

WEEDS TREES and TURF[®]

Volume 11, No. 5

May, 1972

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The Public Relations of Public Spraying 12

With spring spraying programs underway in the southern states and getting started elsewhere, Jim Hansen of Dow Chemical Company discusses the angle of communicating with the public before a potential problem arises. He outlines problem areas that spray applicators need to review.

Ultraviolet Light Helps Decode Ryegrass Species 14

Development of perennial ryegrass species has created enthusiasm in the turfgrass industry. By subjecting seedling ryegrass to black or ultraviolet light officials can determine whether undesirable annual ryegrass is present. Authors Richard H. Bailey, Dr. Henry W. Indyk, Dr. C. Reed Funk, E. E. Martin, and C. R. Edwards present the importance of fluorescence as it relates to their individual vocations.

Slow Release Herbicides 16

Here's a new view in aquatic weed control that is gaining attention due to ecology minded individuals. N. F. Cardarelli of Creative Biological Laboratory advocates a chronic dose of herbicides applied through a slow release matrix as opposed to an acute dose.

Turfgrass Retardation With Chemicals 18

While chemical growth retardants have been used in agriculture and along long stretches of highways for several years, their use on turfgrass has been limited. D. M. Elkins, associate professor of Plant Industries, Southern Illinois University, reports on his tests with 19 different growth retardants applied to tall fescue, several varieties of Kentucky bluegrass, zoysia, bermuda, perennial ryegrass and several grass mixtures.

Injection System Keeps Nematodes In Check 20

Under intensified management, nematodes can become a costly problem. This article reports on a different application technique — injection. A little ingenuity and time was all that Jack Russell, Soil Fumigants Inc., needed to get a business started.

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The Cover

Utility rights-of-ways must be maintained to keep unwanted vegetation from encroaching on high-investment power lines. Spraying these areas with chemical protectants will keep vegetation under control. Keeping the public informed about the need for weed and brush control can be an important step in getting the job done. This month's cover ties closely with the article "The Public Relations of Public Spraying" that appears on page 12.

WEEDS TREES and TURF is published monthly by The Harvest Publishing Company, subsidiary of Harcourt Brace Jovanovich, Inc. Executive, editorial headquarters: 9800 Detroit Ave., Cleveland, Ohio 44102.

Single Copy Price: \$1.00 for current and all back issues. Foreign \$1.50.

Subscription Rates: WEEDS TREES AND TURF is mailed free, within the U.S. and possessions and Canada, to qualified persons engaged in the vegetation care industry and related fields in controlled circulation categories. Non-qualified subscriptions in the U.S. and Canada are \$10.00 per year; other countries, \$12.00 per year. Controlled circulation postage paid at Fostoria, Ohio 44830.

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