



THE CONTRACT reproduced above is your bulwark against cut-price and bootleg competition. Directly one pro has accepted and signed this agreement, every other outlet in his home state must operate accordingly . . . or be liable to prosecution under the law.

We announced this new protective clause in our sales policy a couple of months ago. Pros in forty-four states, all the states in which Fair Trade legistration is in effect, immediately took advantage of it.

We are emphasizing it again because we believe it to be the greatest step toward pro sales control ever taken. It cannot fail to mean more business and better business for you. Acushnet Process Sale Company, New Bedford, Mass.

GOLF BALLS

PENNSYLVANIA MAKES IT...

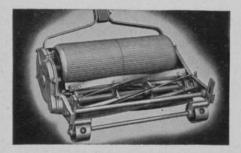


Available in 35 or 30 inch sizes. The 35 inch size gives you a saving of 20% in time and labor over the regular 30 inch size. A quint of 35 inch units cuts a swath approximately the same width as a gang of 7 conventional 30 inch units.

Tough, UNBREAKABLE, malleable iron construction withstands sudden shocks. Protects you against breakdowns that are costly in time, labor and replacement parts.

3. Six heavy Crucible-Analysis Steel Blades double riveted to husky spiders. Easiest to sharpen and replace.

4. Timken Roller Bearings on cylinders. Adjustable to take up wear.



5. Reversible lower blades with 2 raised edges gives longer wear and reduces maintenance cost.

6. Casting, with lower blade attached, is removable without dismantling mower.

7. Alemite Lubrication throughout. Assures

8. Train of machine cut hardened Gears on BOTH sides protected with dust-proof, oil-retaining cases.

9. Steel ground Roller with dirt-proof hardened steel Bearings. Eliminates jammed or loose fitting roller.

10. Goodyear Pneumatic Tires (optional) protect mower from hard rough ground. Wide treads give ample traction and prevent tearing of turf.

. . . and the smoother performance of the PENNSYLVANIA SUPER - ROLLER GREENS-MOWER is unequaled because of—

High-speed ball-bearing cylinder with 8 blades of finest crucible analysis steel that insures smooth, ribless greens. Train of 3 cut gears, running in grease in a dust-tight case, make for easy, fast work. Lightweight, interchangeable aluminum rollers. Oil-tight, dust-protected, self-aligning bearings. Castor wheels on hardened steel bushings have Alemite lubrication.



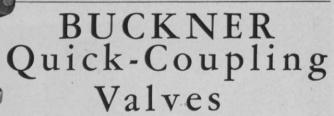
PENNSYLVANIA

QUALITY LAWN MOWERS

Primos

Del. Co.

Penna.



Give You Perfect Control of Water Consumption

They are provided with Built-in Flow Control, enabling the operator to compensate for any increase in pressure. They are Self-Closing when the coupler is removed, absolutely preventing any leakage. They are Grit-Proof, Repackable under Pressure, Safe and Long-Wearing. They represent the result of over 25 years' manufacturing experience.

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GOLF DOTS AND DASHES

BY the time this issue reaches its readers, practically every golf club will have completed its "official season opening" ceremonies and will be well under way with what promises to be the biggest golf season in history—and that statement is backed up with plenty of facts. Pronouncements this spring from clubs already open for play are, by a wide margin, the most optimistic in years.

To settle down to some specific instances of "what's going on" at golf clubs during the past month—the new Parris Island (S. C.) GC was opened recently at the Marine base; gala ceremonies marked the opening. Pro at the club is Sergeant Ray. . . . Buster Peel, 23 years old, has been named pro at the University of Kansas City club for the '41 season. He succeeds Leland Pyle, who has signed as pro at the Ivanhoe CC in K. C. . . . The first phase of a remodeling project has been completed at the Mattoon (III.) CC. It's a lounge room in the basement of the club. Not yet started, but scheduled for completion before the sum-

mer season opens is the construction of a pro-shop and caddie house.

New tees have been constructed at the Monett (Mo.) GCse, which now makes the layout (9 greens) an '18-hole course'. . . . Clubs in the Boston area celebrated Patriots' Day in April with gala and varied programs. In Brockton, Jug McSpaden was a special guest at the Thorny Lea GC and gave an interesting and instructive exhibition of shots. Various tournament and dinner-dances were the order of the day at surrounding clubs. . . . Dave Hendry has resigned as pro at the Maysville (Ky.) CC to accept a government position as inspector of defense materials.

From a recent clipping, and a condition that clubs everywhere should make every effort to control insofar as possible: "Probably the most harassed spectators in any form of sports are those who follow a golf match. They must have the speed of a sprinter, the stamina of a marathoner and the nerve of a



24 inch \$169. 27 inch \$179. 30 inch \$235. F.O.B.

STEEL BUIL

POWER MOWER VALUE

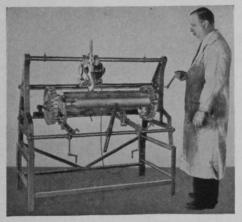
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For cutting tees, approaches and general purpose mowing you can't beat the Starlawn.

TORO MANUFACTURING CORPORATION

MOWING MACHINERY SPECIALISTS FOR OVER 20 YEARS
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CARPENTER MOWER GRINDER

Grinds bottom knife and reel blades . . . quickly and economically . . . on any power or hand lawn mower, including large power or tractor-drawn units. Precision contact of cutting blades assured. No experience needed . . . no attachments . . . no lapping. The modern, simple method.

Write for prices and name of nearest dealer.

THE GRAHAM MFG. CO., INC.
(Formerly NARRAGANSETT PRODUCTS CORP.)

East Greenwich, R. I.

book-peddler as they scamper around the course from one vantage point to another to watch their favorites." Gallery attendants well schooled in their duties, and the setting up of grandstands and score-boards at several strategic points over the course, will help considerably in alleviating this problem.

Herman Keiser, who enjoyed moderate success on the recent winter circuit, took up his new duties as pro at the Firestone CC, Akron, Ohio, in early April. . . . Jack Redmond, trick-shot golfer, is planning a driving range and clubhouse in the Miami, Fla., district, at a cost of \$35,000. Approxiantely \$25,000 will be spent on the 2-story clubhouse. . . . Henry Clay Poe, returning for his second year at the Reading (Pa.) CC, was accompanied by his bride. She is the former Lillian Craig of Durham, N. C. . . . The site of the new clubhouse to be built at the McCook (Nebr.) CC has been determined, and the stakes set for the construction of the foundation. Actual building operations will get under way shortly.

Indiana greenkeepers at their annual meeting elected Everett Whitehead, Highland G&CC, president. Tex Harvey was re-elected secy-treas. . . Hans Moen of the Broadmoor Club is the new prexy of the Oregon-Washington Greenkeepers

WINNER ON THE PUTTING GREENS



PROVIDES BETTER AND CLEANER CUTTING

Scores and scores of users are keeping their putting greens in top-notch condition with the Ideal Greensmower. This champion of putting green mowers is lighter in weight—gives you plenty of power with a new, higher speed engine, that develops full 1 h. p.

Cutting is cleaner and better, too. The front caster and roller assembly are mounted on one shaft within the cutting width of the reel. The

simply designed clutch has no parts to require adjustment. And malleable side frames bring added strength to the mower.

A new heat-treating formula, developed after years of engineering and experimental work, assures stronger reel blades and bottom knives. They last longer, retain their cutting edges for a greater length of time and require less adjustment by the operator. Better service is provided by the harder and tougher steel.

Send for the catalog, describing this champion of the putting greens. And be sure to ask about the fairway mowing economies that are possible with the Ideal Bulldog Mowers—avail-

able in 3, 5, 7 or 9-gang sizes.

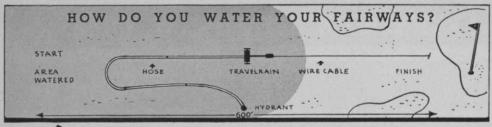
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New York Branch: 12 HARRISON STREET New Rochelle, N. Y. Canadian Distributors: AIKENHEAD HARDWARE, Ltd. 17 Temperance St., Toronto, Ont.

Mower with pneumatic-tired transport cart

and grass catcher.





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ELIMINATES HAND MOVING OF SPRINKLERS. . . FULLY AUTOMATIC

- * NO INSTALLATION COST NO SPRINKLER HEADS IN THE LAWN
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- * SEND FOR LITERATURE TODAY

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TRAVELRAIN POWER SPRINKLER CO.



362 NORTH CANON DRIVE BEVERLY HILLS, CALIFORNIA



Assn. Bob Finlay, Seattle GC, is vice-pres. . . . The additional 9 holes of the Hercules CC, Wilmington, Del., will be ready for play July 1. The new nine will have a yardage of 3,150, par 36. . . . Craig Wood, pro at the Winged Foot Club, Mamaroneck, N. Y., has prophesied that his two new assistant pros—Claude Harmon and Ray Hill—will blossom forth as stars within a very short time. Craig in the past has "bossed" such name stars of the present as Paul Runyan, Dick Metz, Vic Ghezzi, Ben Loving, Jimmy McHale, Henry Poe, and Chick Rutan.

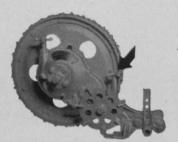
August 20th edition of the Boston (Mass.) Globe carried an 8 column illustrated writeup on "Why the Grass is Always Greener on a Golf Course Than on Your Lawn." Rackham public course in Detroit is to be equipped with a fairway watering system. . . New clubhouse of the Cambridge (Mass.) muny golf course was officially opened April 19. There are locker accommodations for 183 persons. Cafeteria, men's locker-rooms, showers, pro-shop and boiler room are located in the basement of the building. . . . Jack Beckett is starting his 26th year as Yountakah CC, Nutley, N. J., pro. He's been in the golf business since starting as shop boy for George Low at

WORTHINGTON CUTTING UNITS

Improved to give you the maximum of operating and maintenance efficiency at less cost in labor, time and money

Worthington fly-knife blades give you the widest, hardest section on the market today and this is the part that really does the work!

We have often heard the remark, particularly when the price question is being discussed, that "all cutting units must be alike—they all cut grass." It is true that all makes will cut grass, but Worthington engineers have paid most particular attention to mechanical devices to create a more practical unit so that Worthington Units are different—worth more—save you more in time and money.



Single-Hand Adjustment

For example:

The bed knife steel of each cutting unit in the gang must be adjusted periodically during the day's mowing operations. Worthington Units have a *single-hand*, self-locking, adjusting handle on each side. No tools whatsoever are required. Other makes have double adjustments on each side, requiring wrenches or screw drivers.

This may seem a trivial point to the casual observer, but if you consider this—

	Each Unit	Triple 3 Units	Quint 5 Units	7-Gang 7 Units
Worthington Units-Adjusting Devices	2	6	10	14
Other Makes-Adjusting Devices	4	12	20	28



Only Twice a Year Greasing

Other cutting units have five to six outside grease or oil fittings requiring daily attention. Let's multiply 5 grease fittings per unit of other makes, by the number of units in the gang. For example—

Unit 3 Units 5 Units 7 Units Worthington*—Daily Greasing...None None None None Other Makes—Daily Greasing.... 5 15 25 35

*Twice per season only.

These are three sound reasons why hundreds of golf courses all over the country standardize on Worthington equipment. Write us, today, for our illustrated golf course catalogue showing how you can have a better course at less cost.

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May, 1941 7

WASTE NO MAN HOURS

with inefficient tools. Good tools make for perfect work, save time and reduce cost!

FOR 1941 Jacobsen presents a new line of

Hand Lawn Mowers
Power Lawn Mowers
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A new Jacobsen catalog describing an improved line of grass cutting tools is yours for the asking. Invaluable reference in selecting new tools for this season.

JACOBSEN MANUFACTURING COMPANY
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Please mail us your 1941 literature.

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City and State

Baltusrol 40 years ago. . . . Larry Nabholtz, pro at the Lakewood club in Dallas, Tex., recently chalked up his tenth hole-in-one!

A legal battle between golfers and pigs was continued indefinitely by Justice of the Peace G. H. Miller when Dave Groggins, hog rancher, promised to build a new dining table for his swine. The Hillview CC, San Jose, Calif., brought Groggins into court on a charge of maintaining a public nuisance because his ranch next to the golf course "exuded unpleasant odors" that impaired the golfers games. . . . Henry Picard, pro the past 7 years at the Hershey (Pa.) CC, was tendered an elaborate farewell dinner by members of the Hershey club. An armchair for his new home in Oklahoma City (Henry was recently named pro at the O. C. Twin Hills club) was given Picard by Hershey members.

Officers of the Carolinas PGA Section, newest of the regular PGA sections are: pres., George Slingerland; vice-pres., Arthur Ham; secy-treas., Guy Paulsen. . . C. C. Darnell, Minneapolis GC member, has been named chairman of the steering committee which will bring about the formation of the Northwest District Golf Assn. The meeting was held at Town and Country Club, St. Paul; Nine clubs



ECONOMY DRIVE

ONLY ONE OUNCE OF CALO-CLOR* per 1000 sq. ft. of turf is the efficient preventive of brownpatch, 2 to 3 ounces as a remedy for severe cases. Regular grade for dry application. Suspension Grade for liquid application.

AURAGREEN* — non-mercurial preventive of brownpatch, consisting of three dyes. Formula developed by the Green Section of U. S. G. A.

CORROSIVE SUBLIMATE, U. S. P. Grade, for those who prefer it.

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Engine-equipped Sprayers In Many Sizes and Models.

Tractor Trailer Sprayers for Use with Golf or Farm Tractors.



• Whatever may be your budget necessities or your spraying requirement for greens, shrubs, trees, etc., you will find that the Hardie line includes the large or small specialized golf and country club sprayer that fits your job and appropriation. Ask your dealer. Write for catalog. The Hardie Mfg. Company, Hudson, Mich., Portland, Ore., Los Angeles, Calif., New York City.





"ROYERS

Produce Better Top Dressing in 1/3 the Time!"

So writes the greenskeeper of a Chicago district 36-hole fee course. The Royer shreds, blends and aerates compost far better than it can be screened and worked by hand, handling many tons an hour, breaking lumps and removing trash.

Another thing greenskeepers like about the Royer is the way it mixes in sand, lime, phosphate, manure or sewage sludge—working it in in any proportion. Sand, cinders, clay and other materials can also be mixed together for tennis courts, walks and driveways.

Royers quickly return their cost and have low operating and maintenance costs. Over 350 are in use by golf and country clubs. Twelve electric, gasoline engine and tractor - powered models. May we send the complete story?



ROYER FOUNDRY & MACHINE CO. 171 PRINGLE ST., KINGSTON, PA.

TIMELY TURF TIPS

HAIRY CHINCH BUG

For years chinch bugs have menaced corn and grain crops and have been a problem on certain grasses in Florida. Damage to northern grasses is of more recent origin. Up to now, most trouble has been in the East, although there have been several bad localized outbreaks in Ohio. It is said that the species which attack grass are not the same as the ones responsible for loss of agricultural crops.

Damage to turf is caused by the hairy chinch bug. Apparently they single out certain species and types of grass, such as velvet bent and the softer succulent creeping bents. But even with these the closely clipped putting surface proper is seldom invaded, yet bent on the adjoining longer cut aprons and approaches may be destroyed completely.

Adult chinch bugs are about one-fifth inch long. Their bodies are black and wings are white. The young nymphs are lighter colored, either yellowish or reddish marked with black.

Adults hibernate over winter in clumps of grass or other protected places. In spring they emerge and deposit eggs during late April or May. A second generation appears during August or early September.

Pennsylvania authorities emphasize the importance of effectively controlling the first brood. While the same treatment is used for the second brood, control is seldom as effective. Obviously treatments should start immediately young nymphs appear.

On small areas, 1 pint nicotine sulphate (40 percent nicotine) and 5 pounds hydrated lime in 30 to 50 gallons of water is said to be effective. This treats 1,000 square feet.

Tobacco dust, containing 34 to 1 percent nicotine, is recommended also. It should be free, or practically free, of dust to insure slow release of nicotine. Usual rate of application, especially for the first brood, is 25 pounds per 1,000 square feet, which is approximately 1,000 pounds per acre.

Turf Service Bureau

THE SEWERAGE COMMISSION

Dept. B-5

Milwaukee, Wisconsin

MILORGANITE for BETTER TURF





SPREADER

Yes sir—we mean triple-threat, Mister—because here's the equipment that does things by threes. It (1) fertilizes, (2) Top Dresses, and (3) Seeds. And it does these jobs (1) Quicker, (2) Better, and (3) More Economically—because it has these exclusive features (1) Patented Lock Feed Set, (2) Finger Touch Control, and (3) Triple Agitation. For good measure (1) Expert results even when operated by an inexperienced helper (2) Handles all commercial fertilizers, and (3) No burn at start or finish lines. You really need a ROOT!

See your dealer NOW, or write for catalog.

THE ROOT MFG. COMPANY
1311 W. 80th STREET, CLEVELAND, OHIO

in the Twin City area have already approved the plan. . . . Forsyth CC, Winston-Salem, N. C., is in the midst of a reconstruction program. A new clubhouse, fairway watering system, and changes in course design are now under construction.

Darsie L. Darsie, widely quoted veteran golf writer of Los Angeles, recently devoted several of his columns to describing Bill Hickey's boost of school boy and girl golf. Bill's plan coordinated Pasadena Park Department and Junior High School physical education functions to give students golf lessons, memberships in the Pasadena Junior Golf Assn., 15-cent green fees for 9 holes, and club rental at a 15-cent rate.

Pete Norton, sports editor of the Tampa (Fla.) Tribune, suggests that Cuba is ripe for inclusion in the winter golf circuit. He tips off the PGA that Col. Jaime Marine, sports director of Cuba, is favorably inclined toward sports promotions that get American newspaper datelines. Norton also proposes that Harry Root, Jr., pres. of the Tampa Golf Assn., appoint a 10-man committee to begin, work on a \$5,000 Tampa Open. . . The Tobacco Belt golf league has been reor-