

## The Cover

Michigan's Department of State Highways has been doing an excellent job in maintaining newly planted trees on the



state's highway rights-of-way.

This particular operation is on Interstate-96 near Lansing. Once the landscape contractor's guarantee period of 90 days expires, tree survival becomes the responsibility of the Department.

Trees on this 11-mile segment were watered continuously for 3 months beginning July 1, 1967. Each tree received about 10 gallons monthly. Work was done by regular road maintenance forces, augmented by seasonal workers. A 1000-gallon truck mounted tank with pressure pump and 1½-inch fire hose with fog nozzle proved to be a practical approach for watering the young plants.

District Maintenance Engineer Joseph Badaluco reports that, "We use a 1½-inch hose because a 1-inch garden hose would be too slow. Pressure on our pump is kept to a minimum and the fog nozzle breaks up or disperses the heavy stream of water we would get with a regular nozzle on a 1½-inch hose."

Besides watering, trees were sprayed with insecticide and fungicide. Spray work was handled by a specially trained district forestry crew, using a Roto-Mist sprayer.

This year plants are being handled by this specialized crew. Maintenance includes fertilizing, watering, spraying, and some cultivating during this second year. Badaluco anticipates that trees will need only limited maintenance during 1969 which will be the third growing season on the site. In the cover picture is Dan Stump, Lansing, a student doing summer work with the Department.

# WEEDS TREES and TURF

FORMERLY WEEDS AND TURF

July 1968

Volume 7, No. 7

### Features:

Automation — Modern Tree Trimmers Ride to Work By John R. Buckley .....	7
Formal Training and Recruitment Can Help Meet the Industry's Labor Needs .....	12
Army Corps Engineers and Brush/Weed Killers Control Mississippi River Flood Channels .....	20
American Sod Producers Association to Stage 2nd National Field Day on July 30 .....	27

### Departments:

Editorial: Help For the Industry .....	4
Know Your Species .....	31
Insect Report .....	32
Classifieds .....	33
Advertisers Index .....	33
Trimblings .....	34
Meeting Dates .....	3rd Cover

**President and Publisher**  
James Milholland, Jr.

**Editor and Editorial  
Director**  
Arthur V. Edwards

**Managing Editor**  
Donald D. Miller

**Editorial Assistant**  
Kathy S. Thomas

**Vice President  
Advertising**  
Dan M. Humphrey

**Director of Circulation**  
Roy Bever

**Advertising Production**  
A. J. Michel

### Advertising Sales Offices:

**National Headquarters** — 9800 Detroit Ave., Cleveland, Ohio 44102, 216+631-6468; **Chicago, Ill.** 60601—333 N. Michigan Ave., 312+236-9425; **Shawnee Mission (Kansas City), Kansas** 66202—6811 W. 63rd St., 913+722-5900; **New York City** 10017—757 Third Ave., 212+421-1350; **Rosemont, Pa.** 19010—1062 Lancaster Ave., 215+525-1874; **Columbus, Ohio** 43212—1350 W. Fifth Ave., 614+486-9638; **Lansing, Mich.** 48906—4415 N. Grand River, 517+372-5254; **Los Angeles, Calif.** 90005—The Eschen Co., 3142 Wilshire Blvd., 213+382-8391; **San Francisco, Calif.** 94104 — The Eschen Co., 57 Post St., 415+781-7440.

**BPA Application Applied For**

WEEDS TREES AND TURF is published monthly by The Harvest Publishing Company. Executive, editorial: 9800 Detroit Ave., Cleveland, Ohio 44102.

Single Copy Price: 50 cents for current issue; all back issues 75 cents each. Foreign \$1.00.

Subscription Rates: WEEDS TREES AND TURF is mailed free, within the U.S. and possessions, to qualified persons engaged in the vegetation care industry and the related fields in our controlled circulation categories. Non-qualified subscriptions in the U.S. are \$7.00 per year. Canada and other countries, \$10.00 per year. Controlled circulation postage paid at Fostoria, Ohio 44830.

© The Harvest Publishing Company, 1968