

August 25-26 Set for Hawaiian Turf Conference

Over 150 turf specialists from the Hawaiian Islands and the mainland are expected at the second annual Turfgrass Management Conference for the state of Hawaii at the University of Hawaii, Aug. 25 and 26.

"Beautification and Community Appearance" with special interest on "Weeds and Weed Control" is the theme of this year's conference.

Superintendent of Maintenance, Hawaii Highway Dept., Edwin B. Andresen, is conference director. His co-chairman will be Major Robert Bohan, past secretary-treasurer, U. S. Army Golf Association.

The conference is designed to be of interest to professionals faced with landscaping problems or yard maintenance decisions. All interested parties are invited to the conference.

Committee chairmen include: Program, David Akana; Registration and Refreshments, Major Robert Bohan; Publicity and Banquets, Charles McCrary; Exhibits, James Kim and Makoto Takahashi; Proceedings, Jean Gutierrez; Housing, Roy Sato; and Tours, Allan McKay.

Protect Elms, Is Appeal

If more people realized the true value of their elm trees, they would be more concerned with protecting the shade trees from Dutch Elm disease.

According to standards set by

the International Shade Tree Conference, an American elm having a diameter of 14" at breast height, in reasonably good health and in a desirable location, is worth approximately \$300 to \$350.

Dr. Ray Keen, department of horticulture, Kansas State University, Manhattan, urges a sanitation program that will control bark beetle breeding in dead trees and provide protection by spraying DDT.

Bulletin Aids Tree, Shrub Insect Identification

Ornamental tree and shrub insect pest identification is covered extensively in an illustrated research bulletin just published by Ohio Agricultural Research and Development Center.

The bulletin, to aid nurserymen and arborists, is titled "Insect and Mite Pests of Trees and Shrubs." It was written by Dr. Ralph B. Neiswander, professor emeritus of zoology and entomology at the Research Center. Dr. Neiswander, who retired in 1964, specialized in insects of ornamentals and greenhouse varieties during his 38 years with the Center staff.

Descriptions, habits, and life histories of 86 destructive pests in Ohio are included in the bulletin. Its pages discuss 28 suckling pests of foliage and twigs, 14 gall makers, 7 leaf miners, 7 defoliators of conifer and deciduous trees, 17 wood-boring insects, and 2 root feeders.

Five full-color and 92 black

and white photos in the 56-page publication illustrate insect and mite damage, and various life-cycle stages of most pests described in the bulletin.

Copies of Research Bulletin 983, are available for \$1, from Mailing Room, Ohio Agricultural Research and Development Center, Wooster, Ohio.

"Expressway" Locke Mower Has 60-inch Blade Swath

Grass as tall as a man and 40-degree slopes reportedly don't stop the recently developed "Expressway Patrol" mower.

Developed by Locke Mfg. Co. to meet needs of highway maintenance on hillsides and long strips of grass, the 700-lb. mowing machine is said to cut up to 3 acres of grass per hour. A safety feature stops the heavy mower after 7 ft. of free travel. With the engine only 5" off the ground for low center of gravity, and dual wheels for stability, the rig is virtually untippable manufacturers claim. More details on the "Expressway Patrol" are available from Locke Mfg. Co., Inc., 1085 Connecticut Ave., Bridgeport, Conn.

Four-Stage Lawn Rig Introduced by Adt Co.

Complete grading, pulverizing, seeding, and fertilizing of a 7-ft. swath of ground for grass all the way from Baltimore to Washington, D. C. (40 miles) would take only 80 hours with the "Grader," a new John B. Adt Co. tractor-mounted processing machine, the company reports.

Designed to simultaneously perform all four operations, the unit can treat up to 25,000 square feet of roughly prepared ground an hour, the firm claims.

Featuring a dual hopper with capacity for automatically seeding and fertilizing up to 8 acres per load, the "Grader" is said to be useful for seeding lawns, golf courses, parking areas, playgrounds, or other turf areas.

Inquiries about the new device may be addressed to "Grader," John B. Adt Co., 110 West Timonium Rd., Timonium, Md., 21093.



Inventor of the Adt "Grader," George Ulsh, demonstrates his new lawn machine.