trade show, being held this month in Cleveland, Ohio, August 28-Sept. 2. While delegates watch, a helicopter will maneuver in and lower to its new site a young tree for one of Cleveland's lake-front malls.

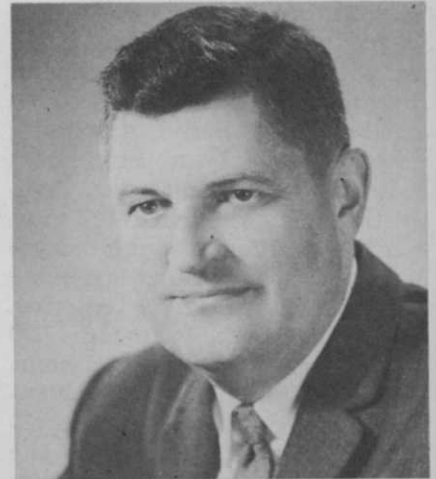
After this special feature Tuesday morning, Aug. 30, conventioners return to the Cleveland-Sheraton Hotel convention headquarters for the keynote luncheon highlighted with an address by U. S. Senator Frank J. Lausche.

The '66 convention and show will open on Sunday, Aug. 28, with registration, a business session, and a reception and hospitality party for delegates. Some 50 trade and educational exhibits are planned for the show; these will be open on Sunday. ISTC President, O. J. Anderson of Houston, Tex., will officially call the meeting to order and inaugurate convention activities at 9:30 a.m. on Monday, Aug. 29.

"Dieback and Decline of Hardwoods: Some Possible Causes," and "Use of Soil Wetting Agents



John Michalko, Cleveland's Shade Tree Commissioner, and general chairman of 42nd ISTC meet.



William P. Lanphear, III, of Forest City Tree Protection Co., of Cleveland, is co-chairman for '66 show.

in Arboricultural Practices" will be discussed at the Monday morning session. Speakers are, respectively, Dr. Wayne Sinclair, Department of Plant Pathology, Cornell University, Ithaca, N. Y., and Robert A. Moore, Aquatrols Corp. of America, Camden, N. J.

Many Experts Address Afternoon Session

The afternoon session will include: "Recommendations for Treatment of Soil Fills around Trees," by John Z. Duling, Dul-

ing Tree Expert Co., Muncie, Indiana; "Problems and Solutions in Curbside Tree Plantings in Excavations," by Edward J. Brarmann, Jr., Supervisor of Forestry for the Jersey Central Power & Light Co., Morristown, N. J.; and "Industrial Landscaping—Problems and Solutions," by Ralph G. Carmichael, Davey Tree Expert Co., Bettendorf, Ia.

Tuesday's concurrent sessions on commercial, municipal, and utility arboriculture will be marked by specialized talks and panels of experts in each area. The program on commercial arboriculture, arranged by the National Arborist Association, Clarke W. Davis, executive secretary, will feature a panel discussion on "Shade Tree Fertilization and Aeration Practices," to be moderated by Edward E. Irish, Chas. F. Irish Co., Warren, Mich. In addition, "Systemic Insecticides, Up-to-Date" will be discussed by Dr. R. B. Neiswander, professor emeritus, Department of Entomology, Ohio Agricultural Research and Development Center, Wooster, Ohio. "A Look at Business," the annual business meeting for members of the National Arborist Association, and a dinner for NAA members and guests are



Cleveland's famous landmark, Terminal Tower, dominates skyline of 42nd ISTC host city.

BITTERWEED

(*Helenium tenuifolium*)



Bitterweed, found from Virginia to Kansas and southward to Florida and Texas, has spread as far north as Michigan and Massachusetts. An annual that reproduces by seeds, bitterweed is also known as yellow dog fennel and bitter sneezeweed, or simply, sneezeweed.

This plant grows in wastelands, in yards, along roadsides, and around buildings. In some areas, it is a common pasture plant and may cause livestock poisoning if grazed in the late summer and early fall when plants are in bloom. Bitterweed may also produce milk with a bitter flavor if grazed by cows.

The smooth, erect bitterweed stem grows from a short, branching taproot to a height of 4 to 30 inches, with many branches in the upper part (1). Numerous narrow, smooth leaves grow alternately from the stem and branches. Leaves are closely crowded.

Flower heads (2) are about $\frac{3}{4}$ inch in diameter. Several yellow ray flowers with 3-toothed tips surround a dome of yellow disk flowers.

Reddish-brown seeds (3) are wedge-shaped and hairy on the edges. Seeds have bristled scales at the top.

Good control of bitterweed usually results from the application of 1 pound of 2,4-D amine per acre before the weeds are 1 inch high. Older weeds in their bloom stage may require 2 or 3 applications, or use of 2 pounds of 2,4-D amine per acre, for control. Good control of young weeds may also be obtained from 2,4,5-T, MCPA, or silvex applied at the rate of 1 pound per acre.

Prepared in cooperation with Crops Research Division, Agricultural Research Service, United States Department of Agriculture, Beltsville, Maryland

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Dr. Lewis C. Chadwick, Columbus, Ohio, executive director of International Shade Tree Conference.

also planned for commercial arborists on Tuesday.

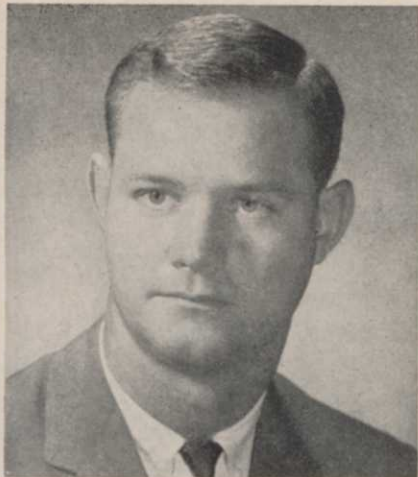
The municipal arboriculture program, arranged by the Municipal Arborists Committee, Carl Schiff, chairman, has scheduled talks on "Municipal Street and Shade Tree Problems," by Brian Fewer, Supervisor of Street Tree Planting, Dept. of Public Works, San Francisco, Calif.; and "High Production Tree Planting Practices," by Albert Ayling, City Forester, Warren, Mich. Municipal arborists have also set panel discussions on "Tree Evaluation," and "The Labor Situation: What Can Be Done About It," to be moderated by Carl Schiff, Director of Horticulture, Dept. of Parks, New York, N. Y.

Arborists to Hear Panel

The Utility Arborists Committee, C. E. Lee, chairman, has arranged a program of panels and talks, which will include "The Utility Arborist," by Harold Cody, General Superintendent, Distribution Div., Cleveland Electric Illuminating Co., Cleveland, Ohio. Municipal and utility arborists will get together for a dinner program, also planned for Tuesday.

Exhibits, a tour of the Holden Arboretum, and commercial equipment demonstrations are to highlight the ISTC program for Wednesday, Aug. 31.

A full slate of educational sessions is again set for Thursday, Sept. 1. Talks are to include:



Clarke W. Davis, executive secretary of National Arborist Assn., which will meet with ISTC.

"Biotic Approach to Insect Control," by John W. Peacock, shade tree entomologist, U. S. Forest Service, Delaware, Ohio; "Selected Trees for Street, Lawn, and Industrial Landscapes," by Roy Nordine, the Morton Arboretum, Lisle, Ill.; and "Personnel Management," to be analyzed by Hackett C. Wilson, Wilson Tree Co., Shelby, N. C. Educational sessions will close with F. L. Parr, Parr & Hanson Co., Hicksville, Long Island, N. Y., speaking on "Arboriculture: What's Ahead?"

Plan Entertainment for All

Final day of the '66 convention, Friday, Sept. 2, offers a post-convention tour for delegates to interesting shade tree sites in and around Cleveland. So that the meet will interest the entire family, a separate ladies' program, and a teenage and youth program have been arranged to include sightseeing and entertainment. Convention activities culminate with the annual banquet, set for 7:30 p.m. on Thursday.

John Michalko, Shade Tree Commissioner of Cleveland, is general chairman of the '66 gathering, which is expected to attract more than 1,000 treemen to "The Forest City." William P. Lanphear, III, vice president and treasurer, Forest City Tree Protection Co., Cleveland, is co-chairman. Executive director of the International Shade Tree Conference is Dr. Lewis C. Chadwick of Columbus, Ohio.

New Turfgrass Guide Available from Penn. State

An attractively prepared 32-page booklet on turfgrasses is now available from Pennsylvania State University.

Called "Turfgrass Guide for Lawns, Recreation Areas, and Roadsides," the publication describes 22 grasses and includes explanations of seed labeling requirements and mixture recommendations.

Special turfgrass problems

such as weed, insect, disease, moss, and algae control, are all discussed in the guide.

Other areas covered are soil testing, turf establishment and management, and turf renovation. Drawings of 24 common lawn weeds are on the booklet's rear cover.

Copies are available from Pennsylvania State University, Cooperative Extension Service, College of Agriculture, University Park, Pa. 16802.



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