

WEEDS TREES and TURF

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James A. Sample
Editor

Hugh Chronister
President

Arthur V. Edwards
Publisher

D. D. Langley
Director of Circulation

ADVERTISING SERVICES

Eric Lindsay
Advertising Production Manager
9800 Detroit Ave.,
Cleveland, Ohio 44102
Tel. 216+651-5500

ADVERTISING SALES OFFICES

Headquarters
Cleveland, Ohio 44102
9800 Detroit Ave./216+651-5500
Ext. 27

Chicago, Illinois 60601
333 N. Michigan Ave./312+236-9425
John Kiehl

New York, New York 10017
757 Third Ave./212+421-1350
Russell Bandy

Los Angeles, California 90005
The Eschen Company
3142 Wilshire Blvd./213+382-8391
Henry Eschen

San Francisco, California 94104
The Eschen Company
57 Post St./415+781-7440
Rod MacDonald

Aquatic Weed History—Century Old Problem 12

Aquatic weeds have plagued southern waterways during the past 100 years. Julian J. Raynes of the Army Corps of Engineers reviews this interesting history highlighted by progress and failure along every nautical mile.

Modern Biocides—A New Dimension To Water's Complex Environment 14

Without chemicals water is a sterile environment and is unable to support many beneficial uses. Dr. Charles R. Walker, chief, branch of pest control research, division of fishery research, discusses the complexity of water and the critical relationship which exists among aquatic plants and fish.

How We Reduced Drift With Aquatic Herbicides 16

A first-hand report on the performance of Directa-Spra, Amchem's new spraying system. Vernon Meyers of the Florida game and fresh water fish commission reviews his aquatic herbicide trials using the Directa-Spray system.

Even In Las Vegas—You Can't Gamble With Turf 18

Read how golf superintendent Jim Connally combines management skill and basic golf course knowledge to make the Desert Inn Country Club one of the top courses in the nation.

Florida's \$2.8 Million Aquatic Plant Research And Control Program ... 20

Aquatic plant control is big business in Florida. Dr. Alva P. Burkhalter, coordinator, aquatic plant research and control, department of natural resources, reports on the program that combines research, matching funds and control to rid the State of noxious aquatic weeds.

Aquatic Herbicides—New Possibilities 26

Although development has been somewhat curtailed, new herbicides and new uses for established herbicides show promise in controlling aquatic plants. Dr. Robert C. Hiltibran of the Illinois Natural History Survey presents his findings on these candidates.

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The Cover

The Aquatic Weed Patrol in action. Winding his way through a channel in one of Louisiana's natural fresh water lakes, Floyd Reeves, Louisiana Wildlife and Fisheries Commission is prepared to spend a day spraying aquatic weeds. Typical of this operation, applicators commonly use small boats or airboats to apply chemicals.

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