



Good Neighbors

...when **SEVIN**[®] insecticide is used
CARBARYL INSECTICIDE

The problem of insecticide residues...

has continued to perplex property owners and commercial operators who control insect pests of turf and plants. *Now many of these worries vanish* for growers who use the modern, proved SEVIN[®] carbaryl insecticide to control any of 160 insect pests that attack turf and other ornamental and crop plants.

Safer to handle...

than many other insecticides, SEVIN is lower in toxicity to humans, livestock and wildlife, including fish and fowl. You need no special protective clothing when you apply SEVIN. Just use normal precautions. You can spray or dust crops adjacent to homes, fish ponds or streams.

Residues in the soil...

are another hazard you eliminate by using SEVIN insecticide. Long-lasting as a crop protector, SEVIN breaks down quickly in the soil. There is no residue buildup to be picked up by garden fruits or vegetables, or to seep into streams or ponds.

Residue on food...

or feed crops is no problem when label directions are followed. SEVIN is a long-lasting insect destroyer that controls these pests with relatively few applications per season. Though still effective against insects at harvest time, the residue of SEVIN insecticide is not a problem to humans or livestock that eat the crops.

Drift to pastures or feed crops...

does not contaminate the milk, meat or eggs of animals eating the feed or forage, when SEVIN is the insecticide used. In fact, cattle can graze pastures, or forage can be harvested, on the day of application of SEVIN.

You can be a good neighbor...

and reduce hazards for everyone while you control insect pests with SEVIN. Ask your nearby supplier for the new list of recommended uses. Or write Union Carbide Agricultural Chemicals, 270 Park Avenue, New York, N.Y. 10017.

SEVIN is the registered trade mark of Union Carbide Corporation for carbaryl insecticide.



AGRICULTURAL CHEMICALS

ARE YOU SPENDING MORE THAN YOU NEED TO FOR INDUSTRIAL WEED CONTROL?

Not when you rely on CYTROL®.

Other chemicals and oils may act faster, but they can't match CYTROL's systemic action in killing roots and all to provide truly long-lasting weed control.

With CYTROL, you don't have to spray as frequently. There's no worry about regrowth.

And for truly season-long control, merely add a soil sterilant to keep weed seeds that are already in the soil from germinating.

What's more, when you rely on CYTROL, you get the additional advantages of no mess, no fire hazard.

CYTROL is easy to apply with any conventional spray equipment. It is not dangerous to handle. When you are through, simply flush out the applicator with plain water.

CYTROL is decidedly economical because of its long-lasting effectiveness. CYTROL keeps on killing weeds long after you apply it. It is the sure way to control hard-to-kill broadleaf and grassy annual and perennial weeds around buildings, along railroad rights-of-way, along highways, or any other type of industrial application.

Clip and send in
this coupon today
to get complete
information about CYTROL
for your industrial
weed control problem.

BEFORE USING ANY PESTICIDE,
STOP AND READ THE LABEL

American Cyanamid Company Date _____
P. O. Box 400
Princeton, New Jersey

Gentlemen,
Tell me how CYTROL can solve my industrial weed problem.

- Send literature
 Have your representative contact me

Name _____

Position _____

Company _____

Street _____

City _____ State _____ Zip No. _____

Dyrene is formulated expressly for park superintendents, golf course superintendents, greens keepers, managers and other professionals engaged in the care and maintenance of lawns and turf.

Dyrene's broad spectrum effect combats or prevents all major turf diseases. When used as recommended, it controls: brown patch • copper spot • dollar spot • leaf spot • melting-out • rust • snow mold (*typhula* sp.).

Under normal weather conditions, apply Dyrene at the rate of 4 oz. per 1,000 sq. ft. every 7-10 days. During weather particularly favorable for disease, such as high temperature and humidity, Dyrene may be applied more frequently (5-7 day) or at higher dosages (6-8 ozs. per 1,000 sq. ft.) to keep disease under control with no injury to fine turf grasses. Frequently

**Do you use
the proven
fungicide that
offers golf course
superintendents,
park
superintendents
and other lawn
and turf
professionals
unmatched
effectiveness
in the control of
major fungus
diseases?**

**Your dealer
stocks
it.**

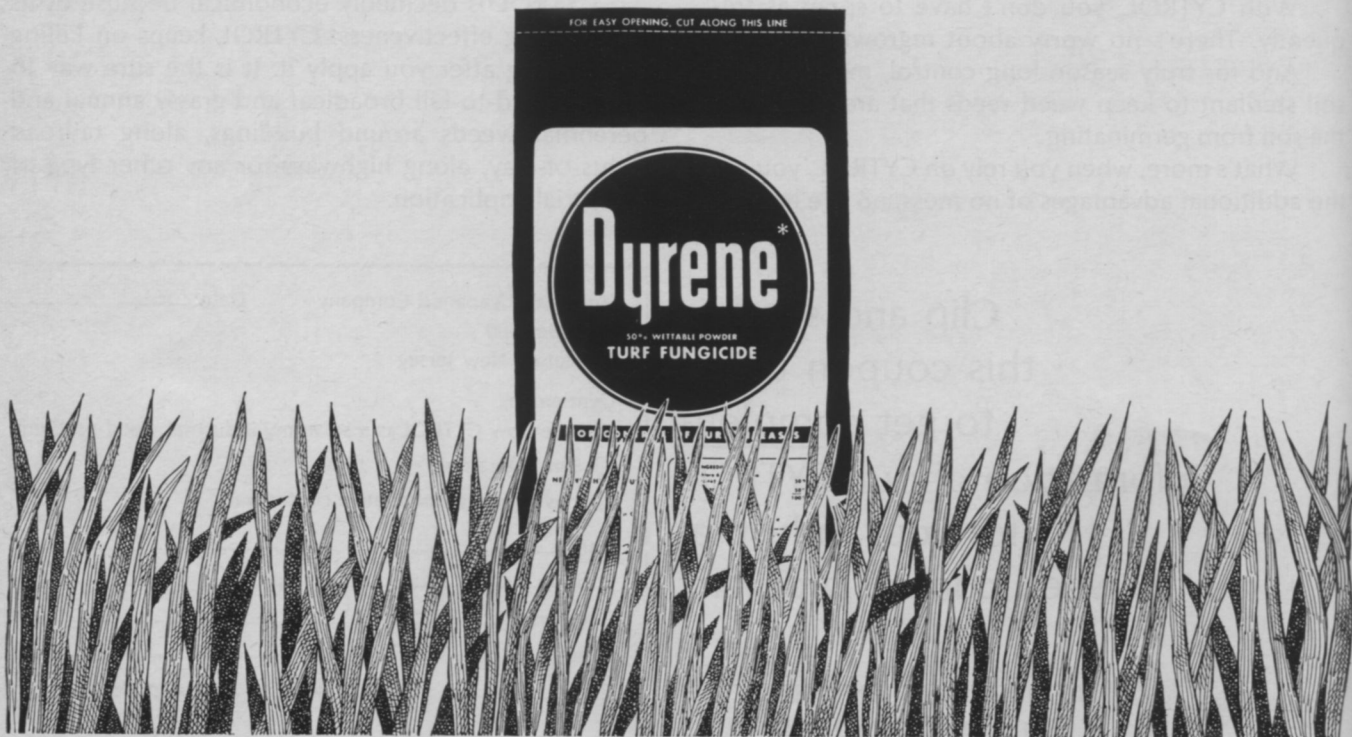
golf course and park superintendents use a Dyrene program of 3-4 ozs. per 1,000 sq. ft. of turf on a 12-14 day schedule. This has resulted in disease-free turf all season. When using Dyrene to clean up a disease condition in turf, use 6-8 ozs. per 1,000 sq. ft. for best results.

Dyrene is a 50% wettable powder that provides a good suspension in water and is suitable for use in all common types of spray equipment. The formulation is dyed green to blend with turf and eliminate the unsightly appearance of spray deposits on treated areas. Once dried, dye does not stain shoes or fabrics. Dyrene will not harm spray equipment, clog nozzles or corrode metal parts of the sprayer.

For complete instructions, read the label or send for folder DY4. 1552



**CHEMAGRO
CORPORATION**
KANSAS CITY 20 • MISSOURI



WEEDS TREES and TURF

May 1965
Volume 4, No. 5

FORMERLY WEEDS AND TURF

KILL WEEDS **KEEP FISH**



in sport LAKES or PONDS

Aquathol aquatic weed killers offer these distinct advantages when used as directed:

- NOT HARMFUL TO FISH, fowl or aquatic animal life.
- LEAVE WATER USABLE FOR swimming, fishing and boating.
- EFFECTIVE AND FAST ACTING for complete lake or spot treatment.
- AQUATHOL PLUS CONTROLS 25 WEED SPECIES easy and non-hazardous to apply.

for control of nuisance weeds, specify

AQUATHOL®

PENNSALT

CHEMICALS • EQUIPMENT
Department WT

309 Graham Bldg., Aurora, Ill.
P. O. Box 153, Bryan, Texas
3239 Mayfair Blvd., Fresno, Calif.
P. O. Box 1470, Montgomery, Ala.
2901 Taylor Way, Tacoma, Wash.

Please send me your new brochure on aquatic weed control. I'm interested in treating:

Pond Lake Dock or Beach Area
Approximate size of area to be treated

Name _____

Address _____

City _____ Zone _____ State _____

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Advertising Representatives

National Headquarters

1900 Euclid Avenue
Cleveland, Ohio 44115

Phone: Area Code 216+771-4169

New York City

Billingslea & Ficke

420 Lexington Avenue

Phone: 212+532-1632

Chicago

Peck & Billingslea, Inc.

185 North Wabash Ave., Suite 1809

Phone: 312+DEarborn 2-0292-93

West Coast

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The Maurice A. Kimball Co., Inc.

2008 W. Carson St., Suites 203-204

Torrance, Calif. 90501

Phone: 213+320-2204

San Francisco: 580 Market Street

Phone: 415+EXbrook 2-3365

JAMES A. NELSON
Publisher

CHARLES D. WEBB
Editor

DAVID E. SCHNEIDER
Staff Biologist

D. BUNKIN
Circulation Supervisor

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Contents of this Issue © Trade Magazines, Inc., 1965

Turf Problems?

This one is
MOUSE-EAR CHICKWEED



Here's the answer to this
and other summer turf problems:

White grubs and Sod webworms. For long-lasting protection from these and other turf insects apply Chlordane. Gets rid of moles and skunks, too.

Brown patch and Dollar spot (bluegrass). Apply Velsicol® "2-1" for effective, economical prevention or cure of these and other turf diseases. New formula provides improved wettability, better stability, and less foaming action.

Gray leafspot and Fairy ring. Velsicol® Memmi .8EC protects warm and cool season grasses from these and other turf diseases. Memmi .8EC is a liquid mercurial fungicide—mixes in minutes, needs no constant agitation, won't clog nozzles, leaves no sediment in spray tank!

Mouse-ear chickweed and Knotweed. Banvel® D 4S attacks weeds through leaves and roots, kills most species found in turf. Works in warm or cold weather!

Plantain. Banvel® D+2, 4-D combines the effectiveness of Banvel with reliable, versatile 2, 4-D to give you one-application control of practically every broadleaf weed found in turf. Saves time—gets the job done quicker at lower cost!



ask Velsicol

VELSICOL CHEMICAL CORPORATION
341 EAST OHIO ST., CHICAGO, ILL. 60611 WT-55

Gentlemen: Please send me your new Turf Chemicals catalog.

NAME _____
ORGANIZATION _____
ADDRESS _____
CITY _____
STATE _____

Take a Look Around You

On page 16 of this issue, a successful contract applicator who specializes in large-scale industrial weed control poses some sound advice for the company entering this field for the first time.

This experienced applicator points with enthusiasm to the thousands of small business enterprises which must (or should) be kept weedfree. These include small manufacturing plants, such as the scores of tool-and-die shops found around any large industrial center; drive-in restaurants and other businesses catering to people in their cars; used-car lots; small, individually owned parking lots (chains usually go to the large operators); motels; trucking depots; etc. *ad infinitum*.

Then this same operator, with characteristic directness, admits that his own company, geared primarily for railways, industrial plants, and the like, is not set up to handle these abundant, though less imposing, contracts.

Surely here is a great potential waiting for the neophyte weed control specialist trying to gain experience, and for the one- or two-crew operation which doesn't handle the big jobs.

There are two distinct advantages to be realized in going after this business. First, it enables the budding controller to get the kind of on-the-job experience which is necessary to success, without having to take, at the same time, the financial gamble inherent in mammoth control activities, with their risks and insurance costs.

Second, if a company is oriented to the small job, and prices its services accordingly, there is a definite profit to be made, perhaps with less competition than will be found vying for the steel mills and the railway yards.

Of course, the sheer number of potential customers is overwhelming; they are there, and need only to be developed aggressively.

If you are a weed control operator who can profitably take on the small, practically innumerable jobs at a profit, or if you're a vegetation maintenance professional of any type and want to get into weed control, take a look around you at the opportunities which abound among the small businesses in your community.

Now's the time! It's almost summer and the weeds are beginning to grow. You'll find, in most cases, that your prospects will be glad you sold them on professional weed control.

WEEDS TREES AND TURF is the national monthly magazine of urban/industrial vegetation maintenance, including turf management, weed and brush control, and tree care. Readers include "contract applicators," arborists, nurserymen, and supervisory personnel with highway departments, railways, utilities, golf courses, and similar areas where vegetation must be enhanced or controlled. While the editors welcome contributions by qualified freelance writers, unsolicited manuscripts, unaccompanied by stamped, self-addressed envelopes, cannot be returned.

Shuffle Off to Buffalo



WHEN THE old vaudeville song "Shuffle Off to Buffalo" was becoming popular, Buffalo Turbine had already established its reputation for quality agricultural equipment. Ever since, applicators know they "get their money's worth" when they buy Buffalo Turbine machines, from small models like the Mity Mite Back Pack (pictured at right), to our brawny, heavy-duty Model D Duster.

Whether in weed control, turf work, or tree service, professionals demand the quality and performance found in Buffalo Turbine products. One piece of equipment can be used for fertilizing, seeding, broadcasting. These high-performance sprayer/dusters are suitable for shade trees, parks, ornamentals, and mosquito control.

Why are so many readers of this



The Buffalo Turbine Mity Mite Back Pack at Work

magazine shuffling off to Buffalo Turbine? Because the time-honored quality of our equipment is accompanied by fair, sensible prices.

Why not see for yourself. Write for free literature and price lists for the fine line of Turbulent Air sprayer/dusters keyed to fit *your* job.

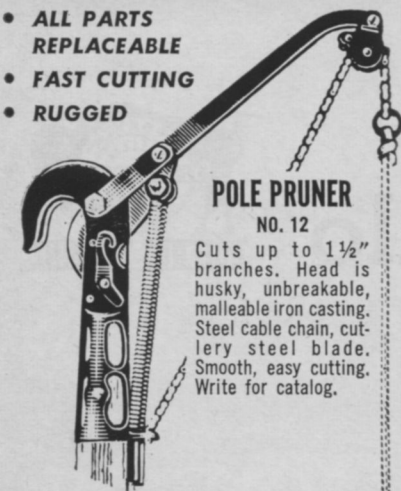


BUFFALO TURBINE Agricultural Equipment Co., Inc.

70 Industrial Street, Gowanda, New York 14070

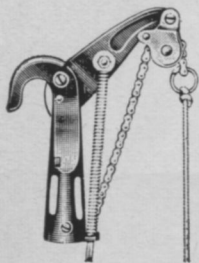
Professional Tree Pruners

- ALL PARTS REPLACEABLE
- FAST CUTTING
- RUGGED



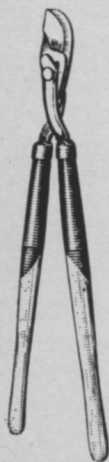
POLE PRUNER
NO. 12

Cuts up to 1½" branches. Head is husky, unbreakable, malleable iron casting. Steel cable chain, cutlery steel blade. Smooth, easy cutting. Write for catalog.



NO. 11

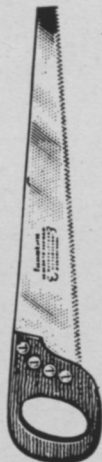
Cuts up to 1" branches. Malleable iron head. Steel cable chain, cutlery steel blade. Smooth, easy cutting. Write for catalog.



LOPPING SHEARS

NO. 75

Heavy duty; fast, easy cutting compound lever loppers designed for utility use. Cuts up to 2" branches. Full line of loppers.



PRUNING SAWS

NO. 1826

26" Sandvik Swedish steel blade. A professional saw. Full line of saws.



Send for complete catalog and prices.

SEYMOUR SMITH & SON, INC.
Oakville, Conn., U. S. A.
Sales Representatives
JOHN H. GRAHAM & CO., INC.
105 Duane St., New York 8, N. Y.

WTT Mailbox

Growing Pains

We are in business in east-central Illinois and are subscribers to *Weeds Trees and Turf*. We have been considering branching out into the lawn field and would like to have some information.

What we are primarily interested in, at the present time, is the type of pumping equipment necessary for general lawn treatment. We are mainly considering the application of insecticides, fungicides, and herbicides, and are wondering what type of pump is the most suitable and what type of storage capacity is necessary.

We prefer a pump driven either by an electric motor or gasoline engine and not one mounted to PTO. Please give us recommendations on pressures and gpm.

R. Morton Blair

The Dorite Company
Charleston, Ill.

We cannot in fairness make recommendations of specific equipment without getting involved in technicalities over which we have no control. However, we suggest reference to our December 1964 issue, in which a Supplier's Guide lists everything mentioned above. Inquiries to manufacturers will bring all the necessary information.—Ed.

Growth Retardant Query

At times articles have appeared in newspapers and magazines regarding the use of growth retardant chemicals, particularly in lawn areas.

I am writing to inquire about the progress and practicability of these chemicals inasmuch as I feel this may open a new field in the spraying business.

Do you propose to publish any information on this subject in your wonderful magazine, *Weeds Trees and Turf*? If not, would you please suggest to whom I may write to find information? I note in your January issue, U. S. Rubber, Chemical Division,

has a chemical for spraying trees.

Francis DeMarco

DeMarco Nursery
Connellsville, Pa.

The U. S. Rubber Co. advertisement you refer to appeared in our January issue and relates to MH-30T for retarding tree growth, and the company has done considerable work on the use of this chemical for turf-grass inhibition. We published an article on the chemical for this use in September 1963, and another article in August 1964 on the use of MH-30T on trees. We suggest you write to Mr. Otto Steinen, Sales Manager, Chemical Division, U. S. Rubber Co., Naugatuck, Conn., who may be able to provide you with more information.—Ed.

Bomardier Address

Would you please oblige us with the address of the Bomardier Snowmobile, Ltd., of Canada? We are very interested in their unit. Of course, we are subscribers to your informative and helpful magazine.

Neil A. Euting

President
Midwest Aquatic Service, Inc.
Oconomowoc, Wis.

The address of Bomardier Snowmobile, Ltd., is Valcourt, Quebec.—Ed.

Supports Association Idea

I am a commercial weed control operator working in northern California and have read the article about the proposed national association for the custom spraying business. It would seem that this is a step in the right direction, and I would be interested in such an organization.

Bryant Washburn

Washburn Agricultural Service
Davis, Calif.

Weeds Trees and Turf welcomes expressions of opinions from its readers. Send ideas and comments briefly as possible to Charles D. Webb, Editor, Weeds Trees and Turf, 1900 Euclid Ave., Cleveland, Ohio 44115

Now, you can control both nematodes and insects in turf with one product... new Sarolex.

One application of new Sarolex® nematicide-insecticide . . . that's all it takes now to get long-lasting control of a wide range of plant-parasitic nematodes and insects.

New Sarolex does away with your having to make separate applications of different products in order to obtain effective nematode and insect control in established turfgrasses.

The nematode and insect control that new Sarolex provides is truly remarkable. Greening response in turf severely damaged by nematodes, chinch bugs and other soil pests has been dramatic.

To get the full story on new Sarolex, and to find out how it can

drastically cut turf pest control costs, fill in the coupon below.

We'll send you all the details on the many kinds of nematodes and insects Sarolex controls, on length of control, greening response, toxicity, phytotoxicity, and methods of application. Also, information on rates to control both nematodes and insects with one spray, as well as even lower rates for insect control alone.

While Sarolex may be applied at any time of the year, most effective period for treatment is when grass is growing fastest. That starts in May. So, mail the coupon today.

*SAROLEX is a trademark of Geigy Chemical Corporation.


Geigy Agricultural Chemicals
Division of Geigy Chemical Corporation
Ardsley, New York

Please send me complete information on new Sarolex nematicide-insecticide.

Name _____

Company _____

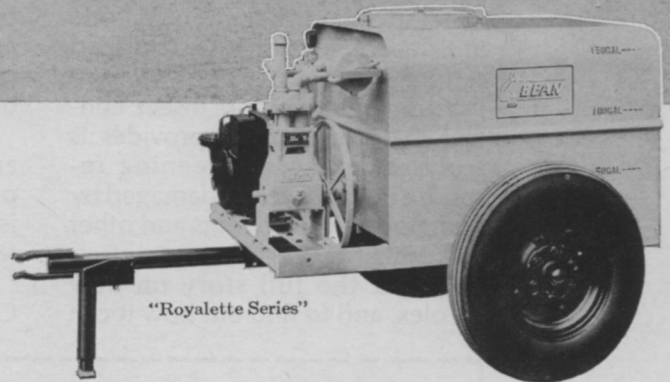
Address _____

leadership  *engineering pushes performance up - prices down*

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John Bean leads the way when you "spray for pay". You select from four basic sprayer series . . . plenty of choice to let you get size, type, capacity and price just right for your needs. Bean Bond lined tanks and lifetime Sapphire cylinders assure long, trouble free service. Trailer-type, skid-mounted or PTO models. Wide choice of accessories. Versatility unlimited: weed and brush control, turf spraying, applying liquid fertilizer, shrub and tree spraying, root feeding, dust abatement, row crop spraying. To be sure sprayday is payday, get the facts on John Bean high-pressure sprayers.



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