What do you suppose Dad would like to have on Father's Day?

I know! Let's go out to the club pro shop and pick out one of those good-looking Tourney Sport Shirts!

Tourney Sportswear is priced to retail competitively with "in-town" stores — and to retail profitably for you. Very likely, at this late date in the season, you'll have difficulty obtaining all the merchandise under this illustrious label that you would like to have to satisfy even the casual day-to-day purchases by your members. Don't despair! You pros who've "teed off" with Tourney Sportswear are well on your way to the green (folding stuff) that's in the offing for you whene'er the day arrives that we can fill all orders and give the line the promotion that it deserves.

ourney Sportswear

SHIRTS JACKETS

SWEATERS HATS

STYLED BY

Macana

MACGREGOR GOLF, INC. DAYTON 1, OHIO



Clubhouse, Washoe County, Reno, Nev.

men. They got needed parts mainly from junk yards and did many ingenious jobs of reconstruction.

Coming onto this course from surrounding country that presents sagebrush as the main item of vegetation is not only a visual treat to the player but an obviously phenomenal feat in the growing of healthy and abundant grass. Considerable play is received from officers and men at the Reno Army air base. They're given special rates.

The Washoe county course has accounted for a big increase in the value of adjoining property on which there now are some costly homes. Local authorities say that the increase in adjoining property values caused by the excellent operation of a fine municipal course far more than justified the expense of the course's construction.

Hutt Martin, pro-manager of the Washoe county course, is credited with having done an outstanding job in establishing and operating a municipal course that looked to be doomed to never amount to much more than an expensive effort to supply work for men who otherwise would have been unemployed on the county during the bottom part of the depression. Martin, a modest, hard-working and competent fellow, is quick to ask for plaudits for the Washoe greenkeeper, Wm. Mayo, one of the proteges of the late Wm. Rockefeller at Inverness, Toledo.

The spectacular success of the Washoe county course calls for congratulations not only to Hutt Martin and Wm. Mayo but to others who worked with them in putting across an enterprise that converted sagebrush wasteland into a financially and socially solid civic asset.



Worthington Mower Adds "White Star" and Two New Distributors

F. R. Van Rensselaer, 719 Hamilton National Bank Bldg., Knoxville 2, Tenn., and Kilgore-McRee Co., 2161 Bessemer Blvd., Birmingham 8, Ala., are two new distributor appointments recently announced by the Worthington Mower Co., Stroudsburg, Penna. Both will have sales and service of Worthington turf maintenance machinery on an exclusive basis in their areas. The Van Rensselaer organization will cover eastern Tennessee west to and including Clay, Jackson, Putnam, White, Warren, Grundy and Marion counties. Kilgore-McRee will cover Alabama, western Florida and central Tennessee including the Nashville district. While currently this type of equipment is not available for civilian use these and other Worthington distributors are ready to assist in furnishing replacement parts and other service required to keep Worthington equipment preforming efficiently.

Maintaining the same outstanding record of manufacturing performance which won for them the Army-Navy "E" production award on July 3, 1943, the management and employes of Worthington Mower Company have been advised that, for the second time they have been cited for meritorious services on the production front for which they have been awarded the "White Star." This honor symbolizing the Government's acknowledgment of the company's continued efficient wartime production pace, is held by less than 3 percent of the nation's industries.

Lew Scott, Pro Veteran, Dies on Course

L EWIS SCOTT, 57, pro at Lakeside CC, Hollywood, Calif., died of a heart attack on the 13th hole of the club, April 29. Scott had been working at a war plant at night and continuing pro duties in the daytime.

Lew was an Englishman, who developed his game at Carnoustier. He caddied for Harry Vardon. For the past 28 years he'd lived in California. He had been at Lakeside for six years and prior to that served the Valley CC, Montecito; San Diego CC, Wilshire CC and Hillcrest CC. Lew was one of the master instructors of the game and gave post-graduate tutoring to many pro stars. He developed many movie notables into good golfers. He was known and cordially regarded by thousands of pros and amateurs all over the country.

He is survived by his widow, a son and a daughter.



When a Yank of the Tanks Dreams of Fun...

Between the crash and thunder of battles, a Yank tank crew member may upon occasion wing his memory back home to the fun-filled fairways of his favorite golf course.

Quickly, after the war's outbreak, the pioneering experience that had made BRISTOL steel shaft golf clubs famous was turned into the fabrication of battle materials among which are radio antennae for our fighting tanks.

Today, from this tank antennae manufacture, BRISTOL is acquiring in turn new skills, new abilities for the postwar production of even better golf clubs . . . BRISTOL Golf Clubs that will set brand new standards of perfection to help lower your scores and add to your golfing fun after victory.



Short Courses and Meetings Eased Wartime Problems

By RAY GERBER

Pres., Mid-West Greenkeepers Ass'n

★ The past two years have been a struggle for the greenkeeper. This year will be just as bad if not worse, as far as labor is concerned. However, greenkeepers have educated themselves to the point where they are able to take advantage of everything possible and keep the courses and club grounds in almost pre-war condition. A great deal of this knowledge was obtained by attending local greenkeeper association meetings and the educational conferences. Our Mid-West Greenkeepers' association presents a well-qualified speaker or two at each meeting during the winter months.

"Speakers at the educational conferences held once a year at universities are always men who are qualified to talk on subjects assigned to them. One authority may talk on disease, another one on insects, another on different types of grasses, their nature, and what to expect when one is forced to work against nature. This type of meeting helps the greenkeeper to find out just what he wants to know.

In most cases he does not have to do any experimenting, as someone has already done that. This, in turn, saves the club many dollars in material and many hours of labor. I think that the reason why greenkeepers have advanced so well in the past few years is that they are not as shy as they used to be. Visiting one another, or attending local greenkeepers meetings, has built up their confidences in themselves. Most greenkeepers are not afraid to ask questions as they were in the past.

The only greenkeeper who is afraid to ask a question is usually one who is new in the game or one who seldom attends meetings. Several times I have asked questions at our meetings for a member who before the meeting had mentioned some difficulty he was having. At later meetings this was not necessary because his questions were so thoroughly answered, and the new member knew he was with a group of men who were trying to help each other.

A book could be written on the things that a good greenkeeper can teach himself and the knowledge he gathers when attending local meetings. The coordination of the greenkeeper meetings and educational conferences or short courses, resolves itself into a simple principle of education. The value and purpose of education is for the individual to apply those things that he picks up from the classroom or by experience to his everyday job. Frequently people who are educated do not have the faculty of applying their knowledge on a practical basis. I think that this can be elaborated upon by many instances that happen on the job; factual matters.

It used to be when it came to the construction or maintenance end of a golf course every club had its own set of experts. These experts frequently became club officials, and after the damage was done, they are automatically retired from office, and the greenkeeper naturally inherits all of this grief. I can say this is not true at the present time at many clubs. And this is one reason why these clubs' maintenance cost is far below what it used to be. Green chairmen are just as interested in a good golf course as the greenkeeper is, because when the course is bad, so is the locker room for them.

The equipment manufacturers have gone a long way in helping out the cost of maintenance. They have manufactured putting green mowers that will cut 18 holes in five to eight hours, whereas it used to take around 15 to 18 hours. There is a sand-trap rake that can be pulled with a tractor. With this rake one man can do as much as six used to do. A power sprayer will spray a green in three to five minutes, where it used to take the old style method about one hour. Lawn mower manufacturers have made power mowers to cut banks of green, tees and bunkers. One man can take care of these on an 18 hole course in eight hours, whereas it used to take about twenty hours.

The steep slopes on greens, tees and fairways bunkers have been eased at many clubs and are being cut with a tractor, thus saving many hours. Very few clubs are fortunate enough to have a full time mechanic. The greenkeeper who has had mechanical training has very little worry along this line. He sees that his equipment is thoroughly overhauled during the winter months. If properly done at this time, it will require very little repairing during the summer other than minor adjustments.

Any person today who is operating a golf course with poor equipment certainly is behind the eight-ball.

When the war is over, equipment will become even more important, and labor secondary. This will lead to lower maintenance cost which in the end will bring the cost of golf within everyone's pocket book.

The height of cut on fairways seems to start a lot of good hot conversation. Most of us know that blue grass will do much better if cut not closer than one inch. A fourth of an inch longer is still better and will make a more dense turf. The extra growth shades the ground and thereby reduces loss of moisture from direct evaporation; consequently, the turf stays green longer and survives drought better. Shade also helps discourage clover, knot weed, crab grass, and many other weeds.

Fairways must be cut oftener when mowers are set to cut fairly high. Grass cut at $\frac{1}{2}$ inch is only $\frac{1}{2}$ inches high even after grass grows an inch between cuttings. Fairways are still playable. However, when mowers are set to cut at $\frac{1}{2}$ inches, grass is $\frac{2}{2}$ inches long by the time it is cut again, if interval between cuttings is the same. Then fairways are unplayable, because the golfers cannot find the ball in the long grass.

It seems that it is up to the individual club as to what height to cut their fairways. If they have the help and equipment which would enable them to cut the grass more often, naturally the 1¼ inch is the better, otherwise they will probably have to cut shorter and overlook the weeds that will come in the fairways, especially if they are watered.

Fairways that have a good percentage of bent are something different, becaule the higher cut on blue grass is no good on bent, and the low cut on bent is no good on blue grass. So one will have to figure this out himself and choose which he would rather have.

Weed control will probably become a standard practice after the war is over, and it is simple to trace this to the scientific work done through short courses and national educational conferences. I think I am safe in saying that the greenkeepers have done more advanced weed control work than any other group of the agricultural divisions.

The success of any club can be traced to good club officials, a good chairman at the head of each department, a good greenkeeper, good club house manager, good pro, good help and good equipment, all working together. It should always be remembered that in unity there is strength.



Tufhorse is busy making caddie bags—but they're all war models these days. All Tufhorse facilities are now concentrated on war production.

The same workmanship that built lasting service into the Tufhorse golf accessories you sold your members is today meeting war's exacting demand for rugged durability.

This is why we are unable to produce, or repair, Tufhorse golf accessories. With reasonable care they'll see you through.

DES MOINES GLOVE & MFG. CO.



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Samples to your club for the asking. VESTAL CO., 703 S. La Salle, Chicago

Proper Cutting Height Saves Money and Trouble

By JOHN MacGREGOR

Supt., Chicago Golf Club

★ If we were not highly mechanized it is doubtful that it would have been possible to keep the course in satisfactory playing condition with labor so difficult to obtain. Our situation at Chicago Golf in this respect probably is identical with that at almost every other first class club.

But, notwithstanding the current problems, it is consoling to recall that the course supt. always has had problems and has solved them in coming as close as possible to keeping everybody happy.

One of the problems which, in my opinion, has received valuable consideration at greenkeeper short courses and meetings is the height of cut. Among the many interesting and helpful discussions I've heard at these affairs, those on cutting have been especially practical.

Every club has among its members a minority who shoot in the seventies. They are excellent golfers but they often are critical and acting individuals who demand lightning fast putting greens and closely clipped fairways.

When the supt. of grounds is requested to cut the grass too close, he knows that this means trouble and is contrary to sound greenkeeping procedure. If he can cite outside and nationally known authorities in support of his position that the grass should be left reasonably long, he stands a rather good chance of discreetly and effectively stilling the clamor for dangerously close shaving.

Leading authorities who have spoken at short courses and meetings advocate not cutting grass closer than one inch. Most of them advise $1\frac{1}{2}$ to $1\frac{1}{2}$ inch cutting height. It would greatly reduce greenkeepers' troubles with turf if this expert advice could be put across to the low handicap golfers so they'd not keep insisting on an unnatural practice.

Height of cut is of paramount importance in the growing of certain grasses such as bluegrass and fescue. To mow blue grass, most popular of fairway grasses, closer than one inch is certainly inviting trouble. A sure result is a bumper crop of weeds.

Weeds can be eradicated with chemicals and the fairways reseeded at considerable cost. However, if close mowing still is done, the weed problem again, and quickly, will be present.

I am speaking from experience when I refer to the wisdom of not cutting fairways too close. After one season of mowing fairways 1% inches about 90% of the knotweed we had was eliminated. The grass grew so well it smothered out the weed. This has made possible a substantial saving to the club in money we would have been compelled to spend for weed control on a large scale. That would have been inevitable had not my chairman agreed with me about the correct height of cut and defended my decision against possible criticism.

It would be hard to believe that any course had more knotweed on its fairways than we had. Today the weed is scarce and I think that by the end of this season it will have been eliminated almost entirely.

This one instance I am disposed to believe alone has justified the time and money I've spent in attending short courses and greenkeepers' meetings for the good of my club. Had it not been for the repeated and convincing scientific proof of the advisability of cutting at heights greater than the low handicap golfer usually considers satisfactory my own judgment might have been weakened and I probably would have yielded to pressure that would have been serious to the condition of our course and costly in money and member interest to our club.

Thiosan Producing Suspended Dealers Have Some

J. Hunter Gooding, jr., sales mgr., Du Pont Semsan Co. advises greenkeepers and chairmen that Thiosan is not being taken from the market but that production has been temporarily suspended because of demand for one of the Thiosan ingredients for war material. There are some stocks of Thiosan in dealers' stocks. Ample quantities of Semesan and Special Semesan are in the manufacturer's and dealers' stocks. As soon as possible Thiosan manufacturer will be renewed.

Jackman Sportswear Co., Chicago, are offering a wide variety of golf accessories for pro shop sale in their catalog recently distributed to the golf professional trade. Sports apparel for both men and women is featured in the 16 page booklet, including jackets, shirts, hats, caps, sweaters, gloves, etc. Tom Force is in charge of Jackman during Ren Smith's service in the armed forces.

GET THOSE OLD CUTS BACK IN PLAY



Cartoons Spark Nation-Wide Spalding Campaign

One of 1944's livest sports advertising campaigns is the new Spalding Sports Show. According to Harry Amtmann, Advertising Manager of Spalding, this series is one phase of Spalding's over-all program to stimulate sports interest throughout the country.

The campaign is lighthearted in its approach and should produce extremely high readership. Placed on sports pages of leading newspapers throughout the country, the ads present sports facts and figures that should capture the attention of sports fans of all ages. The style is vivid; the subjects range over the whole field of sports history.

But, best of all, these ads really do promote sports and stir up sports enthusiasm—and this should pay off admirably to the entire industry. With millions of sports fans devoting their spare time to essential patriotic duties, the ads serve as deft reminder that sports are a key factor in the American way of life.

Combined with the galaxy of facts are various sidelights which point out Spalding's close connection with the development of sports in America. Spalding made the first base ball, the first golf ball, the first tennis ball, the first golf ball, the first golf club—and invariably there is some historical nugget which makes the "first" a choice bit of information. The cartoon treatment eliminates any possibility of raucous chest-thumping, each ad striking a balance between facts and "firsts".

To make sure that they're not missing any of the vast sports public, Spalding is sending out enlargements of the ads to dealers, coaches and pros. These "Blowups" will make attractive window and counter material—or, they may be used on bulletin boards or to decorate club and locker rooms.



Pattern for Tomorrow

• Do your plans for the future include protection against trespassing and vandalism — for security of beauty and privacy? Safeguarding property is the major function of long-lasting Page Chain Link Fence. Skilled service in erecting and repairing are the functions of responsible, local Page Fence firms. Write for FENCE FACTS and we will send name of Association member near you. PAGE FENCE ASSOCIATION, Headquarters: Monessen, Penna. A PRODUCT OF PAGE STEEL & WIRE DIVISION

AMERICAN CHAIN & CABLE CO., INC., BRIDGEPORT, CONN.



AND CALO-CLOR* on your shelf, ready for application, is your best 1944 assurance of greens safe from brownpatch. Remember there are two kinds: REGULAR, for dry application, and SUSPEN-SION Calo-Clor* for liquid application.

The small dosage required makes CALO-CLOR extremely economical. It is efficient as a remedy and preventive of both large brownpatch and "dollar spot." Those who prefer CALO-GREEN* for the latter, may again obtain it. See your dealer, or write us for nearest distributor's name.

*Trade Mark Reg., U.S. Pat. Off.

MALLINCKRODT CHEMICAL WORKS



Denver Golf Course Expert Devises Novel Labor-Saving Leaf Rake

Jim Haines, widely known supt. of the Denver (Colo.) CC built the leaf rake shown in accompanying illustrations. The rake has proved itself to be a highly valuable device to the club. It encourages fall play by eliminating risk of ball loss under leaves, and with the ball situation as it is that means more paying patronage for the club and less time lost by members.

The back structure of the rake is of rabbit wire with a wooden strip across top and bottom of the rake to which the wire is attached. Teeth are slightly beveled at bottom front ends. This was accomplished by Jim in an ingenious and easy manner; by running the completed rake over a paved parking area after a rain. The oiled pavement acted as a grinding wheel and beveled all teeth evenly.

The rake is 11 feet wide. Dumping is accomplished by backing up a couple of feet, giving the crank about a turn and a half, raising the rake high enough to clear the pile of leaves, then pulling forward and lowering the rake to working position. The leaves are left in windrows and bunched later.

(1)



Scottish Course Play Boomed by Traveling Restrictions

"One of the very unexpected effects of reduced traveling facilities has been a local revival of Scottish golf courses among the actual residents in the areas concerned. Instead of traveling far and wide as they did for holidays in normal years, hundreds and thousands are making tracks for the well-known Scottish courses which they normally left to the English and American tourists. St. Andrews might be taken as a case in point. With no attraction in distant holiday centres, Scots who live within 50 miles of this famous centre, and who would normally not think of spending a holiday so near home, have flocked to St. Andrews and have enjoyed a good week's golf.

"The only comment which this has produced so far is from experienced golfers who say, 'Well, after that, St. Andrews is no longer sacred. The things I have seen done there this week are beyond description.' Actually the play has deteriorated immensely, but against that the game has acquired a new meaning and a fresh interest for the many who would otherwise have been lured from golf to less profitable pastimes, so far as the sports traders are concerned."—Sports Trader & Exporter, London.

1. Shows the hoist, made with a piece of 4-inch pipe and a piece of cold rolled steel for the crank and strap iron attaching hoist to tractor. Note 1/4 inch cable and block under seat cushion acting as able guide. Chain and loop over rank is merely for holding rake in raised position for transporting from one area to another.

2. Rake in fully raised position. ¹/₄ by 1³/₄ inch angle iron used in rigging for cable blocks, see double block bolted between these two angle irons, and single block used on rake. Teeth are 3/8 inch cold rolled steel 10 inches long, 1 inch apart on centers welded to a 1/8 by 2 inch angle iron. Note braces from rake to hitch, this holds teeth rigidly at proper angle.

3. Rake in working position. Note the angle at which the teeth meets the ground is almost flat, this is to avoid gouging and can be worked out very easily by a little experimenting. Hitch from rake to tractor is made of 1/8 by 2 inch angle iron, using a piece of heavy strap iron for clevis.





<u>This</u> American is <u>not</u> expected to buy an extra War Bond in the 5TH WAR LOAN



But we are.

For each of us here at home, the job now is to buy extra bonds -100, 200, even 500 dollars worth if possible.

Many of us can do much more than we ever have before.

When the Victory Volunteer

comes to you and asks you to buy extra Bonds, think how much you'd give to have this War over and done.

Then remember that you're not giving anything. You're simply *lending* money—putting it in the best investment in the world.



Let's Go... for the Knockout Blow!

GOLFDOM

This is an official U.S. Treasury advertisement—prepared under auspices of Treasury Department and War Advertising Council



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Open New Proving Grounds for Ideal Power Mowers

On April 14, 1944, the Ideal Power Lawn Mower Co., opened its new proving grounds near Sanford, N. Car., on the grounds of the Sanford golf course where various types of grasses are available and the extended growing season permits mower testing most of the year.

Here it is planned to pre-test every model in the Ideal line, giving each unit the most vigorous proving tests conceivable, under all cutting conditions. Fairway, approaches and rough will all be utilized to determine the quality of work, capacity and durability of the equipment.

Testing is already under way on new hand mowers Ideal is perfecting. Cutting units also are being given tests behind power. Work schedules are planned and a system of inspection has been set up to determine wear, stability, cutting qualities, required adjustment and maintenance, etc.

In discussing the new testing area, Fred L. Hall, V. P. in Charge of Sales of the Rogers Diesel and Aircraft Corp., Ideal's parent company, said, "We don't claim that this is a brand new idea in the mower business But we do believe that our work here will be extremely valuable in proving and perfecting the numerous grass-cutting improvements we have under development.

"For your own protection, as well as our ultimate customer's, we are putting this equipment through the most exacting and difficult tests that can be devised."

Wanted-Golf carts-State make, age, cond and lowest cash price. Address: 502 % Golfdon	ition 1.
Pro-Greenkeeper —Desires change. At present ployed. Can manage clubhouse; A-1 credit rat Competent, very dependable, with excellent re at better clubs, two clubs in 20 years. Mar over draft age, Scottish born, for economical keep in all depts, of your club. Address: Ad % Golfdom.	cord ried, up-
For Sale: Golf Balls—20 doz. best grade, pre repainted, \$6.25 per doz. 20 doz. same grade che brands, \$5.00 per doz. 25 doz. not repainted balls, perfect covers, same price. 50 doz. used, s size, "Canadian" balls, repainted for driving ri or foreign play, \$3.25 per doz. Cash with on Post paid. Will send single dozens. Other from time to time. Address: Indian Hills, \$4t Dodge, Omaha, Nebr.	aper used mall inge der. balls
BOOKS-Golf Books and Periodicals, all d What do you need? Address: Black Archer P 5322 Ludlam Ave., Chicago 30, Ill.	
Pro-Manager Wanted —Experienced man with ord of reliability. Must possess ability to buy of house and dining room supplies and be a good instructor. Splendid opportunity for right n Applu: Walnut Hills Golf Club, East Lansing, M	golf
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Kaddie Karts Wanted-Advise number of or you wish to dispose of and price for su Address: Ad 501. % Golfdom. Wanted-Greenkeeper and general utility man	

Wanted-Greenkeeper and general utility man for mid-west golf course. Address: Ad 505, % Golfdom.