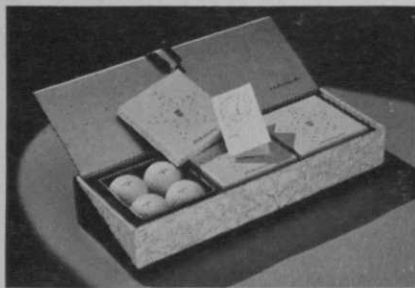




Executives of the Horton Manufacturing Co., Bristol, Conn., met at Garden City recently for their annual get-together. Paul Runyan, Metropolis pro, and Al Brosch showed the way in the golf end of the meeting with a 72 and 73 respectively. The cameraman 'caught' the above group just after the completion of their rounds. Left to right: Morton Treadway, Runyan, Brosch, Herbert Lagerblade, C. T. Treadway, Tom Higgins and Joe Anderson, asst. pro at Garden City. (Hoyt photo).

be removed and a secondary valve automatically closes—shutting off the water. The insertion of the main valve unit again opens this valve. Changes can be made in these valves under pressure without any appreciable leakage.

Spalding answers Christmas' call-to-colors with a brilliant patriotic golf ball gift package every golfer will be proud to give and to receive. The packages, exceedingly smart, are built of rich colonial blue with engraved gold shield



antique parchment leatherette cabinet constructed. It is a gift in itself of many uses cigarettes, jewelry, gadgets.

Designed in three boxes of four balls each, the package will make three individual presents or one grand gift altogether. Boxes are filled with Spalding's famous Dot, Dash or Double Dot balls, for the three types of golfers. Same box is also available in half dozen size.

Evans Implement Company, 569-71 Whitehall St., S. W., Atlanta, Ga., reports that its Fairway Hoe, which has been received so enthusiastically by users since it was introduced just 2½ years ago, has again enjoyed a good sale during the past season. The company announces also that materials on hand are adequate to assure prompt delivery on all orders this fall and for next year.

Typical of the comments of Culti Hoe users are the following: "We find the Culti-Hoe the best means of working our fairways; it breaks up the top crust, allowing water and air to get to the roots of the grass where the most good is obtained. We find it also does a fine job in ploughed ground to crush clods and level the surface to a fine finish." "The Culti-Hoe is almost a necessity to the proper care of fairways in that its use softens the fairways, keeps the crust broken and thereby aids ma-

terially in the growth of the grass."

The Evans Fairway Hoe will aerate and cultivate turf at the rate of 40 acres a day with a tractor. Weight is approximately 870 lbs., and is strong enough to support any weight without bending prongs, where additional weight is needed to get proper penetration in heavily crusted soils. The low cost of the Culti-Hoe will surprise you, too. For complete details on the Evans Fairway Hoe, and also for copies of the new Evans price list and catalog, write the Evans Implement Co., Atlanta, Georgia.

Comprehensive Soil Test Service Offered Greenkeepers

By L. E. Allen, Service Division,
American Agricultural Chemical Co.

A survey just completed among leading Metropolitan golf courses shows an increase of up to 25% in the total number of rounds of play in the 1941 season, and greenkeeping superintendents who keep their eye on trends expect a further upswing, due to the general increase in purchasing power and the natural tendency to offset wartime tension with golf.

This survey also indicates that budget committees are, for the most part, anticipating no substantial increase in their operating budgets for the coming year, with the result that greens committees and greenkeepers are faced with the necessity of providing for heavier play on just about the same appropriation as this year's.

To help meet this situation, The American Agricultural Chemical Co. plans extension of a comprehensive soil test service, designed to help those charged with maintenance problems in making the most out of the limited sum of money available for plant feeding.

In the course of our survey, we asked greenkeepers this question: "What value do you place on a well-kept green—that is, how much money do you think a first-class green represents by way of capital investment?" We got some answers which may surprise you, until you stop to think about it. A number of greenkeepers worked out definite figures of expenditures for materials and labor over a 5-year period and we came up with the average that each green represents an investment of 425 man-hours a season, which plus supervision, equipment and materials means an investment of over \$2,000 per green in a 5-year period. Any green-committee can easily figure it out for



The old golf ball washers shown in the picture above have lost their "lives" due to the eye appeal and performance of the new Lewis Paddle-Type washer. Since the time this new washer was announced, along with a special trade-in allowance, in the February, 1941, GOLFDOM, hundreds of old washers have been turned in. The offer was good on any washer regardless of make. Lewis Washers outnumbered the combined other makes about 10 to one. Some traded in had been in continuous service since 1929.

One batch of washers traded in had been the victim of the "Armistice Day Freeze" of 1940 that caught Southern courses by surprise. Their sides had been bulged by the solid ice that formed in a climate that ordinarily never has more than a "nipping frost" all winter long.

Due to its success the past season, the trade-in allowance will be featured again for the 1942 season.

Shown at left is the new Lewis Paddle-Type washer.



themselves, but any way you figure it, good turf, and first-class greens in particular, represent a very substantial investment—which is as it should be, for good turf is the basis of good golf and player satisfaction.

Our field representative takes adequate samples from different parts of the course. These samples, which are reasonably representative of the soil of the course as a whole, go to our soil test laboratories where the soil is put through a series of tests using modern scientific equipment, manned by experienced soil scientists. Our trained agronomists then analyze the findings of the soil test laboratory and submit a report to the greenkeeper, accurately reflecting the condition of the soil and suggesting the method of plant feeding that will produce best results.

In the course of many years' experience with turf feeding problems, we have also accumulated a lot of experience on the subject of insect control and other problems which are a part of the job of good turf maintenance. Thus, in addition to well-grounded advice on turf feeding, we try to be of service in these other related problems.

How this service works out is illustrated by a typical example. The Fairfax (Va.) GC is a beautiful semi-public course, just one year old, and it scored an instantaneous success—so much so that it will be substantially enlarged in the near future.

This course was built on what had once been a farm where the soil was very much run down. Soil samples having been analyzed, lime and fertilizer were applied in accordance with the recommendations of our agronomists at the rate indicated for best results—in this instance, using on the greens a high application of the Agrico Country Club fertilizer grade specially formulated for

greens, and applying the Agrico Country Club fairways formula on the rest of the course at the rate of 600 lbs. per acre.

Shortly after the course was seeded in September and October, 1940, heavy rains fell. The winter was none too favorable. During April and May

there was a severe drought with less than an inch of rainfall. But W. H. Glover, greenkeeper at Fairfax, was able to open the course for play on May 25, 1941, in time for a heavy Memorial Day weekend. Glover, who is widely known for successful results in golf course building and maintenance, re-



W. H. Glover

ports that the new turf stood up surprisingly well under total play which has exceeded all expectations.

Experiments are being conducted on the Fairfax course, under Glover's direction, in cooperation with Dr. John Montieth, Director of the USGA Green Section, with a view to developing a turf with maximum disease resistance for greens.

"So far as I am concerned," Glover says, "I would like to urge budget committees not to budge one inch on their plant food budgets. Our experience at Fairfax has again accentuated the fact that adequate feeding is essential for good turf. Experts who visited our course this summer, which mark you, was only seeded last September and October, remarked at the exceptional condition of sod less than a year old and asked how we did it. 'I told them that a large part of the credit goes to adequate use of Agrico Country Club

● BENT GRASS ●

BOTH SOD AND STOLONS

Vigorous, healthy stock that develops fine, true putting surfaces. Write for full information.

HIRAM F. GODWIN

Box 122, Redford Station, Detroit, Michigan

fertilizers, which are not only specially formulated for greens and fairways respectively, but are properly balanced with all the essential plant foods for both quick-acting and long-lasting results."

The American Agricultural Chemical Co. invites

Robert Bruce Harris

**GOLF
& Landscape Architect**

664 N. Michigan Ave., Chicago, Ill.

Phone: Whitehall 6530

all courses to use its free soil test service by writing the company at 50 Church St., New York, or by communicating with the nearest of 33 Agrico factories and sales offices in the United States, Canada and Cuba.

WANT ADS: Rates, 10c Per Word — Minimum, \$2.50

For Sale: Florida Country Club, on main highway south of Tampa. Eighteen-hole course, Championship layout. Good buildings. Beautiful tropical scenery. Clear title. Good investment. Address: Ad 1001, % *Golfdom, Chicago.*

Professional-Greenkeeper—Open for '42. Knows greenkeeping as well as golf. Age 26, married. P.G.A. member. A-1 credit. Best of references. Your inquiry welcomed. Address: Ad 1002, % *Golfdom, Chicago.*

Scotch born professional of twenty years experience desires change. Successful instructor. Experience in course maintenance and club management. P.G.A. man. Can furnish highest references as to character and credit. Age 40. Married. Will consider any reasonable offer. Address: Ad 1004, % *Golfdom, Chicago.*

Pro-manager seeks change. Have had experience as general manager in charge of clubhouse and grounds, and all club property. References and reputation A-1. Address: Ad 1010, % *Golfdom, Chicago.*

Manager-pro-greenkeeper—25 years experience all departments. Student of prominent greenkeeping course. 40. Pleasing personality, clean habits, best references. Desire complete charge of medium-sized club. Can make personal application. Address: Ad 1012, % *Golfdom, Chicago.*

Pro-Greenkeeper desires all year round southern location. 25 years experience in all phases of the game. Pleasing personality, clean habits, best of references. Available now. Address: Ad 1011, % *Golfdom, Chicago.*

Pro-Manager—wife expert cateress, cook, seek new location at club having at least 150 members. Now employed, but want club with greater earning possibilities. This combination can handle every club department. Expert teacher, player, and experienced manager. Credit is A-1, references are of the highest, pleasant personalities; competent, reliable in all phases of club work. Address: Ad 1013, % *Golfdom, Chicago.*

Professional—Desires change. Age 27. Class A member of P.G.A. Experienced in teaching and playing. References. Please state in first letter full particulars. Address: Ad 1014, % *Golfdom, Chicago.*

For Sale—Beautiful 18-hole golf course, in perfect condition. Mid-western city, clubhouse and residence, semi-private. Liquor license. Equipment complete. Active membership. Terms to suit. Address: Ad 1020, % *Golfdom, Chicago.*

Manager-greenkeeper—available. Has fine record of 15 years' club service. Can manage all types of help, and produce results. Knows grasses and course conditioning thoroughly. Age 38, married, any location. Highest references. Address: Ad 1017, % *Golfdom, Chicago.*

For sale at one third the original cost, a going semi-public eighteen-hole golf course close to a good midwestern city of ninety thousand. Beautiful clubhouse completely furnished, and full line of course equipment. Must sell to settle an estate. Address: Ad 1000, % *Golfdom, Chicago.*

Young pro-manager desires winter connection in any club capacity. P.G.A. member, 6 years at present club. Excellent record as successful teacher and operator. Available immediately. Address: Ad 1021, % *Golfdom, Chicago.*

Pro-Greenkeeper—would like winter location with year round possibilities. Would consider northern club having long season. Married, aged 26. P.G.A. member, A-1 credit. Clubhouse experience. Address: Ad 1005, % *Golfdom, Chicago.*

Golf Course Wanted—Responsible, experienced pro-greenkeeper desires to lease or buy course fully equipped. Give details of course, proposition and previous management in first letter. Address: Ad 1006, % *Golfdom, Chicago.*

Greenkeeper with many years successful experience as greenkeeper and pro-greenkeeper at noted clubs and in construction of famous courses seeks new location in east or midwest. Long time in present location. Personal reasons dictate change. Outstanding record of thrifty achievement in course maintenance. Hard worker, resourceful and thoroughly reliable. Highest recommendations. Please outline proposed arrangement and job in letter. Address: Ad 1016, % *Golfdom, Chicago.*

Professional wants winter position in South. First class teacher (have given over 25,000 lessons). Would accept pro-manager position in small club. Address: Ad 1003, % *Golfdom, Chicago.*

Club Officials—Are you seeking high grade Managers, Stewards or Bookkeepers? Write: Club Systems Service, 5540 Hyde Park Blvd., Chicago.

Pro-Greenkeeper wants Florida winter job. 19 years experience teaching, playing and greenkeeping. Good appearance and personality. Wife expert cateress. Address: Ad 1018, % *Golfdom, Chicago.*

12 years experience as pro-greenkeeper in Midwest and South. At present superintendent one of Midwest's most prominent clubs. Desire change because club's financial difficulties. Either straight maintenance or combination. Address: Ad 1019, % *Golfdom, Chicago.*

Wanted—Pro and wife to operate 9-hole grass golf course in Colorado. Pro to operate course and wife to operate clubhouse. Year round job. Excellent opportunity. Highest recommendations required. Address: Ad 1009, % *Golfdom, Chicago.*

Club manager and golf professional, both capable men, desire to buy or lease Southern golf club or golf club concession. Highest references. Address: Ad 1007, % *Golfdom, Chicago.*

Pro. Married, 10 years in same position, in North. Desires position in South. Good habits, class A PGA member, will go anywhere. Best references will be furnished. Available November 1st to April 1st. Also, no children, age 36 years. Address: Ad 1008, % *Golfdom, Chicago.*

Greenkeeper—15 years experience, expert in maintenance and construction. Will maintain course in best possible condition at minimum cost to club. Age 38, married, can go anywhere. References on request. Address: Ad 1015, % *Golfdom, Chicago.*