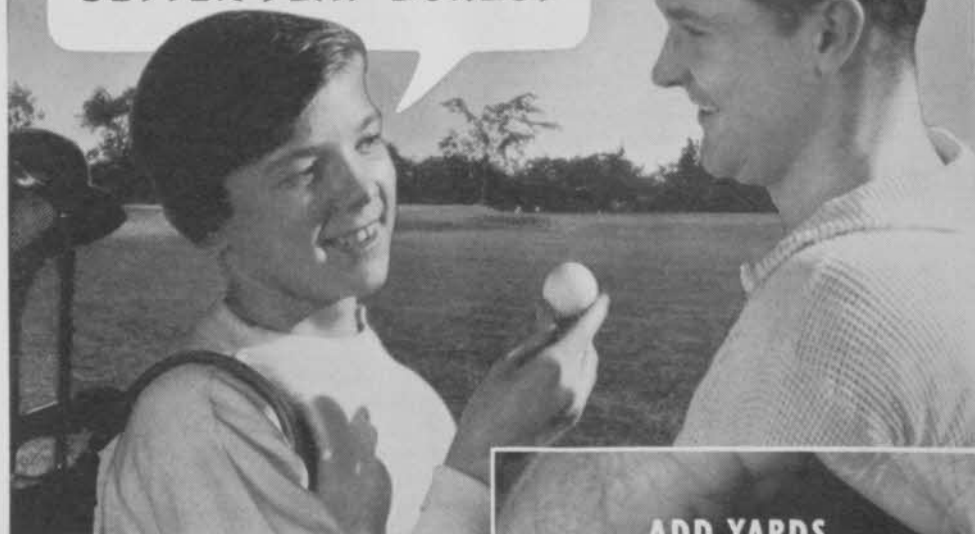


**YOU'LL NEED LENGTH
ON THIS ONE, BOSS—
BETTER PLAY DUNLOP**

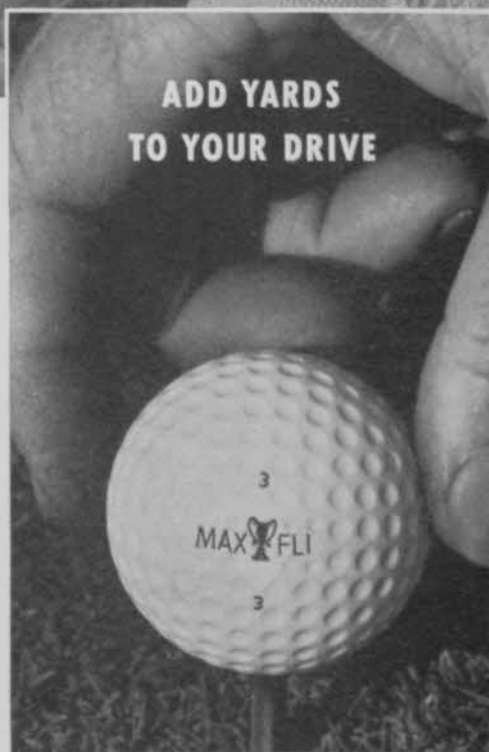


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● DUNLOPS are built to deliver the distance and toughness all players want. The new Championship Maxfli has extra winding and famous, long-lasting "Geer Patent" cover to prevent wetting. Retail for 75¢. Three other Dunlops round out a line that's tops in value: Dunlop at 50¢, the Red at 3 for \$1, and Nimble at 25¢, each the best in its price class. Push the golf ball line that sets the pace! Push Dunlop! Order today!

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TO YOUR DRIVE**



"It's Dunlop for '38!"

ARLINGTON TOUR WELL ATTENDED

By JOHN MONTEITH, Jr.

APPROXIMATELY 125 greenkeepers, green-committee members and other individuals interested in turf grasses assembled September 26 at the Arlington (Va.) Turf Garden for an all-day program meeting which was sponsored jointly by the USGA Green Section and the National Greenkeeping Superintendents Assn. In addition to greenkeepers from the East, there were representatives from golf courses as far south as Florida and as far west as Indiana.

During the morning session the experimental work at the Arlington Turf Garden was discussed and the plots were exhibited. Of outstanding interest among the numerous and varied experiments in progress at Arlington were the test plots of the new selections made there of creeping bent, Kentucky bluegrass, and fescue.

The possibilities of vegetative propagation of carefully selected strains were strikingly exhibited in the disease resistance of new selections of creeping bent. The new, unnamed strains are grown alongside of the commonly accepted best varieties. One group of plots was given the regular treatments for disease control and the duplicate group of plots was left untreated. In general it was shown that many of the new selections and the standard varieties produced a more or less satisfactory turf when treated with disease control measures. However, in the untreated areas where nearly all of the common varieties and many of the new selections were partially or totally destroyed, a few of the new selections showed remarkable resistance to disease attack. In these latter cases there was

no evidence of disease even in the untreated areas, in spite of the very hard summer.

Another interesting series of plots showed the conspicuous difference in the turf of a variety of velvet bent grown from stolons and that of the same variety grown from seed.

The vegetative propagation of selected strains on Kentucky bluegrass also aroused keen interest. The visitors were shown selections which had been made for ability to "stand up" under varying mowing heights and also for resistance to leaf-spot. Great interest was expressed in the outcome of experiments now in progress to determine the adaptability of the vegetative planting of bluegrass on a large scale.

The greenkeepers from the South were particularly interested in the plots of Bermuda grass, the various selections of which show striking differences in turf quality as well as color.

New Zoysia Grass Looks Promising

The grass which aroused the most discussion was the oriental importation—Zoysia. This grass makes a dense, durable turf which stands up well under extreme tramping. Several greenkeepers who have been trying out small quantities of this grass under play reported that it stands up remarkably well even under the most severe wear.

Attention was drawn to the relative durability over an eight-year period of many organic materials used in the preparation of soil for greens. The plots where some of the materials were used still remained at the original level, whereas in the plots where others were used the soil had settled as much as three inches below the original surface, owing to the decomposition of the organic material.

The possibility of a short cut to a weed-free topdressing by the use of tear gas



Dr. John Monteith shown lecturing to greensmen inspecting test plots.



This turf was under water for two days. Note difference in resistance to flood-waters. On the right, virtually undamaged, is an area of creeping bent; on the left, what was left of an area of Colonial bent.

(chloropicrin) for soil sterilization was new to most of those present. Indications are that this method will provide a quick effective method of sterilizing compost or turf, killing both the vegetation and weed seeds with a minimum amount of labor and without destroying the physical structure of the soil.

Other projects of interest to those present included fertilizer tests on both greens and fairways, attempts to improve crab-grass-infested fairways, various weed-control plots, plots showing the effect of various methods of application of mercurial fungicides for disease control and the restoration of color to faded turf through the use of organic dyes.

During the afternoon a tour of some of the local clubs included visits to Chevy Chase Club, Columbia G&CC, Burning Tree Club, and the Capital G&CC. This tour was planned and arranged for by Bill Leverton and his committee, appointed by Joe Ryan, president of the National greenkeeping organization.

At the Capital club visitors were shown two experimental greens which had been planted with the cooperation of the Green Section. Eleven different selections of bent grasses were planted in as many sectors on No. 3 green and 16 different

selections on No. 14 green. On each of these greens, the well known varieties including Washington, Metropolitan and seaside creeping bents, as well as colonial bent, had been planted as checks. All of the grasses, including both the well-known varieties and the new selections, were marked only by a number. The greenkeepers were given printed cards on which appeared the diagram of the green with the correct number of the grass in each sector. They were then asked to rate each grass, placing their rating in the sector bearing the number of the grass under consideration. The identity of the check varieties was, of course, not disclosed until all of the scores were turned in. Then the ratings were tabulated, and the results showed that with this group of experienced men, some of the new selections rated higher than any of the well-known varieties.

In the evening, Dr. John Monteith, Jr., presided at a dinner at the Capital club. Short talks were given by Joe Ryan, president of the NGS&A; R. F. Arnott, member of the Green Section committee and chairman of the N. J. G. A. Green Section; John Anderson; Dr. Fred V. Grau; Dr. O. J. Noer; and R. K. Aten of the Capital G&CC.

The enthusiastic response of the greenkeepers to the meeting was summed up by Joe Ryan who, in his evening talk described the affair as having been both educational and enlightening, and expressed the sincere hope that arrangements might be worked out to make such a meeting an annual affair. Further expression of the interest shown by the visitors was evidenced by the fact that on Tuesday morning a good sized delegation reappeared at the Arlington Garden for a continuation of the discussions.

One of the cleverest Harvest Home party announcements ever to come to GOLFDOM's attention was sent out recently by Butterfield CC (Chicago Dist.). It consists of a regulation red bandana handkerchief on which in large blue type is printed: "Butterfield's Famous Annual Harvest Home Party. Saturday evening, October 22, 1938. Al Morey's Orchestra; also the Rhythm Rangers. A friendly tip: Get Your Reservations in Early!"

The 18" bandana was neatly folded to fit a small envelope. The only other enclosure was a reservation card in a self-addressed envelope.

Detroit and New England Report on Maintenance Problems of the Year

REPORTS on conditions in the Detroit District and in New England by two outstanding course superintendents reveal 1938 kept pace pretty well with play of last year, and despite some unusually wet weather, greensmen brought their courses through in fairly good shape. Excess water caused more headaches in the New England district than around Detroit, where greens and fairways caused relatively little trouble. Herb Shave, Oakland Hills CC superintendent, says of the Detroit section:

"During this past summer we must have cut down on course maintenance cost so far as the fairways in the Detroit district are concerned, as we had a very fine season, with enough rain to keep fairways in good shape most of the time. We only had to water 21 days this year. Another thing, weather conditions were very good as regards brown-patch trouble. Very little of that, owing probably to the steady use of preventives. Nobody took the chance that they'd be immune.

Weeds Still a Problem

"Our great trouble in this district is weeds in fairways, clover, chickweed, dandelions, etc. However, I think by steady operation of seeding and fertilizing that this can be overcome. I know a club in this district that 5 years ago was smothered in dandelions, but by seeding and use of fertilizer every year, is now in wonderful shape and has less weeds than any other course around here.

"There has been quite a lot of clover in greens this year, but at the present time the grass seems to be getting the best of it. There was more play and business at clubs, especially public courses.

"All in all, I'd say course maintenance was kept normal, notwithstanding continuance of some sharp operating economies, because of the efficiency of course superintendents who again had to exercise great ingenuity. We built a beautiful swimming pool between the 18th green and locker-room at Oakland Hills this year. It has had a definite effect in enlarging the club's family appeal."

Guy C. West, Rhode Island CC greenkeeper, West Barrington, R. I., in writ-

ing to GOLFDOM on conditions in New England this year, mailed the letter just before the flood and hurricane on September 22, and his report covers conditions to just prior to the storm. He says:

"Golf club memberships and the amount of play probably averaged about the same as last year. From the greenkeepers' standpoint, this year has been very difficult; indeed the most difficult by far that many greenkeepers have ever experienced. Courses dried up faster than normal in the spring, but were in good condition through most of the spring and into late June, when some 7 in. of rain in two days started the troubles.

Too Much Rain Is Common Woe

"In the middle of July came some 5 to 7 ins. more rain, in a week's time, and left practically all courses waterlogged. Practically every course suffered to some degree, and many had permanent damage, even to the extent where greens that had been under water for days, had to be rebuilt.

"Following this week of rain, hot humid weather set in, and scald was a prevalent trouble. During this condition many greens were over-wet except for the top surface and this dried out too fast, actually killing the grass. There was much root rot during this period. Large brown-patch was present almost daily during the rainy period, and the usual sprayings only controlled until the next shower. Greens that had poor drainage, surface or sub-surface; greens that were surrounded with trees so that there was little air circulation, and greens that were acid to excess suffered the most. Strains that stood up the best seemed to be colonial bent, Washington and Metropolitan strains, and the darker colored velvets.

"Most greenkeepers have used some or all of the following treatments in bringing back their damaged greens: spiking or tine forking, light lime applications, scarifying, sodding or reseeding, topdressing and fertilizing. These treatments have

One of the most attractive golf club "house organs" is the new "Hooks and Slices" published for its members by the Mount Hawley Country Club, Peoria, Ill. It's 12 pages, letter-head size, and plentifully illustrated with pictures of members and course scenes taken by a member. Art Andrews, Mount Hawley pro, turns columnist in the magazine, and does a nifty job.

PAGE *Golf* FENCE



PROTECTS TOURNAMENT REVENUES • STOPS THEFTS • KEEPS OUT CAMPERS • PREVENTS PLAYING ANNOYANCES • ATTRACTS MEMBERS

Since PAGE originated woven wire fence in 1883 hundreds of golf executives have looked to PAGE FENCE experts for solutions to their fencing problems. A large percentage of the nation's courses are now PAGE fenced—protection against theft, intrusion, vandalism, accidents—safeguarding tournament and exhibition revenues—winning membership good will and high-class enrollments. There's a type of PAGE FENCE for every golf course requirement.

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 AMERICA'S FIRST WIRE FENCE—SINCE 1883

The Lewis MULTI-BALL ROTO-WASHER



● This is the new washer that golfers all over the country have been waiting for. Just feed dirty balls into the opening — turn the crank — and out they pop — sparkling — and clean as new. There are no gears to get out of order. This remarkable washer simply scrubs the ball with brush, "Ban" and water — the most effective way to clean a golf ball. Splashing is eliminated.

The long-wearing circular brush has an aluminum back to prevent warping and a constant pressure is kept against the ball by a coil spring. A drain plug at the bottom of the sand blasted aluminum case facilitates cleaning.

Roto-washers, each.....\$15.00
4½ ft. post for mounting, each.....\$1.25



BAG RACK

Lewis Racks are a necessity on the well-groomed course. This sturdy rack is made of a scalloped aluminum casting set-screwed to a 54" long galvanized post. Complete, each.....\$4.75

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Send for
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1939 Budgets should
include "Lewis Washers
at every tee".

brought back most of the greens so that most of them do not show the damage they suffered this past summer.

"Considerable pink-patch was noted this spring on fairways as well as greens. Dollar-spot gave the usual trouble but was controlled by regular spraying treatments. Large brown-patch was controlled except for the wet weather period. Dusting with the mercurials was used by some greenkeepers in combatting the trouble during this wet period.

"Sod webworms were noticed, but were not so troublesome as last year. The manure beetle, which caused so much damage to some near-Boston clubs last year, was seen again this year, but did less damage than last year. White grubs have been very troublesome this year to some clubs.

"The other difficulties that usually beset the greenkeeper have not been any more troublesome than normal. The extra heavy rainfall kept the fairways and rough growing better than normal, and many greenkeepers had trouble getting wet portions cut. Crab grass and clover have been plentiful, especially where the weather conditions hurt the sod, and gave these weeds more of a chance than they need.

"To sum up the year, we have had plenty of trouble, caused mostly by too much rain, but we are on the way back, and feel that the season has taught its lessons, and we hope to profit from them.

Another communication received from West since the big storm revealed an entirely different picture of the section. He says:

"Our course is a shambles of washed-up debris, greens in terrible shape from the beating of salt-laden, debris-bearing flood waters from the tidal wave. Only seven of our greens were not covered with salt water. Our course equipment was scattered all over the course, and shelters were blown to bits. Months will be needed to repair the damage wrought by this storm."

L. D. SHREVE, furniture manufacturer of Union City, Pa., planted 85,000 trees on his private 9-hole course in addition to those in the 75 forested acres of the 150 tract of hill and ravine land in which the course was built.

Par is 36 on the course. Shreve lets his friends play without charge. He has lots of friends for two reasons, one of which is Shreve himself.

Cincinnati District Clubhouse Business Shows Increase in Operations

VOLUME of clubhouse business operations for 1938 in the Cincinnati section has in most cases increased over previous years, according to Wayne D. Miller, Cincinnati CC manager, and secretary of the Club Managers Association, who gives GOLFDOM an outline of trends in club operations in that vicinity during the past year. Miller continues:

"I believe I can safely say that within the past couple of years, by the slow process of building up the use of wines with dinners, we have been able to get closer to what we call a better class of cuisine. However, our big demand, generally, is for low-priced meals. Invariably, some club member will drop \$5.00 in a slot machine and then turn around and kick about paying a dollar for a dinner.

Wage Boosts

Raise Labor Costs

"Labor costs around Cincinnati have been a little higher than a year ago, the reason being that a year ago cooks and chefs demanded clubs raise wages, which was done. That makes quite a little difference in labor costs over a year's time. Other types of labor cost have remained about the same. Food costs, it has been my observation, have been somewhat lower throughout the year as compared to a year ago.

"When the Board of my club considered it advisable to reduce liquor prices, I made a survey of all the local clubs, including city clubs, to determine whether it would be wise to cut prices. I found from this survey that they all faced a decrease in the volume of bar sales, a decline that appears to me to be only natural. My reason for that is because I believe people have had time for a full fling at a plentiful supply of alcoholic beverages. My general observation has been, especially in the last 6 months, that people will enter a bar and take only the one or two drinks that have become their daily habit. That leads me to believe that the consumption of liquor will remain lower than it was, but not much lower than at present.

"We are looking forward, however, to a gradual increased volume of wine consumption, the reason being that most table

The Lewis PADDLE-TYPE WASHER



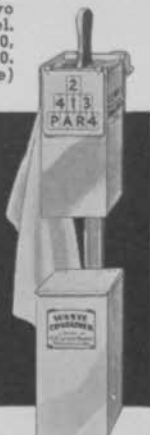
- Years of faithful service on the nation's leading golf courses prove the utility of this famous washer. Besides doing a real job of ball washing, they are inexpensive to install and maintain. The patented slot in the paddle (shown in the phantom view above) rotates the ball so that its entire surface is scrubbed by the brushes, "Ban" and water. Washer is finished with two coats of durable white enamel. Paddle-Type Washers 1 to 10, ea. \$6.00, 11 or more, ea. \$5.50. (Price is on washer alone)

Tee Ensemble

This includes the Paddle-Type Washer, Tee Stake, Tee Data Plate, Waste Container, Towel and Towel Ring. It is a complete unit for the tee. The items making up this ensemble may be purchased separately if desired.

Tee Ensemble,
each.....\$10.65

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Send for
information or see
your dealer.

1939 Budgets should
include "Lewis Washers
at every tee".

wines of the better French importations are just now getting to prices where people can afford to buy them. It is my belief that the better class of clubs throughout the country will show an increase in this class of beverage, which may offset any decrease in liquor volume.

"From my observation on operating problems for 1939, I am inclined to believe that clubs which exert every effort to operate as a club will be the gainers. Too many clubs have made the mistake of admitting too many of the public. This practice tends to tear down the purpose for which most clubs were formed. Business indexes indicate things are going to improve, and I think that in itself should tell the club manager to get his house in order and expect a favorable year in 1939. With the war scare past, at least for the present, and with business improving, we can expect clubs to be well patronized by the membership next year."

Inter-Club Swimming Event Stimulates Interest, Increases Club Income

HERE'S an annual inter-club event for clubs with pools begun this fall in the Chicago district and worthy of promotion in other districts:

On invitation of the Oak Park CC, junior swimming teams from twelve Chicago district clubs met at the Oak Park pool on September 4 for the first annual invitational inter-country club swimming and diving meet. Boy and girl contestants were from the immediate families of each club's membership and the age limit was 18. A total of 44 swimming and diving events were on the program.

Although Oak Park officials are quick to deny that the meet was sponsored for any purpose other than furnishing an athletic event, it is not out of order to report that Oak Park's dining room and bar did capacity business the day of the meet.

GOLF'S MARKET PLACE

News from the Manufacturers on "What's New for 1939" in the Golf Field

In conformity with their new distribution policy, A. G. Spalding & Bros. announce that their new line of Jones Tournament woods and irons is to be handled exclusively by pros. Features of the line of woods include new pear shaped heads with more nose. They are Power Weighted,

of the Jones Tournament line of irons is a shorter hosel, which goes beyond sole weighing, giving added distance.

Both irons and woods have the new cushioned form grip, which is an improvement over last year's form grip. A strip of soft rubber up the back takes the shock out of each stroke, and eliminates finger fatigue. The Tournament line of woods and irons was designed by Bobby Jones in collaboration with Spalding experts.



which means added distance per drive. Power Weighted also decreases the percentage of error when the ball is mis-hit. An added feature is Fibre Face for greater permanency of head. A feature

Wilson Sporting Goods Co., Chicago, has adopted a very definite policy relative to the sale of merchandise through the golf professional for 1939. This policy is such that the K28 and K28D balls will be sold exclusively through pro-shops. They have also developed a new, high-grade line of balls in the other price ranges: the Turf Rider, 50c retail; the Round Up, 35c retail; and the Wil-Win, 25c retail. The sale of these balls will also be confined to the golf professional.

A new Turf Rider wood has been developed, the Aerflo Turf Rider. This is a \$10 wood that has been tested and approved under actual playing conditions, and will, unquestionably, prove to be a more satisfactory and popular model than the present Turf Rider wood. The popular Sweepstakes wood has been improved by the addition of a new laminated, impregnated face, and will be listed with a

Recently completed pool
at Olympia Fields (Ill.)
CC



Designed by Wesley Bintz,
nationally known consult-
ing engineer

Here's WHAT A SWIMMING POOL WILL DO *for your club!*

- raise club income
- increase membership
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- bring out the entire family

We've seen it work too often. We know a swimming pool will do just that for your club. When you get the families of members coming out to the club, it's like a "shot in the arm" to every club department. Your question then is, "What is a pool going to cost us," and "What kind of a pool will we build"?

When you write us and we send you an idea of what a certain amount of money will do, we tell you first about the "Bintz Pool," which gives you not only a properly constructed and coordinated pool, bath house, concourse floor and equipment, but at a cost of from 25 to 40 per cent less than an ordinary pool and bath house of "equal size and permanence." Complete data and pictures are also given on regular sunken, rectangular pools—and always to give you the best pool obtainable for the least possible amount of money.

We have been designing swimming pools exclusively since 1919. Recent Bintz pools at golf clubs, in addition to those at Olympia Fields and Preakness Hills, are Meadowbrook CC, St. Louis; Edgewood Valley CC; LaGrange, Ill.; and Ravisloe CC, Homewood, Ill.

Write today for complete Bintz catalog. You'll see why a Bintz designed pool will be the best investment your club could make.

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CONSULTING ENGINEER, CIVIL
SWIMMING POOL DESIGNS OF ALL KINDS AND CONSULTATION ONLY
116½ NORTH WASHINGTON AVENUE
LANSING, MICHIGAN



Another 1938 Bintz-designed pool, at Preakness Hills
CC, Paterson, N. J.



Those attending the recent Dunlop sales meeting were: l. to r. front row, H. L. Winkler, Dallas; T. J. McGrath, Cleveland; Herb Andrus, San Francisco; E. B. Germain, president; Craig Wood; A. V. George, Philadelphia; Vincent Richards, general manager; Dave Woodcock, Minneapolis. Second row, Dan Ellis, New York; Frank Reeser, Buffalo; H. B. "Burtz" Boulware, Atlanta; Henry Picard; Jack Cate, Los Angeles; Charles Shortle, Boston; Sam Doak, Chicago; and Robert N. Pryor, promotion and publicity director. Kneeling, Dean White, San Francisco; E. W. Tomaselli, Chicago; Paul Gibbs, New York; and Perry Bliss, quality dept.

\$7.50 retail price. On about December 1, the company will announce the edition of a new deluxe wood called the Head Speed. This is said to be the last word in wood club construction.

The Wilson golf bag factory is under new management. The entire line of bags has been completely restyled along most modern, scientific lines. The bags are built for maximum utility, and at the same time are beautiful in appearance. The workmanship is unexcelled. Every detail of construction has been carefully analyzed. The company is confident this line of bags is the finest that has ever been offered to the golf professional, and is priced to meet competition from any source.

With the slogan, "Dunlop's The Line for 38", as the keynote, the sporting goods department of the Dunlop Tire & Rubber Corp. recently held its sales conference at the home office at Buffalo, N. Y.

The meeting, attended by the entire field force, and by Craig Wood and Henry Picard of the advisory staff, was featured by a golf tournament and dinner at the Cherry Hills CC, Ridgeway, Ont. A moving picture program of fight pictures and the new tennis picture, "Highlights in The Tennis Career of Vincent Richards" followed the dinner.

The high spots in the Dunlop set-up for 1939 are the new Maxfli ball, a set of Henry Picard Autograph Model Woods and a new line of Gold Cup Woods and Irons.

"Four new woods and three new irons making their appearance in the 1939 Hagen line are the product of the Old

Maestro himself—the Haig," says E. E. Chapman, pres., The L. A. Young Golf Co., in presenting a brief description of his company's new offerings. "Walter spent several weeks shaping his ideas, gathered on a year and a half trip into the four corners of the world, into the form you will see them in the new line. Richard Link, factory supt., no mean club designer in his own right, furnished Hagen able assistance and cooperation.

"You will find the new Hagen line more colorful than ever before. But Hagen models are still conservative in tone, for color has been used, not in a splashy manner, but to accentuate the form and beauty of perfectly designed models. The Lorythmic system of club building has proven so popular that it has been extended to cover all models in the higher price ranges.

"We have secured greater feel in wood head models, by increasing all head weights by $\frac{1}{4}$ oz., at the same time keeping total weights the same. Then we have introduced a "pro only" line, giving the professionals a magnificent model in both woods and irons, and sold to the professional at a price that shows a splendid margin of profit. In addition, a left-hand model in an iron to retail at \$6.00 is a new number that should have wide appeal.

"In the ladies' field, the American Lady set has been considerably improved with a new head model on the irons and a brand new color scheme throughout. In the ball line we will have three balls in the 75c field—the Hagen 288 Red, 288 Blue and 288 Green.

"Hagen 288 Red will have a compression testing of from 65 to 85 with an extremely hard wound core, cover of minimum thickness, and will be recommended