licity among area golfers that finally paid off with dues and fees back to the level enjoyed in the 1920 decade, and the club itself fully tied in with the Golden Forties and the U. S. curve. Membership was right, dues were right for the community, trained people were in the three key jobs of greenkeeper, professional and house manager. No need for a membership employee for the time being and the loose co-ordination of committee chairmen was once again sufficient.

Financially the golf course was rebuilt during the 3 year period for an average operating charge of only $11,000 a year against the 25 year average cost of $16,600. Only thousands of hours of personal effort could have done that. In 1946 grounds costs were $13,800; and the house line speaks for itself at $27,200. There was still no overall manager to correlate and more money was available because the golf course didn’t spend it. Course and house did spend $8,000. for new equipment derived from entrance fees. For 1947 dues have been advanced to $120.; the board feels more money is needed to clean up the debt.

During all these up and down periods respects should be paid to the professional on the job for 25 years. No other key man survived for more than 10 years. Caddy-master from the beginning through 1929, golf course worker until 1936, and then pro, he burned thought, time and effort, ate, slept and dreamed this particular golf course. Intensely loyal to each temporary and passing Green Chairman he gave unstintedly because he believed in golf as a force and was convinced the days of the 1920 decade would yet live again at this particular club. Ceaselessly untiring he poured himself into course maintenance, tree planting, kept the house grounds in 1944 personally, took care of the clubhouse in the winters of 1943-44 and 1944-45, kept the spark of golf alive at the bottom of the two big dips.

Can Stability Be Found?
The graph shows this particular club has operated chiefly on the principle of spending money when it was to be had and curtailing when it wasn’t. Of course, each curtailment brought dissatisfaction and loss of use to the members; brought into being the very factors that accelerate downspin. But everything considered the 25 years has turned out pretty well.

Is there any way by which this and other clubs similarly situated can free themselves of dependency on this U. S. curve? Can its downward effects be alleviated. Is it possible for the average country club to enjoy stability of operation and income? The accident of a particular geographical location, the adherence of a really wealthy metropolitan group, or just plain good management by an interested individual have created such stability.

The primary lessons taught by this graph seem to be these:

Trained people must always be in the 3 key posts.

Then, a comptroller, managing director, financial or executive secretary, either voluntary or paid, one who understands local membership problems, and who can correlate and keep fixed charges within the bounds of income, is just a plain necessity. The loose liaison of committee chairmen is wrong in the country club setup, just as it would be wrong in any other business of importance in the U. S.

Had these 2 principles been recognized as musts for overall policy, the club in the graph would likely have been out of debt many years ago; the severity of the down-trends would have been mitigated, and the graph lines moved along a more even track for the 25 years. Instead of riding the ravine flyer the membership would have enjoyed the even pace of a Cape Charles ferry, would have stayed happy and paying dues all the time.
Golf course caretakers have an important new tool in Purina Weed Killer. It does a fine job on either fairway or rough. Being selective, it does an effective killing job on unsightly weeds but won't hurt grasses. It's the new, practical, economical way to control weeds and improve and beautify your course. Use in powder or liquid form. Won't clog equipment.

It costs you nothing to have us build you a spraying program to fit your needs. Clip coupon below to start your weed control program.

--- CLIP THIS COUPON NOW! ---
RALSTON PURINA COMPANY
Farm Supply Dept. 2300, St. Louis 2, Missouri
Please have your local representative call to discuss my weed problem. I understand there's no obligation implied in my request.

Name: ___________________________
Address: ___________________________
City: ___________________ State: ______

TIFTON TURF MEET DRAW 75—Initial southeastern turf conference held at Tifton (Ga.) Coastal Plain Experiment station May 21 and 22 brought together 75 greenkeepers and chairmen. The turf men were deeply impressed by plots by Dr. Burton has started at Tifton, the work in breeding finer strains of Bermuda, experiments with topdressing mixtures in combination with sawdust, and other development work being done by Burton and Director King in bringing Green Section work to a helpful regional focus and instituting valuable research on matters peculiar to turf in the southeastern area.

PEORIA OPEN JULY 12-13—Dates for Peoria (Ill.) $5000 Open to be played on Newman GC have been changed to July 12-13. The event started in 1944 as a $500 event and has grown steadily. Play is at 54 holes with field being cut to 64 after the 18 hole qualifying round Sat., July 12. Pro entry fee is $10; amateur, $5. Pro first money is $1000. Entries should be mailed to Peoria Open Golf Tournament Assn., Inc., First National Bank bldg., Peoria, Ill. The Peoria Open's organization plan is one of the best we have seen. You may be able to get a copy of it by writing Andy Paul, genl. chmn. of the tournament.

U. S. RUBBER OFFERS CASH PRIZES FOR SPORTS PIX
A sports photography contest offering $1,500 in prizes for the best sports pictures of 1947 is announced today by the U.S. Rubber Co. Allsports Magazine. First prize for the best picture will be $500, with 10 additional awards of $100 each. The contest is open to both professionals and amateurs, and any sports photo taken in the United States or its possessions since January 1, 1947, may be submitted. Entries will be judged by a committee of leading newspaper photographers.

Allsports Magazine, published by the United States Rubber Co. and distributed by the company's U. S. Royal tire distributors, must be allowed reproduction rights on the 11 prize-winning pictures for publication and exhibit. They will not be used for advertising purposes.

Any picture is eligible, whether or not it...
has already appeared in print, and contest-
ants may submit as many entries as de-sired. Photographs must be submitted on 8x10 glossy paper and should be identified as to time, place, event and persons shown. The contest closes December 1, 1947. En-
tries should be sent to Best Sports Picture Contest, Allsports Magazine, 431 Howard St., Detroit 31, Mich.

ALL AMERICAN AGAIN TOPS IN
$—George S. May's All-American tourna-
ment at Tam O'Shanter CC (Chicago dist.)
July 3-6 this year will have $30,400 prize
money for pros who wear identifying num-
bbers. That's 1 2/3 the size of the PGA
purse and 3 times the National Open purse.
Merchandise prizes to extent of $1990 will
be given men and women. Pros who don't
wear numbers will take a 50% reduction
in prize money. A number-wearing pro
who breaks the course record of 65 in com-
petition will win $666.

GOLF WRITERS ASSN. IS REORGANIZED

Golf Writers Assn. of America has been
reorganized on the basis found effective by
organizations of writers covering baseball,
football, and other sports. Russ Newland
of the Associated Press at San Francisco
is pres. of the reorganized association and

Charles Bartlett, Chicago Tribune, is sec-
treas.

Membership invitation letters are being
sent to all newspaper sports department
members known to be covering golf. Pros
who happen to know of golf writers who
have not received the organization letter
are asked to advise writers they may secure
full details of the organization's plans and
membership qualifications by writing Bart-
lett.

The Golf Writers' Association originally
was started by Francis Powers, now of the
Chicago Daily News, and was carried on
under the leadership of Wm. Richardson
of the New York Times. He did a good job
in securing better facilities and cooperation
in covering the most difficult sport sports
writers have to handle. The association
became inactive during the war.

Newspapers have cut down on golf news
not alone because of paper shortage and
question of golf news as a circulation fac-
tor but because of golf news being harder
to get than news of any other popular
sport. The Golf Writers Assn. plans to
show clubs and golf associations what the
reporters need, similar to the cooperation
received from promoters of other amateur
and professional sports.

HARDWOOD
FLAG POLES

Made of the finest, kiln dried, sec-
ond growth, tough White Ash.
Tapered from approximately 1" at
bottom to 3/4" at top, and fitted
with flanged aluminum ferrules to
fit standard 1 1/4" cup. Sanded fin-
ish with prime coat of lead and oil
and finished coat of finest white
ename1. Available in 2 or 3 color
combinations.

Your inquiries and orders will be
referred to a nearby distributor.

LEAVITT CORP.
(Est. 1895)
URBANA, ILLINOIS
Builders of
KNOCKDOWN
bleachers
for sports events of all kinds.
Tom O'Hara, Old Caddie-master,
Dies at Denver

Tom O'Hara, for more than 50 years a
caddie-master, died at Denver, Colo. May
17.

Football has its character-building
coaches, baseball has its idols, boxing has
a few who may have influenced some kids' lives for the better, and golf, due to the
caddie angle, has a number of professionals
and amateurs who have been properly conscious of their responsibility as good
examples to the youngsters.

But of all the characters we've met in
sports who've done a great job for lads who came under their supervision Tom
O'Hara certainly was among the top men.
He was a fine contribution to the develop-
ment of strong, clean, smart character
among American kids, even though Tom's
service was limited by his duties to the
boys of the club he served.

The big party of sports notables that
Attorney Gen. Tom Clark staged at Wash-
ington last month to launch a drive against
juvenile delinquency was—although the
celebrities didn't know it—a circus demon-
stration of what little old Tom had been
doing successfully for 50 years. As a
straightener-outer of bewildered or tough
caddies and a fellow who helped the smart
and willing kids make faster progress Tom
O'Hara was a star equal to, and possibly
better than, Vardon, Jones, Hagen and
Nelson in their department of the game.
And what's wrong with us in golf that
we wait until Tom is holed-out 6 ft. deep
before we recognize the greatness of his
achievement?

Washington State College
Considers Turf School

Dean E. G. Schafer, State College of
Washington at Pullman is considering a
greenkeeping short course for the school.
State golf course and other turf needs and
programs of greenkeeping short courses
are being studied to launch the Washing-
ton school on a platform of valuable imme-
idiate service.

Fred V. Grau, director, Green Section
USGA, and other national authorities have
extended to Dean Shafer fullest coopera-
tion in establishing a course that will bring
to Pacific northwest greenkeepers and
clubs the type of benefits short courses to
the east are providing.

NEED SUPPLIES and EQUIPMENT?
Read the ads for the best buys.

ANew,BetterCultivator
GREEN DRAGON
Opens up and aerates pecked areas — Makes top-
dressing and fertilizer accessible to root bed —
removes grain — easy to operate without inter-
ference to turf surface.

Illustration shows cultivating position. Weights
on tray over axle regulate depth of cut. Circular
knives made of fine knife steel. A real machine.

Manufactured by FRED BUEL, Woburn, Mass.
Write for price and literature to manufacturer or
your Worthington Mower Co. Distributor.

FINE SEED FOR FINE TURF
IT PAYS TO GET THE BEST
WE SPECIALIZE IN GOLF TURF
GRASS SEED
SELECT VARIETIES — MIXTURES
KENTUCKY BLUE GRASS
CHEWINGS FESCUE FANCY RED TOP
ASTORIA BENT PERENNIAL RYE GRASS
SEASIDE BENT DOMESTIC RYE GRASS
WHITE CLOVER ORCHARD GRASS

FINE GOLF TURF SEED WILL BE
SCARCE
Plan your needs now. Ask for Prices

J. OLIVER JOHNSON SEED CO.
946-960 W. HURON STREET
CHICAGO 22, ILL.
Phone: Monroe 6580

Golfdom
PLYMOUTH (PA.) CC SUCCEEDS IN WEED CONTROL

Due to lack of labor during the war the weed problem at the Plymouth CC near Norristown, Pa. had become serious. A preliminary test of Weedone in early September, 1945, showed how well plantains and clover could be cleaned out of turf without injury to bluegrass. The fairways and roughs on the 100 acres were heavily infested with dandelion and plantain, with a generous assortment of other turf weeds. Accordingly a fence to fence program was begun on May 15 in 1946, using one part of Weedone to 100 parts of water. The application was done by Henkels & McCoy, Philadelphia.

There were a few places where the sprayer skipped near the tees and toward the end of the summer these unintentional control spots showed by contrast how thorough a job of weed-killing had been done.

In addition to the dandelions and both kinds of plantain, the ninth fairway was heavily infested with knotweed. There were a number of bad spots in the rough along the 13th fairway where hawkweed had taken over. The 3rd and 16th fairways had plenty of speedwell. All these, together with an over-supply of clover, were cleaned out by the Weedone application. There was considerable poison ivy along the fence which was treated with a stronger solution of Weedone.

It is interesting to note that this Spring the plantain has not come back, but that the dandelions have shown some comeback, on the first fairway in particular. These may have come from seed or from plants that were sprayed too lightly, and accordingly follow-up sprayings will be applied by the first of June.

Probably the outstanding result was on the ninth fairway, where the turf is now thick and firm. In previous years the knotweed has prevented the establishment of bluegrass in spite of a good fertilizer and seeding program. The course is under the supervision of William Baskin.

ROBERT BRUCE HARRIS
Golf Course Architect
Member: American Society of Golf Course Architects
664 N. Michigan Ave.
CHICAGO 11, ILL.
Phone: Whitehall 6530

June, 1947
GREENSKEEPERS!!

PEAT

FOR TOP DRESSING GREENS

our Black Cultivated Peat is unexcelled, milled to almost the fineness of flour. A velvety, smooth peat that will not ripple on the green under heavy watering.

FOR THE BUILDING OF BENT GRASS GREENS... our NEUTRAL BROWN PEAT is unbeatable as a soil conditioner. It mellows a hard soil, will bind together a sandy soil. Will cut your watering bill in two because of watering holding ability. Don't build your green until you see our products!!

Sold by the cubic yard. Carloads to all points within the U. S. Truckloads of 25-30 cubic yds. delivered within 250 miles of Mason City, Iowa. WRITE OR WIRE FOR QUOTATIONS.

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HANLONTOWN, IOWA

ALFRED H. TULL
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Introducing the new

"SWING WONDER"
and booklet

"What Is This Thing Called Swing?"
by Bea Gottlieb

A practice device to develop a conscious swing sensitivity, timing, coordination and relaxation.

The booklet, simplified and condensed, will enlighten your understanding of a golf swing. Complete set, with instructions $3.50. Box 6234 W. Palm Beach, Florida.

ATTRACTION HANDICAP BOARD—
Every locker-room or pro shop should have a list of the golf playing members and their current handicaps. Illustrated is a board that shows members their handicaps and non-golf playing members so that it is really a combination membership and handicap board. This board is so flexible that it can be applied to any club of any size.

The handicaps are very easy to change; the names also may be easily changed. The board is grooved, the club name in metal changeable letters, the names and the handicap are lettered on metal or plastic angles or bases which set into the groove of the board. This board illustrated will accommodate a maximum of 300 names. It is of wood frame construction; however, the manufacturers, The Tablet & Ticket Co., 1021 West Adams St., Chicago, make them in metal frames in other constructions and any size or mounting on the wall or on standards.

WILSON'S NEW RULE BOOK—Wilson Sporting Goods' new Rules of Golf booklet, containing the latest simplified USGA code, will be available in the very near future. This edition is expected to become the most popular of the series for it is entertainingly and instructively illustrated by Ted Drake, Wilson cartoonist.
“Golfers, Unlimited” Tells
Golf Promotion Plan

“Golfers, Unlimited” recently issued by National Golf Foundation, 407 S. Dearborn
St., Chicago 5, Ill., tells of the activities
and plans of the Foundation in increasing
the number of golfers and golf playing
facilities. Size of the job confronting the
Foundation is briefly outlined and a sum-
mary of the Foundation’s work in progress
is presented. The National Golf Founda-
tion is financed by golf club, ball and other
equipment manufacturers. Although the
booklet is primarily a presentation of the
Foundation’s work to those manufacturers
who might join in financing the huge job
the Foundation faces, it is of great interest
to businessmen pros who desire to keep
fully informed on the extensive promotion
work being done to increase their earning
possibilities.

MILLIONTH OF A SECOND

Gjon Mili took this photograph of a Springfield
Celcon plastic head hitting a ball, with action
stopped by stroboscopic light at one-millionth of
a second, says Celanese Corp. which makes the
head material for Sporting Goods, Inc., Spring-
field, Mass. Pros and sports writers recently saw
at Dunwoodie GC (NY Met dist.) a demonstration
of Springfield Celcon “woods” which had been
subjected to 6600 shots each in a driving machine.
GREENKEEPERS, ATTENTION!
At last—a 100% soluble liquid fertilizer that will do the job. "Na-Churs" is based on the well known W. P. formula perfected by the Ohio State University. It contains the proper nutrients that produce stronger, healthier, tees, greens and fairways. "Na-Churs" is easy to apply; saves time, money and labor. Already, leading golf courses are using it with unmistakable results. For full information, write Dept. G today!

"NA-CHURS" PLANT FOOD COMPANY Marion, Ohio

TULSA TOU RN E Y AIDS TURF WORK—Tulsa Golfers’ fund plans contributing $6500 from its 1946 tournament to establishment of a turf research fellowship at Oklahoma A&M college at Stillwater. A qualified ex-GI will be selected as the first fellow. The work at Stillwater will be coordinated with fellowship work at Penn State, Purdue and Michigan State under the USGA Green Section plan for section-alizing research work and coordinating it in a national plan.

WILSON’S NEW BALL APPEARS — Ed Goeckel, Wilson Sporting Goods golf balls special sales representative says Wilson’s new 70c postwar ball released May 15 received a great welcome and Ed also says that a limited quantity of the Turfrider balls will be on the market in their first appearance since 1941. He emphasizes, too, that the Top-Notch products are considerably improved due to better manufacturing facilities, new machinery and experience.

DOUBLE ROTARY SPRINKLER RETURNS—Double Rotary Sprinkler Co., 816 Locust St., Kansas City, Mo., has resumed manufacture of its sprinkler which has been extensively used on golf courses. The postwar Double Rotaryr has improved design and construction features which develop the fine performance the equipment established with greenkeepers during more than 20 years prior to the start of the war.

OFFER BATH CLEANSER — Developed especially for cleaning shower rooms, steam rooms, swimming pools and porcelain fixtures, Saf-T-Klenz is an exclusive compound being offered by Berman Chemical Co., 313 Tenth Street, Toledo 2, O. Saf-T-Klenz is particularly effective in removing long-standing rust stains, lime deposits, soap oil, body grease, algae formation, and other discoloration. It removes the scum from hard-to-clean shower rooms and swimming pool floors and decks, leaving them practically slip-proof. Saf-T-Klenz is unscented and has no carbolic or disinfectant smell. It comes in economical, concentrated dry powder form, and is harmless to skin, clothing, floor or drains. A free sample will be sent to club managers on request.

NEW BALL MARKER — Healthways of Hollywood, 1360 E. 16th, Los Angeles 21, Calif., is making the "Pro" golf ball marker which makes a clean, sharp impression of the owner’s full name on one line. The "Pro" marker retails for $2.95. It comes complete with 3 sets of type from A to Z and waterproof, indelible ink enough to mark hundreds of balls. The device is pocket-size and requires no adjustments. Healthways of Hollywood also is making a plastic golf “Scorekeeper” operated by moving knobs which record strokes per hole for 18 holes. It retails for $1.50.

COLOR IN SPRINGFIELD WOMEN’S CLUBS — The complete line of Springfield clubs for women, made by Sporting Goods, Inc., Springfield 7, Mass., is color-harmonized. The club-heads of Springfield’s Celcon plastic woods are a rich autumn brown, with matching collars. The trim on the collars varies in color for the quick identification of each club. The driver, for example, has a red collar; the brassie has a white...
NEW LIFE FOR PUTTING GREENS

Putting Instruction Aid — Pearson Industries, 3932 Xenwood Ave., Minneapolis, Minn., has the Pearson Putter grip, a device that slips over the grip of a putter and teaches a hold of the club that keeps the clubhead square to the direction line. The device is well recommended by Twin City pros who have been using it themselves and selling it to their pupils as something to teach the proper use of the hands in putting. It is not legal for tournament play but according to pro experience does an effective job in instruction. It's made of plastic. Prices and full details may be obtained from the makers.

LISTS GOLF MOVIES — Athletic Institute, 209 S. State St., Chicago 4, Ill., has issued a new guide of sports films containing more than 800 film titles. There are 22 golf films listed in the guide which the Institute will send upon receipt of 50 cents.

D'ANGELO HEADLINER AT CHAMPS' BANQUET — Jimmy D'Angelo, sec., Philadelphia PGA was featured guest speaker at Bethlehem (Pa.) Boys' Club Fraternity 10th annual "Banquet of Champions." The club had 369 local sports champions of both sexes from kid marbles champions up in age. About 145 guests dined with the champions. Awards were given. In recognition of D'Angelo's golf promotion activity the background to the speakers' table was a golf scene and golf was the featured sport at the party. The program was broadcast.

HAGEN ACE AWARD REVIVED — The Walter Hagen Hole-in-One club is functioning again. Walter Hagen Golf, Grand Rapids, Mich., a division of Wilson Sporting Goods Co., will send a handsome certificate signed by The Haig himself to every bona fide golfer who makes a hole-in-one this season. The Hagen Hole-in-One club has been in operation since 1935 and during that period it is estimated by Ed Rankin, mgr., that more than 10,000 certificates have been passed out. Write Walter Hagen Golf, Grand Rapids, Michigan, together with sufficient in-
for 4 years sports publicity director of the University of Michigan, has served as publicity director of the Detroit Lions football club since 1944. He will continue with the Lions as well as handle the PGA job.

DAVIS CATALOG IS BUYERS' AID—New catalog of course equipment and supplies handled by George A. Davis, Inc., 5440 Northwest Highway, Chicago, is an exceedingly practical and attractive job. Consise data and clear illustrations cover a wide range of equipment and supplies and make the book a valuable item in the greenkeeper’s library. A copy will be sent on request to greenkeepers or green-chairmen who have not been supplied.

Michigan Pro Clinic
(Continued from page 87)
ally move in closer to the ball. So in regard to the position of the ball with the left foot, you might very well play it off your left heel for a drive or for a niblic. The change is that of moving in closer to the ball and the right foot drawing close to your left.

At this point we all went into a discussion on present day golf vs. the swings of yesteryear.

The first thing we agreed on is that present day golf in “big time” is played from “right to left.”

Secondly, this is accomplished by a great number of the players having the left hand in what must be referred to as a weak position, i.e., on the side of the club—not on top—and that the right hand was also on the side of the club—not on top in a strong positive position—and that present day players use their right hand a great deal. They hold the club with the left and hit with right, just as Byron Nelson has remarked.

The new term “Reroute” was used more than “inside out.” The film showed the players at the top of the backswing have a little action that starts to close the club face at the very top of the backswing. We agreed that this is the action they have in their method that permits them from a weak left hand position at the start of the swing to be able to burn in a low strong right to left shot. This action at the top was titled—Rerouting the Club Face.