

Turf Maintenance, Renovation Guide Available from Ryan

A compact and convenient guide to equipment for turf maintenance and renovation is now available from Ryan Landscaping Equipment Co. Brochure also features recommended procedures for professional lawn care.

Included in the Ryan line of specialized, heavy-duty turf equipment is the firm's new Motoraire, now available in two models. Operating under normal conditions, the Motoraire will core and aerate more than 10,000 sq. ft. per hour, the firm claims. Hollow tempered steel tines eject sharp, uniform soil cores, according to Ryan, and specially engineered spring-action mounting prevents tearing turf, taking all cores at right angles on 6" centers.

Controlled aeration holds water and fertilizer while promoting deeper root growth, to build thicker, healthier turf.

To complete preparations for high-quality turf, Ryan recommends following Motoraire treatment, which eliminates compaction, with the company's Ren-O-Thin, which removes thatch and thins dense turf.

Ren-O-Thin slices turf smoothly and evenly, Ryan claims, and has a positive-acting depth selector and wide variety of reel assemblies. Machine lifts out thatch at set depth and controls running stem grasses. Slicing allows air, moisture, and fertilizer to reach root systems for even, vigorous turf growth.

Center roller on the Ren-O-Thin prevents scalping, Ryan reports,



Ruggedly built, lightweight Ren-O-Thin, from Ryan Landscaping Equipment Co., has specially shaped knives to remove thatch, thin dense turf.



Ryan's Motoraire is equipped with a 3 hp., recoil starter engine, and features a roller chain, V-belt drive. Self-cleaning 1/2" hollow tempered steel tines eliminate compaction.

and machine also has a snap-out handle that mounts on either end for forward or reverse reel application.

For a more complete guide to expert turf renovation and maintenance, write to Ryan Landscaping Equipment Co., 871 Edgerton St., St. Paul 1, Minn., and ask for the firm's illustrated brochure on turf equipment. The 6-page bulletin, with specifications on each of Ryan's products, is available without cost to all contract applicators.

Okay Thiodan for Tree Pests

Thiodan insecticide, a product of Niagara Chemical Div., FMC, has been granted U.S. Department of Agriculture registration for use in controlling aphids on shade trees and Taxus bud mites on Taxus.

New registration marks the initial use of Thiodan on shade trees, although the chemical has been registered for control of aphids, whiteflies, and cycloids on ornamentals for some time, Niagara reports.

Many other shade tree and ornamental uses for Thiodan have appeared promising in field and laboratory tests, and are expected to become commercial in the near future, according to Niagara.

Recommendations for use of Thiodan on both shade trees (for aphids) and Taxus (for Taxus bud mites) call for 0.5 lbs. actual chemical per 100 gallons of water. Either the wettable powder or emulsifiable concentrate forms can be used, the manufacturer notes.

For more information on Thiodan, write Niagara Chemical Div., FMC Corp., 100 Niagara St., Middleport, N.Y.

Nitrogen Aids Turf Growth

"Turf demands more nitrogen than any other 'crop' because of its rugged conditions of existence," Dr. Victor Younger, turf expert from the University of California in Los Angeles, told delegates to the recent meeting of the California Fertilizer Conference.

"Grasses are subject to regular and frequent defoliation, through mowing; they have almost constant traffic, which damages plant tissue and compacts soil; and the unusual amount of water they're given washes minerals down through the soil," Dr. Younger revealed.

To combat these conditions, he recommended spring and fall application of a complete fertilizer, at 4 lbs. of nitrogen for each pound of phosphorus and potash (a 4:1:1 ratio). "During the rest of the year a simple nitrogen material may be used," Dr. Younger added.



Full-time secretary of the Southern California Turfgrass Council is Mrs. Marie Trowbridge, former secretary for the Equipment and Materials Educational Exposition.

Calif. Council Has Secretary

"Service and educational activities of the Southern California Turfgrass Council have progressed so far that a full-time, professional secretary has become mandatory," the Council, P. O. Box 102, Mira Loma, Calif., announced recently.

New secretary, Mrs. Marie Trowbridge, will coordinate the many new services and educational projects of the Council. Mrs. Trowbridge was formerly secretary of the Equipment and Materials Educational Exposition, sponsored by the Council in association with the University of California Agricultural Extension Service.