installed an excellent water main system to provide watering of the entire 18 greens simultaneously. This innovation has proven a boon to the condition of the course and places it among the finest of the municipal type. Water is secured from artesian wells in any quantity desired.

The Commission has also planned for forestation on the course to add to its beauty and natural hazards. Untiring work in administration has proven its work and the public of New Haven and vicinity are justly proud of its management in the hands of capable officials.

The season starts on the first day of April and the continuous traffic on the course has been a terrific strain on the upkeep. The schedule of maintenance for the course has been capably mapped out so as to give but little interference in the play of the public. From dawn till dark, the play on the course is in a steady stream. As many as 885 golfers have played it in a single day. Tickets for 9 holes (35c) and 18 holes (75c) are sold at the course while a seasonal membership ($15.00) can be purchased at the executive offices of the Park Commission, of which 362 were sold in 1932. A daily check-up of season players is made by means of the holder receiving an automatic register ticket and signing his name at the club-house office. In this manner the Commission may determine the number of season ticket holders who play every day. This seasonal membership, at a minimum fee, is restricted to residents of New Haven and East Haven only and carries with it the right to play any day for as long as one wants during the golf season.

Green-fees to date have amply carried all expenditures and leave a balance for improvements to be carried out. Play on the course on all days except Saturdays, Sundays and holidays is open to anyone regardless of place of residence. On these special days it has been found necessary to restrict the play to local residents only because of the extra burden of traffic. This ordinance is effectively carried out by the efficient policing of the park employees.

Because of the popularity of the game, the success of the administration policies of the Park Board, the genuine recreational value of the game and the proof by the administering officials that municipal golf can pay its own way, the public of New Haven are clamoring for another golf course. Over 326,000 players having played the course in less than four years of operation argue well for local chasers of the little white pill.

"Hidden Assets"

In the parlance of golfers, as in drama, "the play's the thing." However, to people that are responsible to the public to give them the utmost in service for the gratification of their games desire, the technical points are to be considered. A few salient facts pertaining to the management of the New Haven Municipal course are here dwelt upon to point out a few of the "hidden assets" which are responsible for the wonderful condition the course is in.

1. Two and one-half acre nursery (stolons) for the repatching of disease-infected greens, enlargement of same or for new greens built on the proposed new municipal golf course. (The amount of greens

The Maintenance equipment at New Haven, as indicated from this photo, is more complete than the equipment at many private clubs.
surface available is enough to build nine large greens.)

2. Cups changed twice a day on Saturdays, Sundays, holidays or days when traffic is heavy. Three times a day after a rain storm or heavy showers.

3. Greens watered nightly by means of a large sprinkler which is constantly attended and reset by night workmen.

4. Fairways watered on an average in 1932 of twice a week.

5. Sprinkler system operated by centrifugal pump with a capacity of 200 gallons per minute.

6. Heavy topdressing put on all greens in late fall and early spring. Topdressing is well-rotted compost aged two years. Topdressing of the greens is then carried on lightly every 35 or 40 days, depending on the need due to traffic or other conditions.

7. All work in traps, raking, etc., is gone over daily.

8. No job left partly done or in any manner to disrupt play or slow up play on course. Capable management has proven that New Haven can handle 90,000 golfers in less than eight months without a hitch.

9. During “brown-patch season,” mercury compound sprayed on the greens and nursery once a week by means of power sprayer. This job which takes about four hours was sometimes started at 3 A. M. to insure the chemical seepage into the structure of the greens.

Players Organized

We are fortunate in having our course represented by the New Haven Municipal Golf association in the Connecticut Public Golf association and the New England Public Links association. This group of men, composed of some of the leading golfers in New Haven (municipal players only) approached the Commissioners with a plan to make for more cooperation between the administering officials and the golfers. With the sanction of the Commission this organization was founded and thrived so successfully that the conditions of play on the course have already shown the signs of perfect cohesion brought about by the forming of this group. The organization which includes several park employees is a real live working club sponsoring tournaments, participating in State and New England meets and very creditibly representing and upholding the fair “City of Elms” in the golf world.

The association meets at least once a month and the Park Commission endeavoring to instill a deeper spirit of cooperation has given it the privilege of using the clubhouse for all meetings. This keeps the members right in the golf atmosphere. Most of the individual complaints are now ironed out by acquaintance with the “etiquette of golf” which is one of the prime motives of the organization’s policy of golf progress.

The forming of this association is in general line with other progressive moves in municipal golf in New England. It enables this group to participate in all public golf tournaments throughout New England excepting those restricted to individual organizations. It is the aim of this group to bring more competitive golf into being on our municipal course. Other lesser tournaments were sponsored by local clubs or organizations and used the facilities of the course.

A concise statement of our success in operation of our municipal golf course:

From opening May, 1929, to Oct., 1932

| Gross receipts since opening | $155,656.18 |
| Total refectory receipts | 31,742.88 |
| Total skating receipts* | 1,196.80 |
| Total links’ operation | 122,716.50 |
| Total approximate No. of holes played | 3,683,398 |

1932 Results

Gross receipts ...................... $ 35,890.80
No. of players—18 holes........... 7,011
No. of players—9 holes............ 54,482
No. of players—season tickets..... 22,411
Total No. of players 1932 season to Oct. 1, 1932 ............... 83,904

*Note—We have a stream on the course that is dammed to form a lake for ice skating. A portable checking house was erected and charges made for clothing checking and pop, candy, soda, etc. No charge made for skating.

The gross income to date, Oct. 1, 1932, $155,656.18, represents over 92% on the original outlay of $168,950.25.

B u i l d a sand trap and if possible a small green in one corner of your practice field. Members will appreciate the opportunity to practice explosion and other shots from the sand and to polish up on approaching to the green.
Prof. Dickinson to Give Pros Greenkeeping Pointers

Prof. L. S. Dickinson, Massachusetts Agricultural college, Amherst, will address members of the Michigan PGA, March 16, at Detroit, and PGA members in the Kansas City territory on March 18. These lectures on greenkeeping policies and practices are part of the PGA educational program.

Dickinson, one of the pioneers of greenkeeping short courses, is an acknowledged authority on course maintenance. Pupils of his courses at Amherst are among the best known of the greenkeepers and pro greenkeepers in the country.

Boast of Greenkeeping Being Only "Horse Sense" Backfires

A prominent green-chairman, whose interest in the welfare of greenkeepers has been exhibited frequently, recently expressed the opinion that one of the worst policies greenkeepers can follow is to repeatedly say "there’s nothing to greenkeeping but common horse sense."

This official points out that a major reason for greenkeepers’ pay being low and pro-greenkeeping displacing first class greenkeeping specialists is because clubs have taken the greenkeepers at their word on this “horse sense” statement. He further comments: "Greenkeeping isn’t, of course, just simple horse sense. Its baffling technical problems, its complex chemistry and its serious details of labor management make greenkeeping a job that requires extensive use of practical science and constant research by able men.

"Merely considering the vast amount of involved and perplexing work being handled by the scientists of the USGA Green Section shows that greenkeeping is a long way from being just as simple as 'horse sense'" continues the chairman. "Greenkeepers who have boasted superior 'horse sense' is their major qualification, haven't been showing good common horse sense in building up a proper realization of their jobs and have retarded their profession in its hope of getting something like the money the greenkeepers’ responsibilities warrant. By limiting the qualification of a good greenkeeper to ‘horse sense’ these men confess an ignorance of the true qualifications of a greenkeeper."

Here’s Fine Pro Help from Understanding Members

The model, concise house-organ of Bonnie Briar (New York district) C. C., the News, carries a paragraph that shows what valuable aid a pro gets when members and officials are made acquainted with his problems and possibilities. Such recognition is one of the reasons why young Sal Du Buono, the club’s professional, promises to develop swiftly as one of the star business men of the younger pro group.

Under the heading “Give Sal a Break,” the News says:

Attention of the membership is called to the fine stock of clubs, accessories and wearing apparel that our Pro has for sale in his shop. Your Pro is your doctor—and he needs your patronage. His sales are limited to the membership of the club, and all things being equal—you should buy from him.

He has all priced clubs and all priced balls—and his prices are as cheap, or cheaper, than the New York stores who, lately, have taken quite a bit of his business. If you want merchandise cheaper than he is carrying—tell him so. He will get it for you by the following week-end. He can special order anything you want and if cheaper brands are desired by the membership—he will put them in on request.

There is one great advantage in buying from your pro. He will conscientiously fit your clubs to you and you have the opportunity before buying them of trying them. And you can do this with his personal, much-interested advice.

Course Equipment for Play Is Ruled Taxable

Internal Revenue authorities have ruled taxable under section 609 of the Revenue Act of 1932 and article 54 of Regulation 46 equipment designed exclusively for use in playing golf: Flag poles, flags, hole rims, tee markers, direction flags, yardage markers, “Do and Don’t” signs and tee bag racks.

The authorities ruled not taxable, articles used in preparing a golf course for play or not designed exclusively for golf. Hole rim extractors and hole cutters, sprinklers, mowers, grass seed, fertilizers and chemicals come under the non-taxable classification.
LIVE IN THE NEW SMART CENTER OF NEW YORK

The Hotel Montclair is located in the very heart of the fashionable Park Avenue district—the world-famous residential and shopping center of New York's elite. 800 sunny outside rooms. Every room with bath, shower and radio. Adjacent to Grand Central and B. & O. Bus Terminal . . . only a few minutes from Pennsylvania Station.

NOTHING FINER IN HOTEL ACCOMMODATIONS AT THESE RATES

SINGLE ROOMS from $2.50 to $5.00 per day. WEEKLY from $15.00
DOUBLE ROOMS from $3.50 to $6.00 per day. WEEKLY from $21.00

HOTEL MONTCLAIR
Lexington Avenue, 49th to 50th Sts., N. Y. C.

WWGA Junior Tournament Suggests Pro Interest

WOMEN'S WESTERN Golf Ass'n Junior championship, to be played at Evanston G. C. (Chicago district) July 24-27, should have one of the biggest fields of the 1933 season if pros in the WWGA district get on the job. The Women's Western territory extends west from a line drawn north and south through Buffalo.

The championship is open to girls under 18 who never have competed in a Women's Western major championship. There is no entrance fee and there are enough flights to make sure that every player has competition.

Although the championship is the only major championship for girls in the country, its field in 1932 was only 32 players. This year with the Century of Progress exhibition at Chicago it is expected that a number of families may be visiting the Chicago territory around the time of the WWGA Junior championship so the lassies could play in this championship.

Almost every pro has several girls he is confident would make great players were they aroused to a keen interest. Fathers and mothers are interested in the golf development of these youngsters. So if the pros don't step into this opportunity for making themselves stronger with parents by training candidates for the WWGA Junior championship, they are missing one of their best bets.

Advanced Short Course Planned at University of Chicago

Some "HIGHER EDUCATION" in greenkeeping is to be provided by a short course to be held at the University of Chicago, the latter part of March. Definite dates are to be set and details of program arranged at a meeting of the Midwest Greenkeepers' Assn., Sherman Hotel, Chicago, March 8.

Under direction of Dr. Kraus and Dr. Harrison of the U of C, a group of greenkeepers limited to around 15 because of shortage of laboratory equipment, will be given schooling in the elements of plant physiology.

HIDDEN SAND traps are unfair. Sand should be thrown part way up the banks so that they are clearly visible from where the shot is being played, provided the hole is being played correctly.
TOO MANY water hazards are an architectural defect on any golf course. The prime purpose of hazards is to penalize inaccuracy, but they are of further value in inspiring a player in trouble to rise to super-golf and overcome the difficulty by a fine recovery shot. But a ball in a water hazard is rarely playable—it must be lifted and a penalty taken; no chance for recovery.

Two or three water hazards are about the right number for a course. Without them, home club players will be up against a terrific mental hazard when called upon to negotiate water carries at other courses.

NEW MOVIE TEACHING IDEA STARTED AT ST. LOUIS

St. Louis, Mo.—E. H. Brune, 3835 S. Spring St., a photographer, and Mayer Winkler, golf enthusiast, have united forces to develop a golf motion picture instruction method they tag as "Golfoto—for Reel Form."

The outfit, which sells complete for $300, consists of a Bell and Howell camera and projector and a number of backgrounds against which the pictures of the pupil's golf swing are taken in slow motion. On these backgrounds are wing mirrors, giving not only a straight-on shot but an opportunity to check faults in the swing on a lateral plane.

The backgrounds have diagrams of vital points of the proper swing so in projection the picture can be stopped at any time and the pupil's attention called to variation from the model background.

A complete golf swing, according to the Brune tests, requires about 10 feet of film at the slow motion rate of exposure.

CRAWFORD McGREGOR APPOINTS SIX NEW DISTRIBUTORS

Dayton, Ohio.—Crawford, McGregor & Canby Co. have completed arrangements whereby the MacGregor line will be offered pro shops and sporting goods dealers by newly appointed representatives in six areas of the U. S.

Edwin J. Hughes, Jr., Inc., Empire State Bldg., New York City, will act as direct factory representative in New England, eastern New York and Pennsylvania, and the states of New Jersey, Delaware, Maryland, Virginia, North Carolina and South Carolina.

Paul Smith, of Golf Supply Service, Finchley Bldg., Chicago, will represent Crawford-McGregor in the Chicago district, handling both the pro and dealer trade.

Pro trade in California and Arizona, and dealer trade in Arizona and in California south of Bakersfield will be contacted by a
Adjustable to Any Pressure

NEW GREENWAY ROTARY SPRINKLER
One of five new Dayton Sprinklers for Golf Courses. Slow-Motion head won’t wash or puddle. Adjustable while in operation. Surprisingly low-priced. Catalog.
DAYTON IRRIGATION CO., Dayton, Ohio
Eastern Distrib.—Dayton Irrigation Systems, 151 E. Post Rd., White Plains, N. Y.

SCORE CARDS
Took Their Fourth Cut for 1933!
Each of our five styles at new lows with prices ranging from $18 to $30 for 5,000 quantities.
Samples on request to all clubs
JOHN H. VESTAL CO., PRINTERS
703 South La Salle Street - Chicago

Coming to Chicago?
Chicago’s most interesting hotel offers you unequalled luxury at low rates. In the heart of Chicago’s Rialto with its brilliant night life—close to stores, offices and railroad stations.
UNEQUALED CONVENIENT LOCATION
and
YOU CAN DRIVE YOUR CAR RIGHT INTO HOTEL SHERMAN GARAGE
1700 ROOMS
1700 BATHS
FROM $3

PRICES CUT ON 75 CENT BALL; NOW 65 CENTS RETAIL
Chicago, Ill., February 28.—Local branch of the United States Rubber Co. was notified late today that retail price of the company’s 75 cent golf balls had been lowered to 65 cents apiece; two for $1.25 and a dozen for $7.50. New price to the pros is $5.60, less 5 and 2.
Price of all leading manufacturers probably will be the same as no one of the major makers of golf balls hankers for price wars. Revision of the single ball price brings it down practically to the basis per ball of prices in dozen lots under the previous prices.
Just what this will mean in passing on the dimes to the customers is difficult to estimate because of lack of figures on retail sales in dozen lots. As good a guess as any is that when the new price schedule is officially announced as adopted by all the leading ball makers (as is probable within the next few days) the players will have their annual golf bill cut somewhere in excess of $50,000.

TAM TAPE, PRO’S PRODUCT, IS PUSHED BY PALS
Orchard Lake, Mich.—Jimmy Anderson, sec’treas. of the Michigan PGA, and pro at the Pine Lake C. C., is one of the smart laddies who is working up a good business in addition to that at his club. Jimmy has Tarn Tape, a tape that is “guaranteed to
come off clean." The material sells for 25c retail; two yards of the tape being packed in a handsome tin box. There is a good profit in it for the pro.

Several of the leading golf goods companies are handling this tape for Jim but if you can't get it from your salesman write Jim direct at the Tam Tape Co., P. O. Box 24, Orchard Lake, Mich.

GOLFDOM'S testing laboratory can heartily recommend this tape. Jim gave our chief tester and Jack Gordon both samples of this tape. What Jack did with his we don't know but ours has been used successfully to repair a typewriter, keep a bottle tight, bandage an airedale's marks of battle and repair a kid's finger hacked by a jack-knife. Tam Tape is versatile stuff.

Send Jim your orders. He runs a big indoor school during the winter and the landlord will appreciate your dough.

SWINGMASTER, NEW PRACTICE IDEA, JUMPS TO BIG SALES

Chicago, Ill.—"Swingmaster," a practice device that slips over the head of any wood club and gives additional weight recommended for grooving the swing, has jumped into big sales within 3 months since its introduction.

Pros in the south, southwest and western states have found the device a "natural" as a $2.00 retail item, with a good profit for the pro. The heavy head idea for practice is being successfully employed by several of the leading American pros now. Golf Illustrated of London, several weeks ago had three separate stories, among them one by Henry Cotton, on the merit of the Swingmaster as a practice contrivance for men and women.

The Swingmaster is the invention of B. W. Knight, a member of the Rigemoor C. C. of Chicago and is made by the B. W. Knight Mfg. Co., 450 E. Ohio St. It was
Appearances Are Highly Important

The appearance of your course is the best salesman you’ve got.

With the GRAVELY MOWER you cut everything. No tall weeds left standing to give that ragged effect.

With the Swivel Action Cutter Bar in front of the Single Wheel Machine, you can mow the steepest hill sides or go into any corner. Quickly changed into a Rotary Mower pleasingly different from anything on the market.

Reduces mowing costs. Improves appearance of course. Write today for Free Booklet.

Box 100, Dunbar, W. Va.

DIAMOND

Steel Center Tractor Spud is sharp until completely worn away. Will not harm turf. Write for details.

DIAMOND CALK HORSESHOE CO.
4702 Grand Ave., Duluth, Minn.

Cut Cost of Treating and Fertilizing Your Greens Way Down

McCLAIN HYDRO-MIXER

Treats a Green in 10 to 15 minutes by pumping only 25 gallons of water. Insures perfect application of soluble Fertilizers, Fungicides, Vermicides, etc. Reduces labor costs to bottom. Faster than power rig. Eliminates sprinkling carts and expensive sprayers. A real money saver. Write for details.

McCLAIN BROS. CO., 121 2nd St., CANTON, OHIO

METROPOLITAN and WASHINGTON CREEPING BENT STOLONS
Cheaper than you can grow them. I will have a supply of excellent Stolons of the Metropolitan and Washington Strain of Creeping Bent, which are now ready for Spring delivery. Let me book your order now. Special cash prices.

Dr. H. B. PACK, Blacksburg, Va.

put on the market at pro shops in the winter territory and at retail stores in the North around Christmas time.

Worked Out a Way to Beat Clover and Brown-Patch

By W. E. PETERS

Manager, J. J. Lynn Estate and Private Golf Course

Six years ago this spring I became manager of the J. J. Lynn estate and private course at Kansas City. Although the course had a great deal of natural beauty, there were obstacles that marred the general appearance and playing qualities.

Ever since the course had been built, the greens were covered with clover and brown-patch. Several preparations had been tried without any great success. One of the reasons for this stubborn condition was the fact that almost every green presented its own individual problem.

For instance, Number Four is in a valley where it is impossible to get any circulation of air. The green is so situated that it did not get the morning sun, but it gets baked by the afternoon sun. Number Five is a bowl green with a depth of six feet, in a most attractive spot. But like number four, it is shut out from natural air currents. However it differs from number four in that it receives the morning sun but absolutely no afternoon sun. These were just two of the conditions that had to be met. I had been doing much research work during my years of service in golf course maintenance. Here was a condition which taxed me to the utmost. I began experimenting with various chemicals; by the end of the first year had secured some excellent results. During the second season I hit upon a combination which worked marvels. I found that I was able to do away with clover entirely and that I had control of brown-patch.

My success on the Lynn course led me (Continued on page 60)

Cushions and aerates turf, retains moisture, checks harmful bacterial and fungus growths.

Easily applied. Cannot rot, dust or soil shoes and clothing.

AVAILABLE THROUGH GOLF SUPPLY HOUSES AND FEED STORES OR WRITE

WOOD CHARCOAL RESEARCH BUREAU
P. O. Box 356
JACKSONVILLE, FLORIDA
Classified Ads.

Rates: 10 cents a word per issue. Minimum charge $2.50

An advertisement in GOLFDOM saves the club officials time and money by getting responses from the best men available. The club department heads who advertise for positions in GOLFDOM obviously identify themselves as men who go after their problems in the right way. They are good men for you to give preference.

Representatives Wanted—The manufacturer of a recently perfected device, tested and found successful by experts, wishes to contact a man in each locality who has $125-$375 to invest, depending on size of territory. Investment secured by merchandise. Returns are certain and commensurate with effort applied. Product has proven ready market and NO COMPETITION. Any man who has sold Greenhouses, Golf Courses, Cemeteries, Public Park Systems, etc., will find an unusual profit opportunity and repeat business in this device. Write qualifications in full. Address: Ad 1404, % GOLFDOM, Chicago.

Club Manager & Wife would like to connect with a golf or country club, with or without concessions. Twenty years’ experience and references covering that period. Address: Ad 1403, % GOLFDOM, Chicago.

Assistant pro who can manage a shop, teach and make clubs. Must be of neat appearance, cheerful, business-like personality and willing to work hard. Only first-class young men with good references need apply. Address: Ad 1405, % GOLFDOM, Chicago.

Pro-greenkeeper desires to hear from club that is in need of an all around man. Best of references as teacher and greenkeeper. Especially good on construction work. A-1 credit with all sporting goods houses. Will give you an up-to-date golf shop. 37 years old; sober. Have family and will stay on the job. Address: Ad 1406, % GOLFDOM, Chicago.

Wanted to buy, nine or eighteen hole golf club in good location. Send detailed description and available photos. Write Ad 1407, % GOLFDOM, Chicago.

Agronomist-Economist offers reasonably in cooperation with several clubs diagnosis advice supervision. Eastern Pennsylvania and New Jersey preferred but other inquiries invited. Address: Ad 1408, % GOLFDOM, Chicago.

Pro-greenkeeper—highest recommendation. Successful experience in course construction, clubmaking, instruction and clubhouse management. Present location in Adirondack section. Weather conditions makes change advisable. Age 29; married, two children; wife to act as hostess. Will go anywhere at low salary and with guarantee of concessions. Address: Ad 1409, % GOLFDOM, Chicago.
Friends asked that I share my discovery with other golf course managers and greenkeepers throughout the country. Goodness knows I had enough to keep me busy with my two positions here in Kansas City but I finally decided to take the step. The result of this effort has now taken shape and the preparation I discovered is put up in 25- and 100-pound packages under the name of Tonagren. I will gladly write to any interested greenkeepers and tell them how they can use Tonagren to eliminate clover and brown-patch.

Greenkeeper—8 years with present club, desires position. Practical experience for past 20 years in all branches—construction and upkeep—proven low cost operator. References. Address: Ad 1402 % Golfdom, Chicago.

Greenkeeper, reliable, highest recommendations; first-class maintenance on lowest possible budget, wishes position owing to present course being abandoned. Builder of four well known courses. Depression salary $100 monthly. Age 47, married. Address: Ad 1302, % Golfdom, Chicago.

Well known greenkeeper with best of recommendations and thorough experience in maintenance and construction at low cost, is open for position in prominent club at moderate salary. For full details address: Ad 1200, % Golfdom, Chicago.

Club Repairer—Good shafter, wants connection with club in New York district. Varied experience over period of five years. Can furnish references from reputable club. Address: Ad 1303, % Golfdom, Chicago.

Greenkeeper, unattached, twenty-five years with reputable club, wishes location. Best of references. Low well balanced budget on labor and expense. Member of N. A. G. A. Will go anywhere. Address: Ad 1301, % Golfdom, Chicago.


Pro wanted by daily fee course in live Kansas town. Good chance for an active, able and trustworthy young man to build up a good income for himself. Send complete details of experience in first letter. Address: Ad 1418, % Golfdom, Chicago.

Experienced Chicago professional seeks position with club of 250 members or more. First class player and competent teacher. Formerly assistant to two of game’s best professionals. With present club six years. University graduate. Best of references as to character, personality and ability. Write: Ad 1419, % Golfdom, Chicago.