The International Diesel Power Unit operating a pump, providing low-cost pumping power for the owner.

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ECONOMICAL POWER, so vitally essential to the success of a fair-way watering system, is readily available in the International Power Unit line. These engines (gasoline and Diesel) have proved their economy compared to other forms of power on a wide variety of stationary power jobs. They range in size from 12 to more than 100 h.p. Where peak loads require more than 100 h.p., multiple installations can be made, thereby effecting savings by operating only the number of units that are needed at any one period of the day.

Ask the nearby Company-owned branch or authorized industrial dealer how International Power Units can save money for your club pumping water, generating electricity, or on any other belt work you have.

INTERNATIONAL HARVESTER COMPANY
(Incorporated)
606 So. Michigan Ave.
Chicago, Illinois
Tony Manero in a gay mood between rounds at the Shawnee Open, a few days after winning the National Open at Baltusrol. Manero recently wrote us: "We use a Worthington Overgreen at my home course, Sedgefield Country Club, Greensboro, N. C., and our greens have a beautiful putting surface."

ELIMINATE

The Objectionable Ribbon Cut

By using the Worthington Overgreen, there is no more reason for having stripes on a putting green than there is on a billiard table. The Overgreen cuts in concentric circles, assuring the player of a uniform nap, putting towards the pin from all directions.

There are over 700 Overgreens in use at the most prominent clubs all over the country. By using the Overgreen, one man not only can mow 18 greens in approximately five labor hours where it requires 18 to 20 labor hours by hand mowing, but by using the Overgreen you can eliminate the ribbon effect on your putting greens which is objectionable to so many good golfers.
"The Perfect Curtain of Water"
produced only by Buckner equipment, is one of the reasons why government specifications for sprinkling equipment read "Buckner or equal".

Over the past twenty-two years Buckner has pioneered in the introduction, or perfected the design of every important development in the irrigation field. Naturally Buckner sprinkling equipment and systems are the standard by which all others are judged. Always specify Buckner...Make reservations now for your copy of the new Buckner Catalogue.

Buckner Mfg. Co.
Fresno, California
Eastern Division 33 West 60th St., New York, Circle 6-3067

Know What This Is?

HIGH-SPEED, SCYTHE-ACTION BLADE CREATES SUCTION—actually draws grass and weeds right into the path of cutter!

An exclusive feature on Whirlwind Power Mowers, covered by basic patents, is the specially designed blade which curls upward at the rear edge and creates SUCTION. By this SUCTION all grass and weeds are brought to attention and sliced cleanly at any desired height (3" to grass roots). The high speed at which cutter travels (60 cuts per second) chops them finely to form a splendid mulch and leaves a smooth, velvety lawn.

Get Full Details. Write for Bulletin No. 10

The C. B. Dolge Co.
Westport, Connecticut

If you don’t see what you need advertised in GOLFDOM, write us
Turf as fresh as Spring, in July and August! That's the course with watered fairways. Costs so little, saves so much... an irrigation system for fairways and greens that can be operated by one man every evening. Such systems today are a sound investment for the future when the piping is COP-R-LOY. Green committees who would stretch out their expenditures over more years will find it worth while to select those leading engineers who use COP-R-LOY Pipe. (Names on request.)

Write the sole manufacturers of COP-R-LOY pipe...

Wheeling Steel Corporation, Wheeling, West Va.
The "LARK" Sprinkles evenly up to 125 ft.

The "OLD FAITHFUL" Sprinkles evenly up to 125 ft.

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NELSON
Portable and Underground, Sprinkling Equipment

Every sprinkler requirement can be met perfectly by some item in the complete Nelson line.

Nelson equipment is standard on golf courses throughout the country. Years of specialized sprinkler manufacturing experience insure perfect operation and long life. Complete information on all types, either permanent or moveable, will be gladly sent on request.

L. R. NELSON
MFG. CO.
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KILLS ANTS, SOD WEB WORMS on Greens, Lawns, Gardens

Harmless to Humans, Animals and Birds
Red Arrow Garden Spray effectively controls ants and sod web worms, yet will not injure the turf or affect the fertility of the soil. Red Arrow is a concentrated pyrethrum extract combined with a special soap. Simply mix with water and apply with any type spraying apparatus. Red Arrow is safe to use—harmless to humans, animals and birds—and has no poisonous or irritating fumes. Also kills many varieties of sucking and chewing insects on flowers, vegetables and fruits. Ask your supply jobber or write for complete information.

McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS INSECTICIDES

GRASS SEED
of "Known Quality"

Write for new market prices on Triple A Bents-Seaside (Coos Co Strain), South German, Rhode Island, Colonial and other grasses and mixtures for fine turf.

Late Summer or early Fall Sowing is Best

"GOLF TURF"—Our Booklet on making and maintaining TURF Free on Request.

Shumpp & Walter Co
132-138 Church Street (Cor. Warren St.) New York
STOP INSECT DAMAGE to GREENS, TEES AND FAIRWAYS with NuRexform The Improved Arsenate of Lead

The damage wrought by grubs, earthworms and webworms to greens, tees and fairways, if these pests are permitted to feed unmolested on the roots of the fine textured grass, is an eyesore to the golfer and vexatious to the greenkeeper and the greens committee. And isn't it aggravating to putt on earthworm infested greens? The numerous tiny mounds—the handiwork of the earthworms—surely don't improve one's putting game.

There is no need for such conditions to exist for it is possible to protect greens, tees and fairways against the ravages of these pests with NuRexform, the Improved Arsenate of Lead.

Grasselli Arsenate of Lead is also effective for this purpose.

The Grasselli Chemical Co., Inc.
Founded 1839
Cleveland, Ohio

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. . . saving us the labor of four men, or about $800 a year.
. . . and has cut our cost of preparing compost more than 75%.
. . . our Royer’s sixth year and still operating like new.
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ROYERS make compost so much quicker and better that users invariably effect savings from 70% to 90% in compost preparation.

Sold thru leading Golf Equipment Dealers

ROYER FOUNDRY & MACHINE CO.

Tell us any idea for making GOLFDOM advertising more helpful
A luxurious blanket of green, sturdy turf seemingly rolled out along the brown, hard, dry rough—of course, this fairway is watered with Skinner System Hoseless Fairway Irrigation.

This picture was taken June 25, 1936, at Moraine Park Country Club, Dayton, and the difference is even more noticeable today.

THE SKINNER IRRIGATION CO.
415 Canal St., Troy, O.

SKINNER SYSTEM
OF IRRIGATION

If you want enjoyable golf regardless of the weather, write us for our illustrated golf irrigation Manual—you'll find it interesting and helpful reading.

PUTTING GREEN POINTS TO NOTE AND REMEMBER!

Two-in-One Control for Fungi
Diseases and Soil Termin
Fights Brown, White, Fungus
Tremendous Covering Capacity
Super Chemical Value
Ready Mixed and Safe
Easily Applied.

About FUNGOL
EXCLUSIVE DOUBLE PROCESS FUNGICIDE

There is no substitute for this high grade, chemical product giving hundreds of Courses real economical protection from Large and Small Brown Patch.

The wisdom in using FUNGOL comes from its high rate of covering capacity—3500 to 7,000 square feet to the pound.

Let us explain the double feature of FUNGOL whereby it also provides extra feature of combatting soil vermin, earthworms, sod webworms, cutworms, grubs, etc.—without added cost.

Ask your dealer or write direct for complete details and free testing samples of FUNGOL and VEG-E-TONIC.

MECLAIN BROTHERS Co.
CANTON, OHIO

VEG-E-TONIC

Put out and sale Puttimg Green grass producer. Builds up dormant turf. Restores weak soil areas. High Nitrates, Phosphoric Acid and Potash. Dissolves in water. Results certain. Economical

TAKE A TIP FROM NATURE
SEED IN THE FALL

It's the time when new grass roots deeper, stools out to form thicker sod and gets the jump on weeds while they go into winter quarters.

So here's a combination you can't beat—Fall sowing with Scott's Seed.

Prices are advancing owing to drouth and reduced harvests. Ask for prices now even through you may want later delivery.

We can also furnish Washington and Metropolitan Creeping Bent Stolons from our own nursery and the names of a host of enthusiastic customers.

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O. M. SCOTT & SONS CO.
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SAVE  DROUGHT DAMAGED GREENS

with a Wichita Compost Grinder

Golf Courses and Parks that have suffered the ravages of drought and summer heat need perfect compost and lots of it! THE WICHITA COMPOST GRINDER (Shredder and Mixer) gives it to you at the lowest cost ever heard of. In one operation it grinds, shreds and mixes any compost mixture, manure, chemicals, Pratt moss, small or stringy materials, sod, etc., to any degree of fineness desired. Handles wet or bulky material with ease. T. H. Riggs-Miller of Kansas City says: "I have a Wichita here at Blue Hills and in the past few weeks have ground with it 75 tons of the finest compost I've ever handled. The Wichita is a wonder." Four models and sizes take care of every need. Also investigate our new High Speed Screen. Write for Illustrated folder and low factory prices.

W. W GRINDER CORP.
DEPT. D, WICHITA, KANSAS

BETTER TURF

The right kind of fertilizer is vitally important. Don't take chances—do as Tamarack and many other well-known clubs do—solve the problem by using Agrico Country Club Fertilizers. Agrico contains just the right amounts of Nitrogen, Phosphorus and Potash—formulated from carefully selected plant-food materials—just the right balance between organic and inorganic nitrogen—plus extra plant foods needed to maintain healthy, vigorous growth.

Use Agrico for your Fall fertilizing program this season and see the difference it can make. Agrico Country Club Fertilizers are sold in N. Y. Metropolitan area by Arthur D. Peterson Co., Inc., 420 Lexington Ave., New York; also sold by this Company's sales offices in principal cities.

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You save time and money by depending on GOLFDOM advertisers
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"PUTTING"

- Pro and Amateur alike, have emphasized by their strong preference for Acushnet the reason for this year's tremendous swing to this quality ball. Longer than most—with the toughest cover ever put on a top number golf ball—it's the finest putting ball on earth.

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Thank you for buying from GOLFDOM advertisers; they are O. K.
3 LONG YEARS

... but greenkeepers continue to fight drought successfully, as told here in nation wide survey.

Up to the fourth week in July, despite adverse weather conditions that literally put the forced cultivation of first-class golf courses to the test of fire, greenkeepers have performed a job of maintaining playing standards that should arouse the admiration of the golfing public. Although the greenkeepers' work to date this season generally has been of such success as to identify them as miracle men, even the best of them are keeping their fingers crossed because the tough part is still to come.

However, a nation-wide survey of representative territories recently made by GOLFDOM and the judgment of the nation's foremost authority on turf culture, Dr. John Monteith, Jr., of the USGA Green Section, give license for the verdict on the greenkeepers' current display of ability.

Tournament conditions this year have given an unusually good picture of regular maintenance practice. At Baltusrol, the club officials, Major Jones, general manager, and Charles Chase, greenkeeper, lived up to the early avowed intention of having the course for the National Open just as it would be for member play. Kicks from the star contestants were at a minimum and a volume of kind words were said about the course being a fine test of real golf as it is played. At the Davenport (Ia.) CC during the Western Open, greens were in magnificent shape according to the players. The splendid putting done during the tournament attested to the greens condition. Tees, too often in just fair shape even at many good clubs, were smooth and of the right length and consistency. Fairways were burned except in the valleys, for Davenport has one of those difficult hill-and-valley problems to handle before it can install fairway watering.

At Happy Hollow, Omaha, where the Western Amateur was held during weather conditions that would fry a hunk of pig iron, players and Western Golf Association officials were loud in their praise of the course. Oscar Johnson, Happy Hollow greenkeeper, relates that the excellent shape of the course was no accident. Johnson had the usual amount of hard work and worry prior to putting on a successful tournament. Says he, "The summer around here has been the driest I have ever seen. Our water bill has been pretty high. Notwithstanding, I'm certain my greens are in the best condition they've ever been. I've been watching against brown-patch and sod webworm and haven't had any trouble worth mentioning from these sources.

"I attribute not a small part of the way our greens have developed and held up to our practice of spiking a great deal
of peat moss into them. Our greens have a tendency to harden, due to hot weather and persistent hot winds. Conditioning with peat moss helps these greens to hold the right amount of water, and what is almost equal in making the greenkeeper's mind at peace, the greens in which peat moss has been introduced hold the approach shots of players."

Better Conditions Mean More Members

Around Detroit, where the golf and industrial comeback has been great, Herb Shave, greenkeeper at Oakland Hills where the 1937 National Open will be played, highlights the conditions he and other superintendents are experiencing. "Maintenance standards are higher this year," says Shave, "because clubs are realizing that to fill memberships the courses must be kept in best possible condition. Wages have increased and more men are being employed. There has been considerable new equipment bought this year, replacing worn-out equipment. This, of course, has had its effect in improving course condition without correspondingly increasing the expense of maintenance."

"Fairway watering equipment, hoseless and hose, has been having a good selling season. This year's fertilizer sales will be far above average. All these things point to a marked comeback."

"Early season weather conditions were none too good. It was wet. Nights were cold. Greens and fairways were so tough it was like trying to cut wire. Greens did not get much color until June. From the start of June until July 4th we had great weather for growing grass in the Detroit territory, but after July 4th we were right in the heart of tropical desert weather."

"The way the greenkeepers in this district have held their greens during the hot weather has been remarkable. This has required judicious watering and care in cutting, and all the advantages of correct construction and luck that one needs in this business, but doesn't always get. We have had lots of clover in fairways this year, but I guess this condition is widespread. The heavy snow last winter seems to be one reason for the clover crop we have this summer."

"Brown-patch has not been troublesome. Weather conditions have helped, and every one of us with budgets that will permit are playing the safe game of 'an ounce of prevention is worth a pound of cure.'"

"Budgets this year generally are higher. Imperative need of equipment replacement, fertilizer, higher wages and the knowledge that a real thrifty budget makes provision for possible emergencies, all have figured in the budget increases."

Somewhere East of Suez In Torrid St. Louis District

It is somewhere east of Suez where the best is like the worst, according to Kipling's dope, and the greenkeepers put St. Louis in that location regardless of what the geographies show.

Robert Foulis, spokesman for St. Louis district greenkeepers, considers that the job generally done by the men in that territory this year represents one of the finest achievements of course maintenance. In addition to having a bad drought year to date, St. Louis has suffered from terrific heat, temperatures of above 100 being registered for 15 consecutive days. Since the middle of April in that territory, they have been watering greens, approaches, and tees. There have been very little fungus or insect troubles up to mid-July. Greens, for the most part, are in excellent condition.

Fairways, reports Foulis, are badly burned and will require heavy seeding and fertilizing this fall. He remarks that fairway watering is a problem that the St. Louis sector will have to meet. He has 18 fairways at the St. Louis CC irrigated. One of these fairways has had watering for five years. All of these fairways (which are under Foulis' supervision) have come through the hot weather and drought in good condition. Budgets are normal.

Is Greenkeeping a Science or an Art?

Howard Farrant, greenkeeper at The Country Club, Brookline, Mass., in giving a summary of outstanding conditions in New England, touches on a point that for the first time, so far as we can recall, is located as a source of greenkeepers' troubles. The point is that working the men under forced draft, as many greenkeepers have been compelled to do on account of depression budgets, has shown up in the work done. This matter has been mentioned vaguely in the remarks of a number of greenkeepers interviewed by GOLFDOM and is worth a story all by itself. Just how much of greenkeeping is a science and how much of it an art, probably has more bearing on the labor situation than most of us in the course maintenance field realized. Farrant's com-