

## Elanco Field Tests New Pre-Plant Herbicides

Elanco Products Company, Indianapolis, Ind., has field tested a new method for applying Treflan and Balan to cut operational costs. It consists of utilizing a dry bulk fertilizer which has been impregnated or coated with one of these two pre-plant herbicides.

Field tests conducted by fertilizer companies in cooperation with Elanco utilizing these fertilizer-herbicide combinations have demonstrated weed control results equal to the application of Treflan and Balan in water.

Any blending system which will assure uniform distribution of the herbicides onto the fertilizer can be utilized. This coating process has been accomplished successfully with closed drums, mixers and ribbon blenders.

All label recommendations for Treflan and Balan regarding rates of application per acre, incorporation, approved crops, other label directions and cautions apply and must be followed. In addition, bulk fertilizers coated with Treflan or Balan must be applied immediately.

The recommended rates of Treflan or Balan per acre must be applied on the fertilizer mixture, which in turn will be applied at a rate between a minimum of 250 pounds per acre and a maximum of 450 pounds per acre.

Fertilizer blends containing limestone or urea should not be used. An approved list of dry fertilizer ingredients is available from bulk fertilizer suppliers.

## New Brochure

A new brochure, "Planning A Golf Course?" has just been released by the Golf Course Builders of America.

The leaflet, designed especially for persons or organizations contemplating construction of a golf course, identifies the national sources for information about the golf industry and course construction. It also highlights prospective golf course owners should consider before starting construction.

The publication is available at no cost by writing Golf Course Builders of America, 632 Shoreham Building, Washington, D.C. 20005.

**WEEDS TREES and TURF  
for March  
Weed Control Issue**

## Helicopters Fertilize 60,000 Acres of Trees

Among the most extensive short-term fertilizer applications was recently completed on 60,000 acres of trees in Oregon.

Evergreen Helicopters, Inc., applied more than 10,000 tons of granular fertilizer near Eugene, and near Longview, Centralia, and Raymond, Wash. The job was done for the Weyerhaeuser Company as part of its timber management program.

About 90 percent of the trees were Douglas fir and the balance were nelmlock, all from 25 to 80 years of age.

Carl Milko operations manager said the first 50,000 acres were covered in about 30 working days this fall using four helicopters — one in each area—and Evergreen's own patented underslung distribution systems. The final portion of the job was done by a single helicopter during November.

Flying hours reached a maximum of seven per day, depending on factors such as winds, fog and rain. Rate of fertilization, with all four copters in operation, was as high as 35 tons per hour. Much of the area covered in the operation is terrain that would greatly reduce the mobility of ground crews.

Evergreen's dispersal units carry about 3,200 pounds of fertilizer per trip and have a gross weight of approximately 4,000 pounds, easily accommodated by the medium-size turbine 205A's. Each system is driven by a Volkswagen engine and is electrically controlled from the helicopter cockpit.

Weyerhaeuser has three helicopters of its own, but the company periodically contracts with commercial operators for sizeable numbers of additional units for its continuing research programs to improve survivability and yield of timberlands.

## New Owner For Jari Sickle Mower Line

The Year-A-Round Cab Corporation, Mankato, Minn., has announced that, as new owner, parts as well as new equipment will be ready to Jari sickle mower users.

The company recently purchased the line and will manufacture two models with sickle sizes ranging from 16 to 60 inches.

## 1972 Turf and Landscape Horticulture Institute

The University of California Agricultural Extension Service and the Southern California Turfgrass Council, in cooperation with other environmental landscape organizations, will present the 1972 Turf and Landscape Horticulture Institute on March 21 and 22, 1972. It will be at the University of California Irvine Campus.

The two-day Institute (formerly known as the May Turfgrass Institute) is an educational event designed for landscape architects of turfgrass and other ornamental plant material.

The Institute will feature well-known speakers who have made a valuable contribution to the environmental landscape industry.

Further details regarding this major educational event can be obtained by directing your inquiry to Dr. Victor A. Gibeault, Extension Turf and Landscape Horticulture Specialist, 1145 Batchelor Hall, University of California, Riverside, Calif. 92502.

## Republic Rubber Drops Some Product Lines

The Republic Rubber Division of Aeroquip Corporation at Youngstown, Ohio, has announced that it will discontinue a number of product lines.

Lloyd C. Preston, vice president and general manager of the division, stated that present economic conditions have aggravated the competitive situation on certain marginal lines. The products to be discontinued include conveyor and transmission belting, sheet packing, and some types of hose. Manufacture of these products will be phased out during the first quarter of 1972, Preston said.

He explained that high costs and the inability to obtain price relief because of the competitive situation led to the decision to drop the product lines. Age and condition of the production facilities were also contributing factors.

Discontinuing these marginal lines, Preston added, will permit the division to devote more resources and management direction to the major product lines. Republic will continue to manufacture horizontal braided and loomed hoses, molded rubber goods, and lathe cut rubber products.