

CONTENTS

OCTOBER 1978/VOL. 17, NO. 10

Bruce F. Shank
Editor

Ron Morris
Technical Editor

Robert Earley
Contributing Editor

Scott Scredon
Assistant Editor

Ray Gibson
Graphics Director

Hugh Chronister
Publisher

Richard J.W. Foster
General Manager

David J. Slaybaugh
Executive Editor

Dick Gore
National Sales Manager

Clarence Arnold
Research Services

Patricia J. Kelley
Production Manager



Copyright © 1978 by the Harvest Publishing Co., a subsidiary of Harcourt Brace Jovanovich, Inc. All rights reserved. No part of this publication may be transmitted or reproduced 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. Address: 9800 Detroit Ave., Cleveland, Ohio 44102. Single copy price \$1.25 for current and back issues. Foreign \$1.50. Subscription in the U.S. and Canada are \$12.00 per year. \$15.00 in other countries. Foreign air mail optional at an additional \$24 per year. Controlled circulation postage paid at Cleveland, Ohio 44101. Postmaster: send form 3569.

Member, American Business Press, Business Publications Audit, National Golf Foundation, American Sod Producers Association, National Landscape Association.



Viewpoint	8
Landscape Contractor News	10
Government News	12
People	14

GREEN INDUSTRY NEWS

Davey Tree Expert Agrees to Sell to Employees . . . Gravely Acquires Hahn . . . Symposium Set on Wastewater Irrigation . . . Number of Turf Graduates Increases in 1977 . . . Ransomes Acquires Wisconsin Marine . . . Contractors Top Billion Dollar Mark

FEATURES

Species, Soil, Location Affect Tree Fertilization

Ohio State University Professor Elton Smith discusses factors influencing tree fertilization needs. Determining fertilization rates and methods for tree species is included.16

Rain Tower Provides Facts About Mulches

A rain and slope simulator by University of California' Burgess Kay helps researchers compare the effectiveness of straw and prepared mulches for erosion control.22

Greenbug Damage Found on Kentucky Bluegrass

University of Illinois Turfgrass Specialists describe damage done by this member of the aphid family and how to control greenbugs after identification.26

PARK MANAGEMENT PROFILE

Parks are a bargain to taxpayers as shown in the industry survey results and two profiles of park systems in the U.S.29

Costs and Returns of Maryland Sod Production

The third and final article examining costs and income from sod producers in Maryland.47

Vegetation Management	56
Proscape	60
Products	62-65
Classifieds	66
Events	70
Advertiser Information	71