





Through professional planning

# Superintendents decide what a course needs to be healthy, look better and play better

## like using **ACTI-DIONE®** in a Tees Greens Fairways program

Fungus diseases can bring disaster to a golf course. That's why professional superintendents decide every year to follow a complete disease control program.

Besides the direct damage caused by fungi, unchecked disease can ruin the investment made in fertilizer, weed control, water and management practices (verticutting, aerifying, mowing and the labor they require). This investment can range up to \$80,000 a year and deserves the protection of a complete disease control program.

### DISEASE CONTROL PROGRAMS PAY

Many superintendents have discovered Tees Greens Fairways programs of disease control pay their own way. They help eliminate the problems and costs which arise when turf is lost. They help eliminate golfer dissatisfaction. The increased play from growing numbers of golfers is too much of a challenge for anything less than healthy turf.

### FOLLOW APPLICATION SCHEDULE

Although the level of control on fairways is not so critical as that required on greens, prevention of disease is always less expensive than cure. Start your fairway spray program in the spring as soon as possible after the first mowing. Continue on a scheduled basis—usually an interval of 21 to 30 days. Acti-dione turf fungicides can eradicate many turf diseases, but you will save time,

money and many headaches by establishing a program of prevention.

### TRAINED TUCO PERSONNEL

Just a call will bring one of our highly trained and expert field representatives to help you in your program of scientific turf management. He can help with more than just fungus diseases, too.

### ACTI-DIONE ADVANTAGES

It's biodegradable and non-mercurial. It does not harm beneficial bacteria that are necessary for the breakdown of thatch and release of nitrogen and other nutrients. It is absorbed into plant cells through locally systemic action. It is water dispersible for uniform coverage when sprayed on the grass.

### DISEASES CONTROLLED

Leafspot, Dollarspot, Melting-out, Fading-out, Going-out, Brown patch, Pink patch, Powdery mildew, Rust

### Acti-dione TGF®

New formulation from TUCO. Easy-to-open 15-ounce zip-top package. Easy to use. Easy to handle. Easy to dispose of. Treats three average greens. For fairway use, check with your supplier.

### Acti-dione® Thiram

Broad-spectrum, year-round disease control, including snow mold. Your supplier has complete information.

**TUCO**

Division of The Upjohn Company, Kalamazoo, Michigan 49001



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those weeds.”**

**“What are you  
spraying?”**

## Geigy herbicides can satisfy both sides.

It's tough being the man in the middle when you're armed only with excuses.

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Answers to all kinds of weed and vegetation management problems.

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for various jobs and conditions. But all give long-term, effective performance. Singly or as the foundation for combinations of chemicals.

So if you'd like help in planning a vegetation management program that gives you answers, not excuses, please send this coupon to: The Industrial Weed Control Department, Geigy Agricultural Chemicals, Division of CIBA-GEIGY Corporation, Saw Mill River Road, Ardsley, New York 10502.

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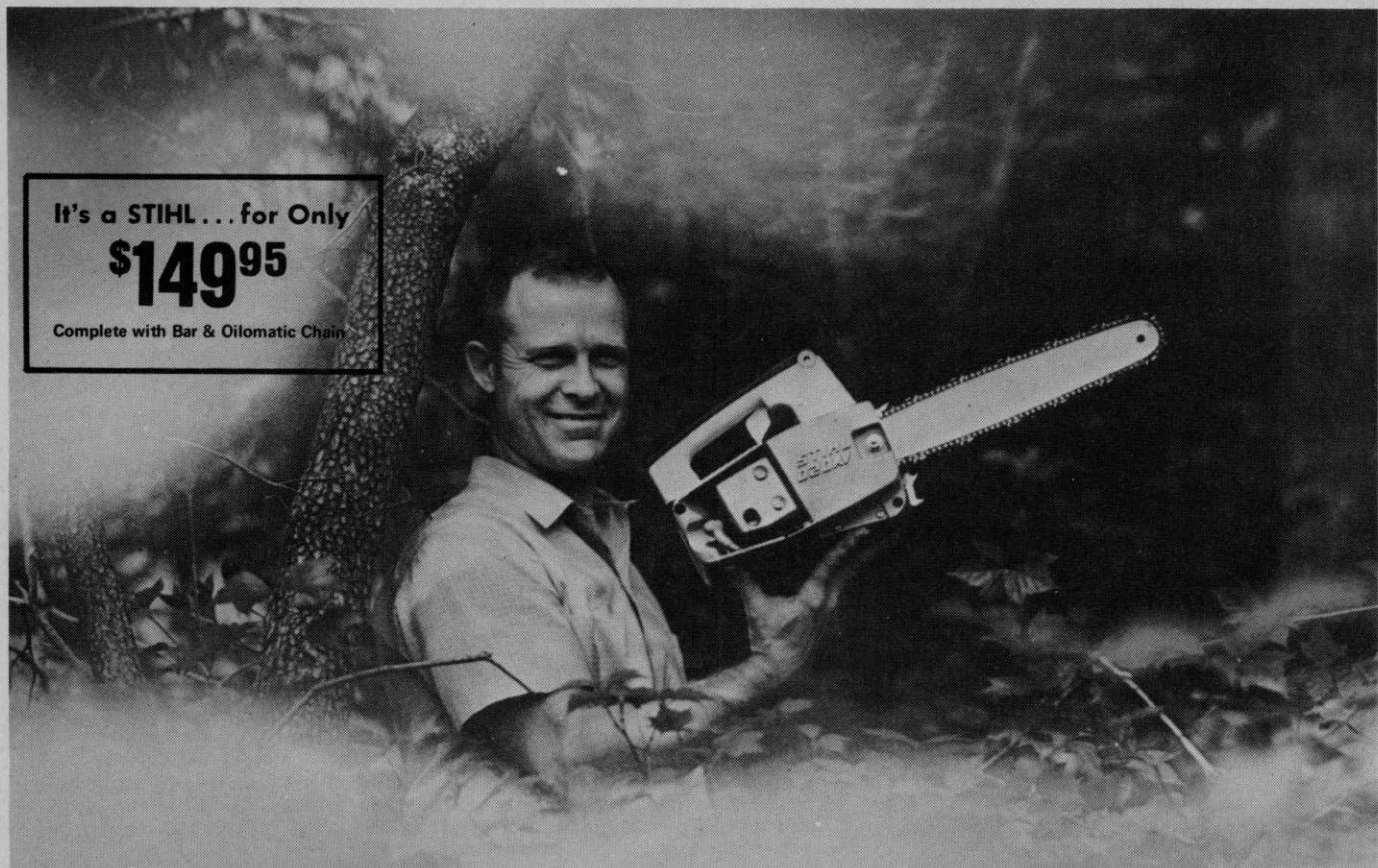
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# **STIHL 020 AV**



# WEEDS TREES and TURF

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## The Cover

Mowing equipment, fertilizer, turf protection chemicals, quality sod and management knowledge are important ingredients of the turf industry. The striking mowing equipment shown on the cover symbolizes this industry. Precision mowers perform a vital function in turfgrass care.

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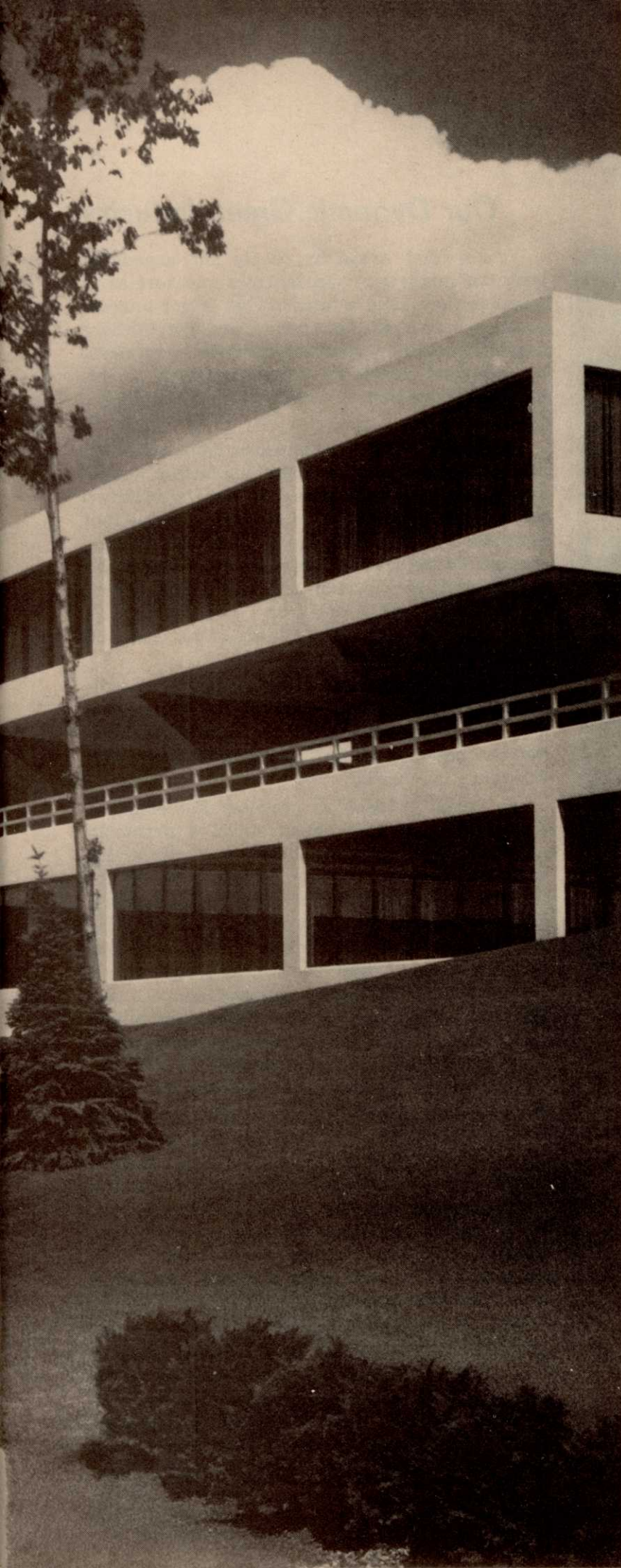
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Betasan is the leader for sure crabgrass control with one early application on your turf. Safer to use than many herbicides, without any turf burn, Betasan at this year's new, low price saves you \$8 to \$10 per acre.

Betasan also controls goosegrass and barnyardgrass along with several annual broadleaf weeds. Remember too, that Betasan controls poa annua that germinates in late winter or spring.

Keep your grass areas clean of crabgrass, goosegrass and poa annua with Betasan at a new low cost. See your distributor now for turf-care products made with Betasan. Stauffer Chemical Company, Agricultural Division, Dept. HD, Westport, CT 06880.

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## **FYLKING KENTUCKY BLUEGRASS**

U.S. Plant Patent 2887

The ultimate in beautiful lawn turf when you insist on Fylking, the low-growing, ground-hugging, fine-textured grass. It produces an abundance of side shoots, and has a dense root system that strangles weeds and creates rich, green cushiony turf of unrivalled loveliness. More disease and drought resistant, Fylking has proven superior in years of international tests and actual use. It thrives cut at  $\frac{3}{4}$  inch (even low as  $\frac{1}{2}$  inch) making backyard putting greens practical. Ask for 0217® Brand Fylking Kentucky bluegrass lawn seed or sod at your local wholesale seed or sod distributor.

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## **Editorial**

### **Our Dynamic Green Industry**

We are often asked by people not acquainted with the markets of weeds, trees and turf as to whether they have a future. This is not unusual because individuals, businesses and corporations regularly seek new ventures, business investments or additional outlets for advertising. And to this end we believe their questions about our trade are genuine.

To answer these questions we have relied on market surveys, studies, and other factors to give dimensions to the situation. We have also shown through the editorial pages of this magazine that our industry is dynamic, one of the fastest growing markets in the United States today. Witness, for example, the construction of a new shopping center, an apartment complex or a housing development that isn't concerned with turfgrass, trees and appropriate landscaping.

Or, consider the near total dependence of people on agriculture's productivity at lunchtime in a busy city. These are also the ones who find relaxation and peace on the golf course or in a beautiful woods or shady park.

The Green Industry is growing. For example, Cleveland has over 100 linear miles of metropolitan parks surrounding the city and is still buying land. We see it in the attendance figures of the numerous meetings we cover. New products heretofore considered for other markets are breaking sales records — in our markets. Turfgrass conferences, industrial weed control meetings, strong university and Extension Service support and others are doing their part to educate and stimulate. Above all, we have noticed the enthusiasm by those in the trade to be contagious.

The future of this industry rests with the people who comprise it. They are the ones who must carry the spark forward. And like the first three words of the U.S. Constitution, they are: "We the People. . . ." Our collective efforts to develop this trade, to create new jobs, to be bullish on business and to expand the Green Industry across the continent will serve a common need. Mankind cannot exist long without grass and trees. Our job is to promote this concept now.

Throughout this year we will endeavor to report new and different aspects of the Green Industry to you. We believe your use of this material will be the best public relations approach to those not acquainted with our trade. We must each become better ambassadors of the Green Industry. A united effort by us all will mean success.

WEEDS TREES and TURF



# Ransomes Hydraulic Power 5/7 Gang Mower is a reel time saver

The Ransomes Hydraulic 5/7 has a proven record of high work output. Why? Because it is totally hydraulic—totally! Every part of the cutting action is controlled from the tractor seat—raising and lowering of the units, forward and reverse drive of the reels. Hydraulically powered reels allow you to cut tougher grass—easily, saves turf damage.

Versatility takes priority in this machine—you can have 20 through to 75 cuts per yard—use any number of reels separately or collectively. You can even cut in the wet. You can climb and cut slopes that competitive machines cannot face.

As grass machinery engineers for over 150 years we know how to construct our machines.

Ransomes Hydraulic 5/7 is the greatest advance in design since the development of the gang mower.

- Reduced investment. Cuts semi-rough and fairway because of instant height-of-cut adjustments and operator choice of reel speed.
- Greater production; Spring, Summer or Fall. Wet or dry, you can go gang mowing with the Hydraulic Powered Gang
- Increased performance. Cuts up and down 'steep' slopes and banks with all seven units cutting; turns sharper eliminating overlap.
- Reduces labour. Cuts over edge of sand trap and around clubhouse lawns without leaving un-cut grass.
- Lower maintenance costs. Less wearing parts—no wheels, clutches, gears, instant back lapping from operator's seat ensures razor-sharp reels.
- Improved finish. Variable speed control of reels can produce greens finish on fairways . . . Less turf wear because of spring balanced cutting units. No wheels to cause drag or compaction.
- Super-tough impact resistant steel reels keep sharper—longer.
- Unit construction means quicker servicing time especially on reel and bearing assemblies.
- And finally—the complete cutting assembly can be easily removed from the tractor, leaving it free for other duties.

Apart from all this you have Ransomes name and reputation as Europe's largest grass machinery manufacturer.

To obtain full information of the Ransomes Hydraulic 5/7 contact your nearest Ransomes Distributor:

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**RANSOMES**



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## Government News / Business

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EPA To Release Pesticide Data The Environmental Protection Agency plan to make available to the public after January 17, 1972 data on the toxicity and efficacy of registered pesticide products. William D. Ruckelshaus, EPA Administrator, says that such information is in the public interest and should be under the Freedom of Information Act. No formulas or trade secrets will be disclosed. Action taken was in response to numerous requests from the public for information about the toxic qualities of pesticide products and their effectiveness.

Tax-Reducing Investment Credit Is Back The Tax Revenue Act of 1971 allows investment credit tax deductions much the same as a few years ago. That means subtracting 7 percent of the value of "qualified investment" in new and, in smaller amounts, used depreciable property. Too detailed to report here. Check Section 38 entitled property of the act.

Atlas and ICI America Inc. Merger It was effective on New Year's Day. ICI America Inc. of Stamford, Conn., merged into Atlas Chemical Industries, Inc. of Wilmington, Del. The combined company, a wholly-owned subsidiary of Britain's Imperial Chemical Industries Limited, will be known as ICI America Inc. Headquarters will be in Delaware. Employment about 7,000 persons. Agricultural chemicals division will be centered in Stamford, Conn.

Extended Quarantine Area For Japanese Beetle Additional natural spread of Japanese beetle last year has extended the quarantine area to 21 previously unregulated counties in eight states. Counties in Georgia, Illinois, Indiana, Kentucky, Michigan, Ohio, South Carolina and Tennessee are affected.

Dalapon Tolerances Granted Food and Drug Administration has established residue tolerances for dalapon herbicide in meat, milk, eggs and poultry tissue, according to Dow Chemical Company. Tolerances complete conversion of all current registrations for dalapon, sold as Dowpon, from a no residue basis to a tolerance basis to meet new Federal requirements. Also opens the door for additional registrations for the product.

Driver Age Limit Reduced Bureau of Motor Carrier Safety of the Federal Highway Administration has reduced the minimum age limit from 21 to 18 for drivers operating any commercial vehicle weighing 10,000 pounds or less and who are otherwise qualified, without geographic location.



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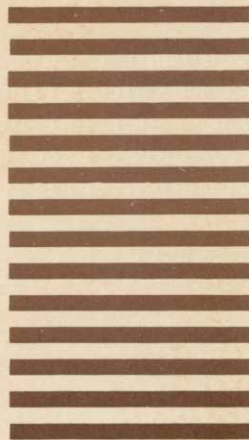
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2/72

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