





and NEW 8' and 10' seeders

## are not FREE ....but almost!

The savings on seed alone will often pay for your Brillion landscape seeder in just a few days of use. And that's only the beginning.

A Brillion conditions the seedbed and seeds in one pass — without additional help, equipment, or operations. Its front rollers crush lumps, press down small stones, and pack the soil into a clod-free seedbed — exclusive brush agitators accurately meter out seed even at heavy seeding rates and the smaller rear wheels gently firm the moist earth around the seeds for fast, complete germination and healthier growth. The result: Lush carpets of lawn at half the conventional seeding rate.

So give yourself a Brillion landscape seeder -5'4'', 8' and 10' seeding widths. It pays for itself in a few days of use. Send coupon.



BRILLION IRON WORKS, INC. Dept. LS-59-5, Brillion, Wis, 54110
Please send information on:
<ul> <li>□ 5'4" Seeder</li> <li>□ New Smooth Roll Pulverizer</li> <li>□ New 8' Seeder</li> <li>□ Name of nearest Brillion dealer</li> </ul>
Name
Address
City
StateZip

## WEEDS TREES and TURF

May 1966 Volume 5, No. 5

## Features:

How to Diagnose Tree Diseases By Dr. P. P. Pirone and Dr. Robert S. Halliwell	14
Plants Need Minor Elements By Vernon W. Olney	18
Can Herbicides Be Effectively Impregnated Into Asphalt? By William J. Bowmer and Wayne G. McCully	22
Faulty Construction Is Cause of Problems in Athletic Turf Duich Tells Minnesota Turf Management Short Course By Josephine B. Nelson	24
Performance of Bluegrass Varieties Clipped at Two Heights By A. G. Law	26
What Good Is a Sod Growers Association? By Robert M. Warren	32

## Departments:

Editorial: We Wonder at the Wisdom
WT&T Mailbox10
Know Your Species: Witchgrass
Meeting Dates
Classified Ads44
Advertisers Index
Trimmings

JAMES A. NELSON Editor and Publisher

MICHAEL I. LAH, JR. Production Manager

D. BUNKIN Circulation Supervisor Advertising Representatives National Headquarters 1900 Euclid Avenue Cleveland, Ohio 44115 Phone: Area Code 216<sup>+</sup>771-4169

Chicago 60601 Peck & Billingslea, Inc. 185 North Wabash Ave., Suite 1809 Phone: 312+DEarborn 2-0292-93

> New York City 10017 Billingslea & Ficke 420 Lexington Avenue Phone: 212+532-1632

WEEDS TREES AND TURF is published monthly by Trade Magazines. Inc. Executive, editorial, and advertising offices: 1900 Euclid Ave., Cleveland, Ohio 44115. Publication office: Corner of East North St. and Cadwallader St., Fostoria, Ohio. Send all correspondence to WEEDS TREES AND TURF, 1900 Euclid Ave., Cleveland, Ohio 44115. Single Copy Price: 50 cents for current issue; all back issues 75 cents each. Foreign \$1.00. Subscription Rates: U.S. and possessions, 1 year \$3.00; 2 years \$5.00. All other foreign subscriptions, 1 year \$4.00; 2 years \$7.00. Change of Address: Three weeks advance notice is necessary for change of address. Both old and new address must be given. Post Office will not forward copies. Third Class postage is paid at Fostoria, Ohio.

Contents of this Issue © Trade Magazines, Inc., 1966