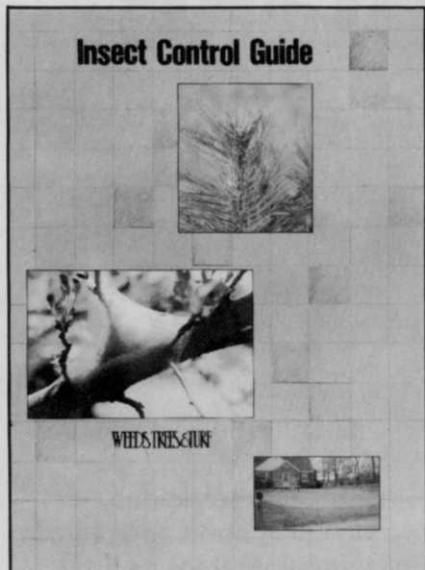




Cover: The idea of target golf is to lower maintenance costs, but some question if less fairway means less golfers. See story on page 20.

MAY 1983/VOL. 22, NO. 5



Landscape and turf insect control, see page 27.



Duke University's landscape program, see page 64.



Detroit area school district controls costs, see page 70.

## 20 Target Golf American Style

Golf course architects see target golf as a partial return to old style standards practiced in the Links Land. Superintendents don't see a big difference in maintenance costs and some owners worry about making their courses too hard.

## 27 1983 Insect Control Guide

The first edition of an annual project to prepare landscape managers for insect attack. Emphasis is on control by season of each major insect pest. Quiz yourself on insect recognition. Keep this magazine for reference this season.

## 60 Schools Wrestle Eroding budgets

Falling enrollment and increased demand for recreational fields have school landscape managers searching for ways to stretch their budgets. An equipment solution is hoped for by survey respondents.

## 64 Duke's Love Asks Student Support

Duke University Operations Manager David Love takes his case for sharp landscaping to students for support and coordination. A computer helps Love keep track of 900 acres, including the campus, a medical center, and a golf course.

## 70 From Buses to Baselines

Detroit area school district places all property management in the hands of a grandmother. Faye Bird uses old school buses to carry landscape equipment.

### DEPARTMENTS

Outlook	6
Green Industry News	10
Golf Update	12
Landscape Update	16
Government Update	18
Landscape Log	76
Problem Solvers	78
Events	80
Products	82
Classifieds	94
Advertiser Index	96

Robert L. Edgell, Chairman; Richard Moeller, President; Lars Fladmark, Executive Vice President; Arland Hirman, Treasurer; Thomas Greney, Senior Vice President; Ezra Pincus, Senior Vice President; Pat O'Rourke, Group Vice President; Joe Bilderbach, Vice President; James Gherna, Vice President; George Glenn, Vice President; Harry Ramaley, Vice President.

WEEDS TREES & TURF (ISSN 0043-1753) is published monthly by Harcourt Brace Jovanovich Publications. Corporate and Editorial offices: 7500 Old Oak Boulevard, Cleveland, Ohio 44130. Advertising Offices: 757 Third Avenue, New York, New York 10017, 111 East Wacker Drive, Chicago, Illinois 60601 and 3091 Maple Drive, Atlanta, Georgia 30305. Accounting, Advertising Production and Circulation offices: 1 East First Street, Duluth, Minnesota 55802. Subscription rates: \$16 per year in the United States; \$20 per year in Canada. All other countries: \$45 per year. Single copies (pre-paid only): \$2 in the U.S.; elsewhere \$4.50; add \$3.00 for shipping and handling per order. Second class postage paid at Duluth, Minnesota 55806 and additional mailing offices. Copyright © 1983 by Harcourt Brace Jovanovich, Inc. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher. Microfilm copies of articles are available through University Microfilm, International, 300 N. Zeeb Road, Ann Arbor, Michigan 48106.

POSTMASTER: Send address changes to WEEDS TREES & TURF, P.O. Box 6198, Duluth, Minnesota 55806-9898. A HARCOURT BRACE JOVANOVIICH PUBLICATION