



Ryan Jr. Sod Cutter works fast. Cuts sod clean and even, 12" wide, up to 2½" thick.

Low-cost Ryan cuts 11 sq. yds. of perfect sod per minute

Rugged and easy-to-use, a low-cost Ryan Jr. Sod Cutter has become a "must-have" tool for anyone working with turf. Propels itself, maneuvers easily, gives you up to 11 sq. yds. of perfect sod per minute.

Does many jobs. Strips dead sod, cuts fresh replacement sod fast. Optional blades available for laying flexible pipe (see photo below), edging, tilling, stripping, etc.



New "Mole" Blade attachment pulls flexible pipe, tubing or cable underground and continuously lays it at a depth adjustable to 7". One-man method is fast, economical, almost invisible. Ideal for installing sprinkling systems, gas lines, telephone cables.

WRITE for illustrated literature on the full line of Ryan Turf Equipment . . . golf-course-proved, golf-course-approved. Aerators, Renovators, Vertical Mowers, Spreaders, Vibratory Rollers, Sod Cutters and Sod Rollers. Get details today!



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patibility" will be discussed by R. B. Beck, general superintendent, Southern California Edison Company, Los Angeles, Calif.

The executive director of the ISTC, Dr. L. C. Chadwick, will moderate a discussion on "Shade Tree Supplies—Quantities Available In The Years Ahead." An innovation at this year's convention is called "Slide Parade—Gripes and Brags." Any member may show up to six slides on any subject.

Dr. L. C. Chadwick Retires From University Post In '67

Dr. L. C. Chadwick, head of the Division of Floriculture and Ornamental Horticulture at The Ohio State University, Columbus, O., retires beginning next month. WTT is happy to honor him with his appearance on the special ISTC issue cover. He serves as executive director of the ISTC.

Dr. Chadwick, or "Chad" as he is known, is a native of Vermont with a B.S. from the University of Vermont. He served as an instructor at Cornell until 1929 when he became a staff member at The Ohio State University. His doctorate was granted by Cornell in 1931.

During his tenure at The Ohio State University, he served in a dual capacity with O.S.U. and with the Ohio Agricultural Research and Development Center at Wooster, O. The Center, formerly the Ohio Agricultural Experiment Station, operates as the research arm in agriculture for Ohio, and is an independent entity.

Through the years Dr. Chadwick has become well known for his ornamental tree and other research including selection and use of wood plant materials, arboriculture, plant propagation and nursery management. He is a member of numerous societies in his field and is active in civic groups as well. He has co-authored two books with Professor Alex Laurie, also of O.S.U., and has published numerous bulletins and papers in his field. Among his many honors is the

ISTC award of merit, given in 1963. This award was based on his service and leadership in the organization and his interest in the field. The same year, the American Horticultural Society presented him its citation award for more than 30 years' service as teacher and researcher in ornamental horticulture, and for service to arborists of the nation and assistance in the affairs of their organizations. In his adopted home state, the Ohio Nurserymen's Association early this year established the L. C. Chadwick Memorial Research Fund at O.S.U. in his honor.

Thrips Foiled By New Chemicals

Thrip damage which has attacked the popular Cuban laurel, or laurel fig, ornamental tree for the past 7 years can now be alleviated.

Cygon, federally approved as a drench on ornamental trees, has proved almost 100% effective in killing the insects. A solution is applied by drenching soil around the base of the tree trunk. Chemical soaks into the ground and is taken up by roots to become a part of the sap system of the tree. Thrips feeding on leaves are killed. Treatment, according to University of California researchers at Riverside, Calif., will last 160 days. Children and pets must be protected from treated areas until the surface is dry.

Equally effective chemicals are Meta-Systox-R and Ambush; however, these have not as yet received federal approval.

Cuban laurel is a southland ornamental which resists smog and dust and which has been very popular in California. Prior to 1959, it suffered little or no damage from pests. Then thrips began attacking the trees as far north as San Mateo County in California.

A research team of Andrew S. Deal, extension entomologist, and William R. Bowen, research technician, aided by Wesley A. Humphrey, Orange County, and Jack L. Bivins, Santa Barbara County, tested the new systemic compounds throughout the area.