man, real estate developer, expects to start in West Hollywood, Fla., in 1961 . . . Council, Ida., building new course with volunteer labor and volunteer funds . . . Martinsburg, Pa., group incorporates to buy land and build course . . . Bud Carroll, former Baton Rouge CC pro, among those behind planning of Altadena CC which will be built in the Birmingham, Ala., area . . . Portland, Ore., group planning to build private 18-holes in Cedar Hills area . . . Club will be known as Sunset GC . . . Construction to start soon on 18-hole Par 3, range and miniature adjacent to Disneyland Hotel in L.A. . . . Merrywood CC, to be built in Smithtown, L.I., will have regular 18 and an 18-hole Par 3 . . . It will be completed next fall.

Central Virginia Turfgrass Assn. presented a citation to William Meadows, supt. of Richmond CC in November for 34 years of outstanding work in turf management . . . Bill never has lost a green in all the years he has been in the business . . . Considering that he always has worked in the humid Richmond area, that is at least a small miracle . . . James A. (Jim) Gallery is the new publicity dir. for the DeSoto Lakes (Fla.) G & CC . . . 1961 USGA Senior Amateur will be played Oct. 2-7 at Southern Hills CC, Tulsa . . . National Amateur Mixed Four-some, to be played Jan. 31-Feb. 4 at La Gorce CC, Miami Beach, will be limited to 40 teams, says John E. McAuliffe, tournament chmn.

When the Cajun Classic was played in Lafayette, La., in mid-November the Hebert brot-
An early application of AQUA-GRO promotes and maintains a deeper root system. Check with superintendents in your area who are on an AQUA-GRO program. Don’t plan to put a portion of your course on an AQUA-GRO program after summer heat, compaction, and frequent waterings have brought turf roots to the surface. To see significant results start your AQUA-GRO program early—maintain a deeper root system with low soil moisture tensions. As the season progresses you will water less and have denser, healthier turf with far less problem from wilt.

Aquatrols Corporation of America 217 Atlantic Ave. Camden, N. J.
At a testimonial dinner given by members of the Thorny Lea GC, Brockton, Mass., for Bill Shields (l), the professional there, Ben Stone, pres. of Brockton Footwear, Inc., presented Bill a pair of Foot-Joys. Shields and Stone have almost as much longevity at Thorny Lea as any two men possibly could have. Bill has been pro for 50 years and Ben a member for 49 years.

some day it will rival the Masters . . . Winners of the last 15 Opens, Masters, PGA Championships and National Amateurs will be among those invited to play in the AGC.

PGA tournament officials and Palm Spring (Calif.) Golf Classic sponsors have signed a contract that assures playing of the Classic through 1969 . . . Original contract called for playing it through 1963 with an option of four additional years . . . Armand Lannutti, veteran pro at Durand-Eastman GC, Rochester, N. Y., will guide Western N. Y. PGA as pres. during 1961-62 . . . Western Open to be held at Scioto CC, Columbus, O., June 22-25 . . . It will be the 10th time the WGA has staged its tournament in the Buckeye state . . . The 1926 USGA Open and 1950 PGA Championship were played at Scioto . . . Robert E. Thomason has been installed as supt. at Apollo Beach, Fla., course designed by Robert Trent Jones . . . First 9 under construction with greens being planted to 328 and fairways to 419 . . . Course will have automatic watering system and there will be a practice putting area on each tee.

Don Berry, formerly of the Navy Marine GC, Oahu CC and Army-Navy course in Yokohama, Japan, now pro at International G & CC, Honolulu . . . More than 400 members of Los Coyotes CC saluted their pro, Ben King, at a recent “This Is Your Life” dinner . . . They gave him a new car, an insurance policy on the car, all-expense vacation trip and a check to cover the gift tax on these items . . . Chmn of the “King is King” committee was Skip McMahon, who had assistance of Al Endemano, Vic Campbell, Bob and Carolyn Marvin, Hank Litten and Bob Smith in making the arrangements . . . Big expansion project started at Forsgate CC, Jamesburg, N. J., in October . . . Clubhouse is being practically doubled in size and the first nine of a new 18, (Continued on page 114)

GOLD GREENS AND TEES ALL SEASON

Experts all over the country are finding green and tee trouble stem from hard packing.

Bent roots must have oxygen and they can’t get it thru a hard, fine packed top layer.

The answer is the use of a uniform coarse sand that is clean and free from hard packing fines. Spike tooth the green, clean, apply uniform coarse sand and drag.

We’ll ship anywhere — bagged or bulk

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January, 1961
**TURF BIRD**  
a new concept*  
in fairway watering

* LIGHT . . . Rugged, aluminum alloy construction makes the new Turf Bird a "Lightweight" . . . with "Heavyweight" power.

* LOW . . . a new, lower angle of trajectory (21°) assures uniform coverage even under windy conditions.

* VERSATILE . . . the exclusive, "Hi-Lo" nozzle permits pin-point adjustment of area and amount of coverage to suit any application. The new Turf Bird line includes a variety of sprinkler heads especially adapted for use with quick coupling valves for complete turf irrigation systems.

For complete details see your local Nelson-Rain Bird dealer . . . or write direct to

**Turf Bird 808S** . . . assures uniform coverage of large fairway areas, up to 232 ft. in diameter.

**Turf Bird R-707S** . . . portable greens model pin-points coverage up to 155 ft. in diameter.

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**“Profile” Styling Highlights**  
**Bags Made by Hinson**

The 1961 line of golf bags made by Hinson Mfg. Co., Waterloo, Ia., features "profile" styling. Clothing, ball and accessory pockets have been contoured to the shape of the bag itself. All bags made by the firm are of lightweight Hinsolon vinyl plastic with leather trim, and all have round bottoms of cyclole, a high impact thermoplastic. Ten color combinations are available.

Matching tog bags and shag bags also are made by Hinson. The Pro model (7993) has built-in stow-away umbrella and putter sleeves while features of other models include either a 14-club Uni-vider with compartments for each club or a three-compartment Tri-vider.

**Tri-Powered’s “Tee Birdee” Comes in Electric, Gas Driven Models**

Just coming on the market is “Tee Birdee,” available in electric or gas driven models. The cars are being designed and built by W. L. Bales, pres. of Tri-Powered Corp., Austin, Tex., the firm that produces them. Features of the new models include: 2½ gal. fuel capacity (a full golfing day’s supply); Spicer Automotive differential assembly; Muffled intake and exhaust; Automatic transmission; Oversize acceleration pedal; 7 hp Kohler engine; Continental style body that is said never to need paint; Wide base 6¼ in. rims for weight distribution that spares turf; Four interchangeable springs (coil) plus new suspension that is said to give an effortless ride. Eric Wahlquist is sales dir. of the Tri-Powered Corp.

**Big Improvement in Tee Mats**

H. M. Wise, 212 Helen ave., Mansfield, O., has introduced what it claims is the greatest improvement in Tee Mats since they were introduced to ranges. The 10-in. Magic Fluff driving section is attached to solid rubber end strips with a special link weave in the center. No clips are used and the mat will not curl at the ends or corners. Tee Mats come in standard 4 x 5-ft. sizes or special sizes. Model A weighs 70 lbs., Model B, 100 lbs. Model B is available in special construction for use with mechanical tee
machines. The patented ‘Fluff’ is said to practically eliminate all scuffing and staining of balls and clubs.

_Gripdust for Easy Mopping_

Gripdust, manufactured by C. B. Dolge Co., Westport, Conn., should ease the dusting problem in pro shops, clubhouses, etc. The product is contained in a 16-oz. aerosol and it is only necessary to spray a mop or cloth with it to put it to work. It dries instantly and there is no diluting or soaking in preparing the mop or cloth. Gripdust picks up dust as if magnetized and it has a pleasant aroma.

Typhoon’s “Air-Flo” Blades Give Grass Level Cut

Ransomes Sims & Jefferies, Ltd., Ipswich, Eng., has fitted its new 18-in. Typhoon rotary mower with upswept tip “Air-Flo” blades that create a strong suction effect that brings grass erect for level cutting. Turbulence created by the blade also gives clean ejection. Wheels on the Typhoon are inset to permit cutting to within 1/2 in. of trees and obstructions. The mower is powered by either a Clinton 2-stroke (94cc) or 4-stroke (117cc) engine fitted with recoil starter and air-vane governor.

Tri-State Toro Co. has moved to larger quarters, 518 Harrison st., Davenport, Ia., according to Bill Stafford, pres.

_P 111_
Get beauty teamed with durability and cleaning ease. That’s Magic Fluff. It comes in a rich, oriental color blend to suit any decor. All orders are custom made to fit individual floor areas. Write for a Special Trial Size Magic Fluff Mat Sample . . . 17” x 32” $5.00 postpaid.

SPIKE RESISTANT

*magic fluff*

*Protected by Pat. No. 2338828*

H. M. WISE DISTRIBUTOR OF QUALITY PRODUCTS AND SERVICE
212 HELEN AVENUE — MANSFIELD, OHIO

Here is the Wm. Joyce El Dorado golf shoe for women, custom made by Bowen of Pasadena, Calif. It is of white French calf with alligator wedge and strap and has polka dot lining.

Use Tractor Combination for Backfill Tamping

Muellermist Irrigation Co., Broadview, Ill., used the weight and the powerful hydraulic system of an International 340 Industrial tractor to compact a backfilled ditch following installation of a watering system at Ravisloe CC, Homewood, Ill. Wheel brakes allow the tractor to be steered when the front wheels are off the ground. The wheel and tractor combination, according to Muellermist, was 25 per cent less expensive than tamping. At Ravisloe, 14,000 ft. of 8-in. pipe and some 12- and 15-in. pipe was installed.

AMF Pays $3,000,000 for Hogan Golf Company

American Machine & Foundry Co. of New York paid approximately $3 million for the Ben Hogan Co., Ft. Worth, according to reports. The sale was effected through a transfer of AMF’s stock in exchange for Hogan Co. assets. Acquisition of the Ft. Worth firm is a significant extension of AMF in the leisure-time field. Besides golf it now has interests in bowling equipment, skin diving equipment, bicycles and engine-powered toys. Hogan will continue with AMF in design, development and sales promotion of the golf line and Edward P. Rankin will stay on as general mgr. of the golf div. The Hogan Co. was organized in 1953.

Late in Dec., pros throughout the U. S. received a letter from Carter L. Burgess, AMF pres., telling them that the Hogan company policies will continue to prevail. Burgess pointed out that AMF has a big stake in the leisure time field since it produces bowling equipment, basketballs and footballs, and skin diving equipment and it expects to gain a firm foothold in golf with the help of the pros.

Ernie Sabayrac, Inc., Hialeah, Fla., will continue to distribute the Hogan line products.

Improved Litter-Picker

Rowco Mfg. Co., Inc., Keene, N. H., has recently introduced a manually operated Litter-Picker. It has a 38-in. aluminum shaft that spear
Magic Fluff®

Tee Mats

*Protected by Patent 2338828

STANDARD SIZES

MODEL A - 4' x 5' - 70 lbs.
10" Driving Section - $22.

MODEL B - 4' x 5' - 100 lbs.
10" Driving Section - $25.

Write For Quantity Prices
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Quarter inch deep FLUFF insures safety for Iron and Wood shots.

KEEPS BALLS AND CLUBS CLEAN.

A link weave mat, reinforced with galvanized steel spring wire, provides durability in all kinds of weather.

O. J. Noer Joins Dick Wilson Staff

O. J. Noer, retired agronomist and sales mgr. of the Milwaukee Sewerage Comm. and long a major contributor to golf turf management, has joined the Dick Wilson staff as agronomist. Dick Wilson is the first course architect to avail himself of the services of an agronomist with a turf maintenance background. Noer's responsibilities will focus on soil textures, turfgrass selections and other features important to the efficient and economical management of new Wilson courses after their completion.

Jacobsen Hydraulic Schools

Sales engineers of Jacobsen Mfg. Co., Racine, Wis., have been conducting a series of schools for supt. and others on the hydraulic systems of Worthington tractors and gang mowers in recent months and will continue them through early spring. The course is based on a hydraulic systems manual compiled by C. D. Ackerman, service mgr. of the Worthington div. Teaching the courses are E. E. Berg, H. J. Capps, G. P. Carson and A. L. Van Pelt.

Hagen Golf Ensemble

Made of Kangaroo Leather

The kangaroo leather Walter Hagen golf ensemble consists of a rich looking, finely detailed golf bag, matching carryall and four piece head cover set. Each piece is crafted of black leather with gold trim. The set or individual pieces are available in pro shops.

Standard Offers New Products for Easier Green Care

New products being distributed by Standard Mfg. Co., golf div., Cedar Falls, Ia., include the Cup Lifter (in left photo) and Dimple Doctor (right). It is only necessary to place the Lifter in the socket of any cup, engage and pull up. There is no stooping with the form fitting handle and turf isn't disturbed during the removal operation. The Dimple Doctor is said to be the answer to the supt's prayer for a tool that quickly levels divots, heel marks etc.
Toro Enters Car Field with Two-Cylinder Golfmaster

Toro Mfg. Corp., Minneapolis, a leading producer of mowing equipment, has entered the golf car field with the introduction of the 10-hp Toro Golfmaster. The car is powered by a 2-cylinder Onan gas engine, specially insulated for quiet operation, and has an auto-type electric starter. It has been in the developing and testing stage for three years, according to Robert Gibson, vp. The car is said to be capable of

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You get more ball washer for the money with The Henry. It costs less initially. Course Supts. will find it requires minimum upkeep. Golfers throughout the world have found that The Henry, with its rubber squeegee and gasket, cleans their balls faster and more efficiently.

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PROTECT FLOORS from Wet Winter Traffic

Coco fiber matting runners for lobbies, locker rooms, stairs, hallways and non-skid footing on slippery walks.

The best buy for lowest cost, service matting. Sold in full rolls of 40 or 50 yards (120 or 150 running feet) 36 inches wide in natural tan color. Prices of other widths, colors and lengths on request.

40 Yard Roll $80 - 50 Yard Roll $100

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CLINTON KENT
BRADLEY – Box 2 Mtn. View, Wayne, New Jersey

climbing the steepest course hill and goes 18 holes on a gal. of gas. The frame is of heavy welded steel and the body is of 20-gauge reinforced welded steel insulated with glass wool. The car rides on aircraft type tires. The Golfmaster is designed so that it operates only when the accelerator is depressed. Leasing and financing plans are being made available, according to Gibson.

Taylor Promoted by Wilson

Edwin C. Taylor has been named sales div. mgr. of Wilson Sporting Goods Co’s Philadelphia branch. He was formerly sales mgr. of the Phila. div. He started his career with Wilson in 1937. Taylor played pro basketball from 1930 to 1942 in the Eastern League.

Overcome Windiness

A variety of models in the new “Turf Bird” series, marketed by National Rain Bird Sales & Engineering Corp., Azusa, Calif., have a low trajectory angle to overcome windy conditions.

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**Electric Washing Machine for Golf Clubs**

Hilmac Corp., Box 650, Sheboygan, Wis., is marketing the Club Cleaner, described as an electric club washing machine. Powered by a 3/4 hp, 110 volt motor, the cleaner scrubs dirt and ball marks quickly from woods and irons. It has nylon brushes, separate access doors for woods and irons and internal illumination. Club Cleaner is available in a bench model, ideal for pro shops, and a coin operated model for ranges, semi-private and public courses.

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**Changes in Plymouth Staff**

James G. Hogg, pres. of Plymouth Golf Ball Co., Plymouth Meeting, Pa., has announced the following additions to and changes in his firm's staff: Bob Jones is now in charge of pro sales in the Mid-Atlantic area; David Campbell, former senior accountant with Main & Co., is company controller; William Whitaker, former production mgr. has been appointed vp, manufacturing; and Joan Russell has been named secy.

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**Borm Markets New Type of Putter**

Borm Mfg. Co., Big Timber rd., Elgin 6, Ill., is marketing the new Mark-N-Putt with a patented built-in marker. A simple tap on the green leaves a white spot to mark the ball's position. As a club, the Mark-N-Putt is said to be expertly balanced. It comes in short, medium and long shaft lengths.

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**Comptometer Firm Purchases Worthington Ball Company**

Sale of the Worthington Ball Co. of Elyria, O., to Comptometer Corp. of Chicago was approved by Worthington stockholders early in Nov. The purchase, price not announced, was accomplished by a cash consideration. According to J. A. Schram, Comptometer pres., the Elyria plant will continue to produce the complete Worthington line of balls including the Sweet Shot and Les Stroke. Last year the plant had an output of more than 12 million balls. When announcement of the sale was made, Schram pro-