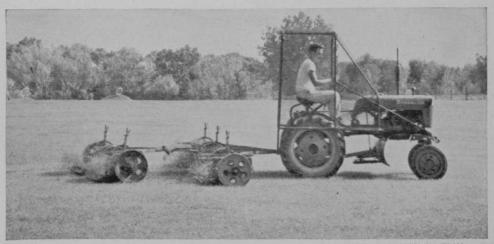
Cub can't shoot eagles

... but does everything else to cut course upkeep



KEEPS FAIRWAY IN TRIM

Country clubs and driving ranges find the Farmall Cub mows down maintenance costs as well as grass.

It does a dozen kinds of outdoor work in less time and at less cost than you'd think possible.

Ask your International Harvester

dealer for the whole low-down. And start saving trouble and money with a Farmall Cub.

P. S. For bigger jobs, call on the Cub's big brother—the International Super A.

INTERNATIONAL HARVESTER COMPANY, CHICAGO 1, ILLINOIS



GRADES GROUND WITH DOZER BLADE



PICKS UP BALLS ON DRIVING RANGE

"DEEPER, STRONGER ROOT GROWTH—



Hackensack Golf Club, Oradell, N. J.

"DURING many years as greenkeeper, I have made numerous experiments with different types of fertilizer and have come to the conclusion that a well-balanced fertilizer is best for turf growth," writes Bernard Roth, greenkeeper, Hackensack Golf Club, Oradell, N. J. "The plant food contained in your AGRICO COUNTRY CLUB Fertilizer is in just the proper proportion to produce rich, strong, green turf. Agrico helps make a stronger root growth than is the case when the turf is fed with one plant food element. Agrico has everything required to feed our greens and fairways."

Remember, Agrico is specially made to feed golf-course turf and feed it right. Order from your regular supplier, phone nearest A.A.C. Sales Office, or write now to The AMERICAN AGRICULTURAL CHEMICAL

Co., 50 Church Street,
New York 7, N. Y.

AGRICO
COUNTRY CLUB
COUNTRY CLUB

FERTILIZER

found Westwood amply testing when Ralph Guldahl won the Western Open there in 1938 . . . Clarence J. Vollmer, asst. mgr., Idlewild CC (Chicago dist.) for past 3 years, named manager succeeding Leonard A. Gillette, who resigned . . Peter J. Termini now mgr., Los Serranos G&CC, Chino, Calif. . . . Seldom see pro dept. of a club get the good break it did in The Backswing, club paper of Alderwood CC, Portland, Ore. . . . Pro Howard Bonar, after his first year on the job, was quoted: "I have to hand it to Alderwood members for cooperation." . . . Club's asst. pros, Pete Cline and Dan Strite got their picture in the paper as young men who'll do great on their projobs when they graduate from asst. ranks.

Scioto CC, Columbus, O. had complete inventory of clubhouse furnishings and equipment made and insurance increased accordingly, shortly before fire that wrecked the clubhouse and contents.. Instead of usual debate with insurance companies, pay-off on accurate data was quick and clubhouse rebuilding is progressing rapidly... Club officials and management usually put off making inventory for insurance, bringing policies up to date, and fail to make complete check-up of inside and outside fire protection until they're departments providing fire-fighting service in many country club localities the clubs



Quick facts that make WORTHINGTON your best tractor buy



Worthington Model F Chief Tractor

- 1. Low gas consumption with Ford Industrial Engine.
- 2. Pivotally mounted axle for safety on hillsides.
- 3. Adjustable steering column for driver comfort.
- 4. "E-Z" ride seat with spring and hydraulic shock absorber.
- 5. Hydraulic brakes and engine governor standard no extra cost.

- 6. Reserve gas tank eliminates "running out."
- 7. Front-mounted mowers permit operator to look ahead when mowing.
- 8. Smoother mowing mowers cut grass ahead of wheels no compaction.
- **9.** Hydraulic gang mower lift available for fast travel, easy storage.

This is just a sample. A demonstration by your Worthington dealer will tell the whole story. See him now.

WORTHINGTON MOWER COMPANY

STROUDSBURG, PENNSYLVANIA-



BEAUTIFUL! EFFICIENT!

NEW RUBBER CUSHION arrangement in bottom of washer absorbs shocks, adds to life of cleaner.

NEW TYPE FINISH includes third coat of clear plastic. Withstands season after season in any climate.

EASY TO USE — just pull up paddle, insert ball. A few quick strokes leaves ball shining clean, ready for play . . . and fewer lost balls!

Better Courses Provide LEWIS WASHERS at every tee



The LEWIS MAGIC

Order from your dealer now!

G. B. LEWIS CO.

Watertown •

Wisconsin

need all the preventive and extinguishing facilities they can get, and need it in good condition.

USGA Green Section proposal to set up regional office on west coast has many supts. in that part of the country hopeful ... Unique problems with considerable year-around play require much research ... Development of Turf Advisory committees for close-up practical recommendations for the Green Section cooperative programs is one nation-wide need ... Another is how to get money needed for financing work the clubs want done ... Too many want to ride on a pass.

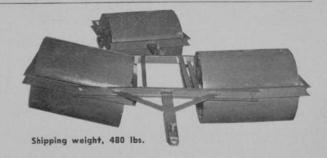
Minnesota Golf Course Supts. annual turf conference and business meeting at Curtis hotel, Minneapolis, March 5, 6, 7... Fine array of maintenance experts from clubs, University of Minnesota agricultural school, park boards, tree experts, plus the roaming Answer Man "Red" Noer and Charley Wilson of the Green Section on the program.

Pros and club officials had better be thinking about planning safety and faster play educational programs at many courses . . . Heavier play, close parallel fairways and less rough have increased risk of injury . . . What to do about correcting tendency of average players to spend a weekend on each green, in the tournament pro

3-SECTION ROLLER

An 80 inch roller with full oscillation for all sections. Water ballast 12 gauge welded steel rollers with slightly rounded edges. Sand and dirt resistant alemite equipped hardwood bearings. Filled weight 600 lbs. per section. Frame of heavy welded steel construction complete with ball type hitch and mud scrapers. Painted rust resistant dark green.





2-SECTION ROLLER

A compact easily stored five foot water ballast roller of simple rugged construction. Welded and tested 12 gauge steel rolls will stand many years of turf use. Grease fitting equipped, replaceable hardwood bearings. Welded steel frame complete with ball type hitch and mud scrapers. Filled weight 1200 lbs. Painted rust resistant green. Shipping weight 325 lbs.

Mfg. By BERRIEN TOOL & DIE CO., Inc.

Turf Products Division

EAU CLAIRE, MICHIGAN

WRITE FOR NEAREST DEALER'S NAME OR WRITE US DIRECT

BALANCE



Jacobsen POWER GREENS MOWER . 22-INCH CUTTING WIDTH

THE MARK OF A PREFERRED GREENS MOWER

Balance is one of the prime factors that make the Jacobsen a great power greens mower.

This precision-engineered mower is designed so that weight of mower is evenly distributed over the entire length of the rear roller — a basic element in the unexcelled cutting ability of the Jacobsen Power Greens Mower. In addition, balance gives this greens mower its extra easy, light touch maneuverability.

But convince yourself. Get behind this greens mower champion and try it out. See firsthand why it's America's preferred mower among golf course superintendents.



MANUFACTURING COMPANY

FIRST ON THE GREEN

BEST ON THE SCORE CARD



your area. Here at Woodruff's, we welcome inquiries about any usual or unusual grass condition.

For more than a quarter of a century, we have been testing different analyses of lawn seed in northern, southern, eastern and western sections of the country, and have acquired a unique knowledge of seed habits and their adaptation. This may be of great help to you. Send us your inquiries for analyses and quotations. You will hear from us with dispatch, Without hesitation—Ask Woodruff!

F. H. WOODRUFF & SONS, INC.
Milford, Conn.
Bellerose, L. I. Atlanta Sacramento

manner, is a tough problem . . . Jab them all, pros and amateurs, with flame throwers is the best suggestion we've heard.

If the PGA is able to put on the Champion of Champions tournament which was proposed at the 1951 PGA convention as an annual fixture, amateur and pro friends of the late Scotty Fessenden want to put up a perpetual trophy for the championship as a memorial to Scotty, who was a sureenough Champion of Champions.

Indiana PGA spring meeting at Claypool Hotel, Indianapolis, April 15... Horton Smith, Vic East, Ewing Stumm, and others will headline the Hoosier business program... Michigan PGA spring business meeting also on April 15, at Detroit... Will present plans for what Michigan pros are confident will be their most successful year of promotion.

Ted Booterbaugh's talk at GCSA convention tipped off amazing swift development of a great resort course, Lakewood course of Grand Hotel, Point Clear, Ala... Course, designed by Perry Maxwell and started little over 5 years ago, now one of finest conditioned, most beautiful layouts in the south... Great example of how time, and eventually money, is saved by spending plenty wisely... Owner is Waterman Steamship Corp., big operators of freight and passenger ocean-going ships... E. A.

GET THOSE WEED ROOTS!

SEEDS V

GO TO THE ROOT OF YOUR WEED PROBLEM WITH THESE DOLGE PRODUCTS

DOLGE SS WEED-KILLER

Where no vegetation whatever is desired such as your parking places, walks and tennis courts. Penetrates deep down to plant roots and kills. Sterilizes the soil, preventing normal sprouting of wind-blown seeds. Weeding the thorough modern chemical way eliminates backbreaking toil and saves the cost of many labor-hours.

E.W.T. SELECTIVE WEED-KILLER (2-4-D)

The efficient way to control weeds on your fairways. Works its way down into the roots of brush, dandelion, plantain, poison ivy, ragweed, sumac and other obnoxious plants, but does not injure most turf grasses.

Please write for descriptive literature explaining how these tested DOLGE products can best be used for YOUR weeding requirements.



FOR GREENS THAT STAY BEAUTIFUL YEAR-ROUND



Feed *Energized* Vertagreen®

Year around, golf greens must be able to "take it." Grass on putting surfaces must be uniformly smooth and luxuriant during tournaments, yet vigorous enough to withstand the wear of thousands of footsteps and remain in perfect condition for the regular play to follow.

More and more courses are using energized Vertagreen because Vertagreen's complete, better-balanced formula provides the nourishment that builds strong root systems and beautiful-but-tough turf with a uniform deep green color. Regular applications of

> Vertagreen make it easy to keep greens and tees in perfect shape, even under adverse conditions. Order today—let energized Vertagreen go to work for you.



FEEDS 3 Ways







ARMOUR FERTILIZER WORKS

General Office
ATLANTA, GEORGIA



PMAS

GIVES YOU

Double Action-Double Value!

START NOW

to build up a residual control . . . POSITIVE, year-round proven control . . . of these most damaging of turf destroyers:

- J CRABGRASS
- J COPPER SPOT
- J DOLLAR SPOT
- **✓ BROWN SPOT**
- J PINK PATCH
- ✓ SNOW MOLD

Work 'em all over with the same application — That's where the saving of labor comes in. Save, too, by the low comparative price of PMAS, the proven Herbicide-Fungicide.

Get PMAS from Golf Supply Dealers or write:-

W. A. GLEARY CORP. NEW BRUNSWICK, NEW JERSEY

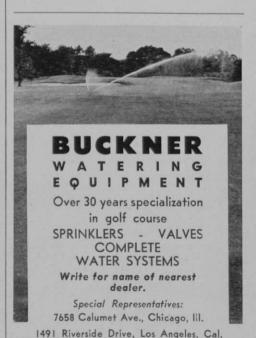
For full reports on the use of PMAS in controlling turf pests send for Turf Maintenance Tips, our complimentary periodical devoted to the maintenance and improvement of turf.

Jobber territories open

Roberts, Waterman board chmn., is golf enthusiast who demands the best for his customers.

Widely known Carnoustie import Andy Mortimer, who began his American career with Clarence Hackney, came with Lakewood when he got out of World War II, during course construction... Booterbaugh has been supt. for 3 years, coming from Milwaukee CC... Teaching with Andy is Bud Werring, who has scored with his very competent and thorough handling of projobs in Wisconsin and Minnesota... Managing Grand Hotel is Harry A. Peters, Jr., widely known to golfers because of his previous association with Kenilworth Lodge, Sebring, Fla... They make a stand-out, smoothly coordinated team.

Mortimer goes on the basis that a pro job at a resort course, private club or public course, is primarily a public relations job ... Anything the pro can see to do to make the public happy is the pro's job, from teaching a pupil how to cure a shank to picking up a stray scrap of paper on the course while he's giving a playing lesson ... Werring shares Mortimer's conviction about that fundamental point of the pro job ... So does Andy's shop man, the pleasant, businesslike Kramer youth ... While course supts. are talking about their public relations they should see how Booterbaugh handles the public at Lakewood, taking



BUCKNER MFG. CO. • Fresno, Cal.



Another National Open Course trimmed by Toro



Herb Shave

Championship golfing calls for top-quality greens and fairways. And that calls for Toro mowers at Oakland Hills Golf Club, Birmingham, Mich.—scene of the 1951 National Open. Herb Shave, head greenkeeper, used everything from the Toro General Tractor to Toro Power Greensmowers in getting the ground in shape. Championship mowers do championship jobs.

And Toro equipment can give you the same first-rate results. There's a mower engineered to handle every operation. See your Toro distributor today. He'll be glad to show you the *right* machine for your requirements.



TORO "PROFESSIONAL." Cuts 15 to 20 acres per day with 76" swath. Convertible to 30" swath. "Out-in-front" reel cuts close. Forward and reverse transmission. Wisconsin 7½ h.p. engine.



20-INCH TORO "WHIRLWIND" has rotary-blade action, cuts heavy weeds as well as fine grass. Powered by husky, dependable 2 h.p. engine. Compact, streamlined design.



SIGN OF SERVICE... and Toro nation-wide service facilities give you fast help and parts delivery. For more facts, write: Toro Mfg. Corp., 3002A Snelling Ave., Minneapolis 6, Minn.



Aerate with a SPIKE-DISC

The inexpensive Dunham Spike-Disc consists of two rows of discs armed with long knife-like blades. It cultivates and aerates in one simple operation. Regular use of the Spike-Disc will give you healthy beautiful greens.

The knife-like blades of the Spike-Disc cut unnoticeable slots to the root areas allowing moisture to go down where it will do the most good. The Spike-Disc leaves no ugly holes or dirt plugs on the green.

Manufactured by Ohio Machine Products, Inc. Columbus, Ohio Manufacturers of the Dunham Hand and Fairway Water-Weight Rollers.

Write for full information to: Dept. G2

JOHN H. GRAHAM & CO., INC. Sales Agent

105 Duane St., New York, N. Y.

time off to answer questions of men and women players about native plants and details of course care.

It all adds up selling the player, whether he ships or not, that the Waterman organization knows how to operate . . . Play is heavy 12 months a year . . . Booterbaugh seeds rye in September, keeping the course green the year around and having no offperiod on fine greens, tees and fairways . . . Terrific amount of clearing and dredging done in grooming the course and hotel grounds . . . Booterbaugh says fewer mosquitoes there than in Milwaukee.

Although, like other class resort courses, rates mean most customers are wealthy older people, Peters has a smart plan for getting younger people to make a life-long habit of the place . . . Grand Hotel has "honeymoon" rates, and champagne and flowers for brides and grooms who sign the special honeymoon register . . . Astonishing how many of the honeymooners play golf . . . The rich old boys playing around the course see the romancing couples and say golf must be wonderful to beat honeymoon competition.

Mortimer, who went back to see the folks in Carnoustie a couple of years ago, says the bag cart has wrecked the production line of Scottish and English pros... Kids are not caddying and learning as the former generation did... Andy says he saw a

Soften YOUR GREENS AND TEES WITH Coarse UNIFORM SILICA AGGREGATE -- (Free from packing fines)

SEND FOR SAMPLE

For Your

GREENS — No. 816
TEES — No. 612
CONSTRUCTION — No. 612
TRAPS — No. 1220 or 1630

Priced in bags or bulk — Shipped by truck or rail

INDUSTRIAL SILICA CORPORATION

315 Stambaugh Bldg.

Phone 45125

YOUNGSTOWN, OHIO