



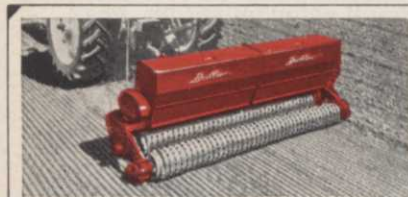
# Introducing the NEW TURF-MAKER

— the most precise grass seeder made

Brillion's new Turf-Maker is for you — if you want to seed the finest grass seeds and lawn mixtures with miserly accuracy over large areas. It crushes, seeds and rolls in one pass—enables one man to seed up to 50 acres per day without extra help, equipment or seedbed conditioning.

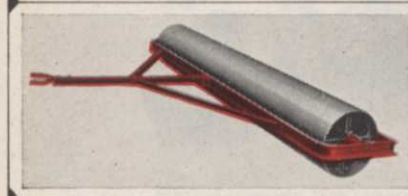
Turf-Maker gives you exclusive Micro-Meter adjustment for an infinite range of seed settings — Brillion fluted rolls, the most accurate seeding mechanism known — and the unique reversible sprockets for a dual range of rate settings. The results: Full, thick stands at up to 50% seed savings over conventional methods. It's the best for sod seeding.

You can order Turf-Maker in 8' and 10' seeding widths. Options include transport wheels for both sizes and 3-point Category II pick-up for the 8' model. Seed better — save more with Brillion. Mail coupon.



### LANDSCAPE SEEDERS

— 3 sizes for heavy seeding rates — 5'4", 8' and 10'. Drawbar and 5'4" and 8' pick-up models.



### SMOOTH ROLLERS

— for smoothening humps and winter heaves in established turf. Single and triple gang models, 9' to 20' widths.

Landscape Tools with a Future — for You!

#### BRILLION IRON WORKS, INC.

Dept. LS-59-3, Brillion, Wisconsin 54110

Please send me information on the following:

- New Turf-Maker                       Smooth Rollers  
 Landscape Seeders                     Name of nearest Brillion dealer

Name.....

Address.....

City.....State.....Zip.....

LS-98

## Insect Report

WTT's compilation of insect problems occurring in turfgrasses, trees, and ornamentals throughout the country.

### Turf Insects

#### APHIDS

(*Aphis* spp.)

**Arizona:** Heavy in spots in Bermudagrass seed fields at Yuma Valley, Yuma County.

#### A BILLBUG

(*Sphenophorus phoeniciensis*)

**Arizona:** Adults light in uprooted Bermudagrass sod at Phoenix, Arizona, Maricopa County.

#### RHODES-GRASS SCALE

(*Antonina graminis*)

**Arizona:** Moderate in crowns of Bermudagrass on many properties in Phoenix, Maricopa County.

#### A SNAIL

(*Rumina decollata*)

**Arizona:** Feeding on dichondra lawn at residence in northwest Phoenix, Maricopa County.

### Insects of Ornamentals

#### A CONIFER APHID

(*Cinara tujafilina*)

**Alabama:** Moderate to heavy on several 4- to 6-foot arborvitae planting; honeydew heavy.

#### AN ERIOPHYID MITE

(*Calacarus adornatus*)

**Alabama:** Light on numerous camellia plants in central area; up to 100+ per leaf damaging few plants.

#### HEMISPHERICAL SCALE

(*Saissetia coffeae*)

**Florida:** All stages severe on 3,000 coontie plants, *Zamia floridana*, at Tampa, Hillsborough County.

#### A PIT SCALE

(*Cerococcus dekleyi*)

**Florida:** Adults severe on stems of 342 of 427 hibiscus plants at nursery in Miami, Dade County.

#### A SOFT SCALE

(*Ehrhornia cupressi*)

**California:** Moderate on juniper nursery stock in Sunland, Los Angeles County.

#### CUBAN-LAUREL THRIPS

(*Gynaikothrips ficorum*)

**California:** Moderate on *Ficus retusa* in San Francisco, San Francisco County, for a new county record. This is most northern find in State.

### Tree Insects

#### BARK BEETLES

(*Dendroctonus terebrans*)

**Alabama:** Adults and larvae inactive, 1-10 per tree, under bark of twenty 10 to 25-year-old loblolly and shortleaf pines at Lee County home. **Texas:** Total of 330 *D. terebrans*-infested trees treated in Davy Crockett and Angelina National Forests October through December. *D. frontalis* decreased to negligible level October through December. Total of 31 multiple-tree spots found over 4.5 million acres during detection flights in October. Total of 66 infestations involving 4,531 trees controlled by mid-November. *D. brevicomis* light in ponderosa pine stand in western area in October through December. *Ips avulsus*, *I. grandicollis*, and *I. calligraphus* activity continued heavy October through December. Losses heaviest in southeastern area; up to 25 percent tree mortality in localized areas.

Compiled from information furnished by the U. S. Department of Agriculture, university staffs, and WTT readers. Turf and tree specialists are urged to send reports of insect problems noted in their areas to: Insect Reports, WEEDS TREES AND TURF, 1900 Euclid Ave., Cleveland, Ohio 44115.