

DURSBAN INSECTICIDE

Bug off mosquitos, Dow Mosquito Fogging Concentrate is here.

If mosquito control is the problem, chances are Dow Mosquito Fogging Concentrate is the solution. Check the advantages: Recommended for use in thermal or cold fog ground application units. Effective at very low rates thus eliminating excessive refills. Controls many species of mosquitos, including those tolerant to malathion. Also, it doesn't corrode equipment or damage paint when used as directed. All of

which make Dow Mosquito Fogging Concentrate the choice of mosquito abatement districts and professional park and ground maintenance men everywhere. Dow Mosquito Fogging Concentrate. Bad news for mosquitos. Good news for you. Just remember to read and follow all precautions on the label. Ag-Organics Department, Midland, Michigan 48640.



DOW CHEMICAL U.S.A.

*Trademark of The Dow Chemical Company



It's the professional's professional from Dow.

But what if it doesn't rain?

Rainclouds. Beautiful. Unpredictable. And hardly ever there when you really need them.

And then there's Rain Bird. Rain Bird sprinkler heads, valves, controllers and accessories that are in the full-time business of supplying water — where and when you want it.

Since we invented the impact sprinkler over forty years ago, it should come as no surprise *we make more sprinkler system components than anyone else.* For agriculture. For golf courses. For parks and gardens and residential lawns.

Everyone talks about the weather. We help you do something about it. We put rain under your control. To keep things green and growing.

RAIN BIRD®
SPRINKLERS
Glendora, California 91740



For More Details On Preceding Page Circle (108) On Reply Card

For More Details Circle (106) on Reply Card



You're looking at the most effective arsenal ever assembled to protect your turf.

With this formidable array of armament on your side, you have a broad spectrum turf management program that can ward off just about any attack.

And you can manage it all with surprising economy. Chipco products protect the green of your turf without straining the green in your budget.

Just try any one of them, and you'll want the entire arsenal. Because once you use a Chipco anything, you'll soon be using Chipco everything else.

Chipco Buctril® gives early control of broadleaf weeds in newly planted grasses for sod or seed production.

Chipco Turf Herbicide MCPP controls clover, chickweed, knotweed and other surface creeping weeds and is safe and effective for use on most bent grasses.

Chipco Turf Kleen is a broad spectrum herbicide that controls broadleaf and surface creeping weeds with a wide margin of safety around trees and shrubs.

Chipco Spot Kleen is a systemic fungicide for control of dollar spot, Fusarium blight, stripe smut, large brown patch and copper spot.

Chipco Thiram 75 prevents and controls snow mold, large brown patch and dollar spot. Used with Spot Kleen, it offers a complete disease control program.

Chipco Microgreen Liquid provides micronutrients to your turf which results in long lasting deep green color, more root growth and less desiccation.

Chipco Turf Herbicide D is a general purpose broadleaf herbicide ideally suited where economical control is desired.

Chipco Spreader Activator is a superior adjuvant to increase the efficiency and effectiveness of turf chemicals.

Chipco Crab Kleen gives economical and selective post-emergence control of crab grass, chickweed and other grassy weeds in established turf.



Rhodia Inc., Agricultural Division, Somerset, New Jersey 08873

For More Details Circle (138) on Reply Card

WEEDS TREES & TURF®

April 1975, Vol. 14, No. 4

14 Turf Disease Shutout — Dodgertown superintendent Bill Moolenaar controls turf disease with a rigid chemical maintenance schedule. He supervises maintenance on two golf courses, three baseball diamonds and various other training and recreation facilities.

16 Southern Superintendents Discuss Success, Planning — The Southern Turfgrass Association held their annual meeting in Memphis, Tenn. Attendance figured low but spirits were high. Here's a report on what happened.

19 Fertilizer Outlook: 1975 — Hercules' George Osburn takes a look at fertilizer supplies for the upcoming season. He predicts shortages but feels supplies sufficient to meet market demand.

1975 SPECIAL CHAIN SAW SECTION

45 Proper Handling For Chain Saw Safety — To those unfamiliar with chain saw operation, it may seem an easy tool to operate. It is, if you know the basic factors of chain saw operation.

46 A Maintenance Schedule for Cost Cutting — Depending on how you care for it, a chain saw can be either a very expensive or a relatively inexpensive tool to maintain. Dave Kirby, McCulloch Corp., outlines tips for long, reliable use.

49 The Lightweights: Little Saws for Big Jobs — The casual user may not need a pro-model chain saw. Here are a few of the considerations to keep in mind when buying a chain saw to fit your needs.

53 10 Steps to Improved Cutting — Frank McDonald, Pioneer product manager, lists 10 easy steps for properly filing and jointing the chain on your chain saw.

Editorial	8	People on the Move	32
Government News/Business	13	New Products	64
Meeting Dates	24	Classifieds	65
Commercial Sod Industry	27	Advertisers	65
Industry News and Newsmakers	30	Trimmings	66

Copyright© 1975 by The Harvest Publishing Company

Member, American Business Press,
Business Publications Audit



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 Cleveland, Ohio 44101.

THE COVER — Spring has arrived. And the National League Champion Los Angeles Dodgers play their first intersquad exhibition game of the year, providing Vero Beach, Fla., residents and tourists with their first real preview of the team in action.

PUBLISHED MONTHLY BY
THE HARVEST PUBLISHING CO.
9800 Detroit Ave.
Cleveland, Ohio 44102
(216) 651-5500

HUGH CHRONISTER
PRESIDENT

ARTHUR V. EDWARDS
PUBLISHER

LEO NIST
SENIOR VICE PRESIDENT

WILLIAM CUNNINGHAM
VICE PRESIDENT, TREASURER

EDITORIAL

DONALD D. MILLER
EDITORIAL DIRECTOR

ROGER E. YOUNT
ASSOCIATE EDITOR

JEAN A. ROHRER
ASSISTANT EDITOR

CIRCULATION

GILBERT HUNTER
VICE PRESIDENT CIRCULATION

DONALD D. LANGLEY
DIRECTOR OF CIRCULATION

PRODUCTION

PAUL BALTIMORE
DIRECTOR OF OPERATIONS

DARRELL GILBERT
ADVERTISING PRODUCTION MANAGER
9800 Detroit Ave.
Cleveland, Ohio 44102
(216) 651-5500

ADVERTISING

HEADQUARTERS:
9800 Detroit Ave.
Cleveland, Ohio 44102
(216) 651-5500

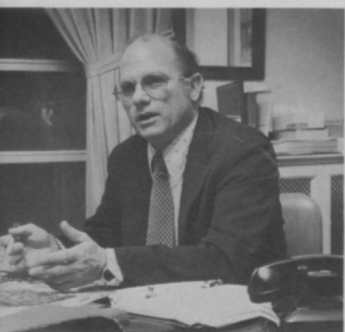
JEAN NEUENDORF
EXECUTIVE ASSISTANT

DOROTHY LOWE
CLASSIFIED ADVERTISING MANAGER

RICHARD H. SWANK
REGIONAL MANAGER
9800 Detroit Ave.
Cleveland, Ohio 44102
(216) 651-5500

RUSSELL B. BANDY
REGIONAL MANAGER
757 Third Avenue
New York, N.Y. 10017
(212) 421-1350

Take Away Spray Worries. Add Exhalt 800.



"Our members expect the course to be in top playing shape at all times. This year, I made no changes except for adding Exhalt 800 to our regular sprays. That change made a real difference. Hard-to-maintain places are in better condition; in fact, so are all greens and fairways. I'll continue using Exhalt 800. I'm convinced."

Robert DePencier, Golf Course Supt.
Westchester Country Club Rye, N.Y.



"Two years ago, I began testing Exhalt 800 with my fungicide sprays. The results were so conclusive—in a period of severe disease pressures on healthy turf—that I now include it in my regular spray applications. Our greens and fairways never looked better or played as well."

Ronald C. Boydston, Golf Course Supt.
Rockland Country Club Sparkill, N.Y.

Your pesticide keeps working longer, when you add Exhalt 800 Sticker Extender to the solution.

Even if it rains after only an hour!

Each particle of the pesticide is encapsulated. Held in contact with each leaf, where it can continue to do its job. It even flexes as the grass grows, to give you better protection. For a longer time.

There's another benefit as well. By giving you longer control periods with your pesticide, we help give you better control over your budget. No need to re-spray after an unexpected shower.

Easy to use. Mix 1 pint per 100 gallons of pesticide solution.

Easy to clean. Rinse equipment with water while it is still wet. Residue won't damage equipment or clog it when next used.

Exhalt 800. The Sticker-Extender that gives you Protection-Plus. Minus worry.

Exhalt800TM
Sticker-Extender

For More Details Circle (107) on Reply Card

Editorial

Water quality management within a very few years promises to become the new opportunity for custom service operators in the green industry. We've seen custom lawn care arrive in a big way, and its growth continue.

Management of water impoundments will require custom service from pesticide applicators — all of whom are slated to be certified and/or licensed by late next year. Inasmuch as water quality management will likely continue to require some form of chemicals for effectiveness, this green industry group of custom pesticide applicators will become responsible for filling this need.

Management of water impoundments to maintain quality will be far more important than conservation, if the job is accomplished. Shortages will exist only if pollution from organic and inorganic wastes are allowed to contaminate more than the one percent of the world's water which is potable.

Impoundments are already important in our industry in (1) home developments, (2) golf courses, (3) parks, (4) potable supplies for municipal use, (5) irrigation, (6) industrial use and others.

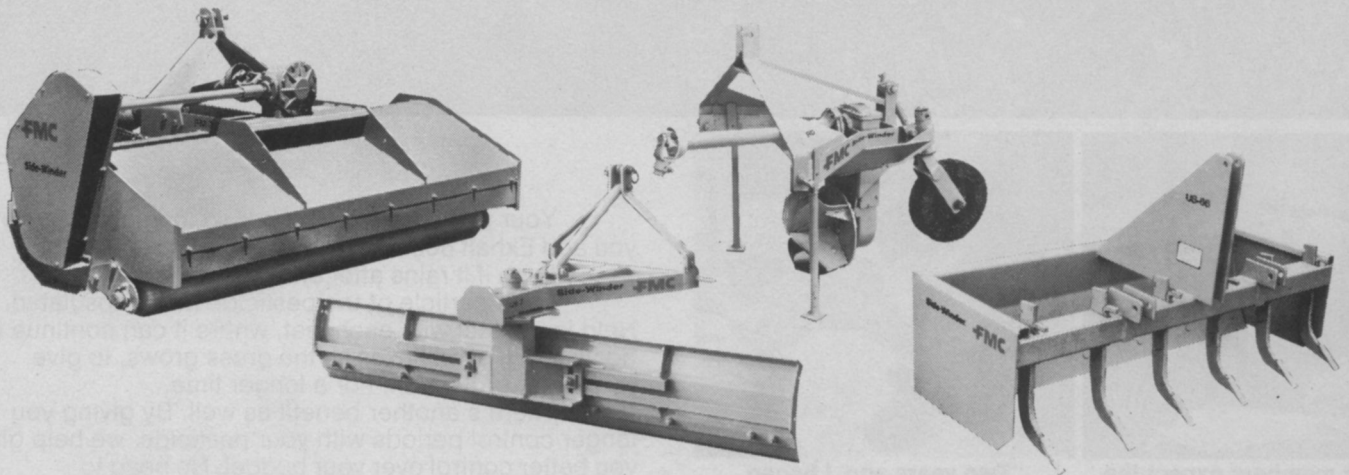
Not only does public consciousness of environmental quality demand clean water, but property values, recreation use, water for industry, and most important, water for human consumption, depends on careful management.

The green industry needs to face this major challenge. More attention needs to be given to water quality management in the various turfgrass conferences, weed control meetings, and others of like nature.

Today, only a few technicians and scientists serving the industry have the knowledge and experience to do this job. Only one major association, the Hyacinth Control Society for control of noxious aquatic weeds (and shortly to be renamed the Aquatic Plant Management Society on January 1, 1976) devotes almost 100% of its effort to programs aimed at keeping water clean.

Inland water impoundments, especially, are experiencing water problems and responsible people are recognizing them. We, as an industry who will inherit the custom management business, need to upgrade our capability. A.E.

Four more from the same people who build the world's toughest rotary cutter...



Side-Winder® flail mowers, blades, rotary ditchers and box scrapers come from the same people who produce the famous pneumatic-drive cutter. The same engineers and production craftsmen design and build equipment for grass and land maintenance. We measure the quality of our products by job performance and working durability. We invite you to do the same. Contact: FMC Corporation Agricultural Machinery Division Box 818 Minden, Louisiana 71055

FMC Agricultural Machinery

When the HEAT'S on



Penncross Bentgrass
green at a desert course
in Southern California

PENNCROSS can take it CREEPING BENTGRASS

THE PROOF IS IN THE PUTTING

- Today's most popular, widely adapted variety
- More genetically uniform and poa-free seed
- Germinates fast, establishes quicker, thicker
- Superbly consistent, less grain for true putts
- Greens up earlier, hold summer color better
- Stays alive longer in fall—year 'round in South
- Most winterhardy, disease-resistant bent available.

"Penncross Greens
putt true & their
even texture
gives me
confidence
in putting."

*Patuk C.
Fitzsimons*



Pat Fitzsimons in winning the Glen Campbell Los Angeles Open at Riviera CC, Calif., Feb. 20-23, set a new course record of 64 for a single round and tied Ben Hogan's course record for this event. Fitz previously tied the world record score of 58 on the 6,000 yard course at Salem Golf Club, Salem, Ore.



WORLD-WIDE DISTRIBUTOR
TEE-2-GREEN CORP.

1212 West Eighth Street
Kansas City, Missouri 64101
(816) 842-7825



We'll put our weed control crew