#### Herbert Jacques, USGA Leader, Dies at Boston

Herbert Jacques, 64, died suddenly April 30, of a heart attack at his home in Boston. He was pres., USGA, in 1933 and 1934. His father had headed the USGA in 1909 and 1910.

Mr. Jacques had been pres., The Country Club of Brookline, Mass., since 1944. He also was a founder of the Massachusetts Golf Assn. As an official of the USGA he worked out the present specifications of the American ball and was a pioneer in world-wide standardization of the rules.

He was a prominent New England industrialist. He had been a track star at Harvard from which he graduated in 1911. He won commissions as an army lieut., and as a naval aviation ensign in World War 1.

Jacques was energetic, foresighted and genial in modernizing and popularizing the USGA during his administrations, and with his pal of The Country Club of Brookline, Hal Pierce, who became USGA pres. in 1940 and 1941, laid out the policy of USGA extended services and influence.

He was present at the USGA annual meeting this year, not in good health but in bright spirits and, as ever, a joy to those who had the great fortune to know this finest of gentlemen sportsmen.

GETTING KIDS STARTED WANDED GOLF CLUBS GOLF CLUBS THAT ARE Not Being Used! A lot of high school youngsters would like to learn to play golf, but lack funds for golf equipment. If you have clubs you'd like to donate, or will sell, contact Lou Frey, secretary, at the Penney Company or leave at the Bulletin - or phone 99 or 3 and they will be picked up.

This 3-inch one-column ad in the Buffalo (Wyo.) Bullet shows how the golfers of that town (population 2,674) encourage golf among high school students.





Golfers everywhere are expressing much interest in these new clubs that are perfect for bad lies. Carefully made to give plenty of distance, extra loft, and pin-point accuracy. Available immediately for only \$15.00 retail.



oldest and exclusive clubmakers



GOLFERS REALIZE THE MANY ADVANTAGES OF THE LIGHTWEIGHT BALANCED GOLF BAG."



#### Central Plains Foundation Shows Value at Field Day

CENTRAL Plains Turf Foundation Field Day, Wichita, Ks., June 8, has a program which exhibits the remarkably valuable work the Foundation has done since its establishment in 1950.

Those at the field day will inspect the Wichita (Ks.) CC new course which was started about 4 years ago and has been in play for 2 seasons. Other places on the Field Day tour will be the University of Wichita Veterans' football field, Lawrence stadium (Wichita Parks' heavily used sports field), and the experimental nursery operated by the Board of Park Commissioners. These turfed establishments and many others in Kansas, Colorado, Nebraska, Missouri and other central states are collaborating to decided mutual profit with the Central Plains Turf Foundation.

An extensive demonstration of turf maintenance machinery also will be staged at the field day. Foundation pres. is Chester Mendenhall. W. E. Updegraff and Ross McCausland are co-chmn. of the Field Day committee.

#### Western Seniors at Shawnee

Western Seniors' Golf Assn. 5th annual tournament will be played at Fred Waring's Shawnee CC, Shawnee-on-Delaware, Pa., with 18 holes on July 9 and another 18 on July 10.

Entry fee is \$20. Closing entry date is June 25. Entries should be sent to Sec. Wm. V. Kingdon, 7520 N. Pennsylvania, Indianapolis, Ind. Kingdon says wives will accompany many members to the tournament.

In addition to the championship and handicap competitions for the Kennedy and Braughton trophies, respectively, there'll be competition in six age classes from the 50-54 group to the 75 years and older class.

#### Frank Murray, CMA Founder and Official, Dies

Frank H. Murray, 61, a founder of the Club Managers' Assn. of America, who served as president and as secretary of the organization, died of cancer, May 14, at his home in Evanston, Ill. Murray also had been pres., Chicago Club Managers' Assn., and served in other offices.

He was born in Helena, Mont. and after returning from World War I where he served as an artillery officer, he went with the Ravisloe CC in 1920. He resigned as Ravisloe manager in 1936 to go as Glen View Club's mgr., and in 1952 went to North Shore CC, also in the Chicago dist., as mgr. Illness caused his resignation from North Shore in 1952.

Murray was one of the most widely known, best liked men in club management. He was a highly competent, hardworking, cheerful fellow. Not a word of complaint came from him during his prolonged illness and he kept going around until compelled to enter a hospital.

He is survived by his wife, Ruby.

#### WORK ON SMALL CLUB

(Continued from page 34) Millan, Ed Weber, George Regan, Walter Kundert and O. J. Tommeraasen, are the kind of men you would expect, if you knew them, to make a club like ours the best club that any town of Madison's size or two or three times its population, can show."

Maybe Ryan is guilty of poetic license in bragging about his club, but he can't be arrested for that. Such confidence is worth money to the club and to Ryan.

When Ryan came to the club from California all the members' clubs were on carts and were parked in the middle of the grillroom floor. He wrote: "We needed the space for tables and card playing on stag nights. So I built racks along the walls and put two carts to a rack and now we have the floor space we need for members in the evening."

That's not the fanciest arrangement in the world and not the most desirable answer to the problem of cart storage which bothers so many clubs, but it worked at Madison.

#### Improvises A Pro Shop

Something else that Ryan did that shows the resourcefulness of a good small town club pro is the way he built the pro shop shown in accompanying illustration. "I figure that supplying our members with the best, most suitable playing equipment they can get anywhere is a very important part of my service to the club. So I built my shop at one end of the grillroom, where I can take care of customers at the shop and care for the bar business also.

"In the summer I have an assistant who takes care of the shop and bar while I'm out teaching."

At a larger club the arrangement wouldn't fit but in the smaller town clubs



### CALIFORNIA GOLFER

The skirt that scores in sales! Of washable Dandilyn, the crease-resistant premium rayon linen, it's flared for fashion and a comfortable stance, has a giant pocket with concealed zipper, tee-holder belt of saddle leather. A great buy for you golfers. A good profit for you. White, beige, med. brown, navy, lime, black. Style 535, sizes 8 to 18. Cost \$6.75. Suggested Retail, \$12.00 Delivery starting June 25th.

Order today direct from manufacturer.



CALIFORNIA 2202 BROADWAY, SANTA MONICA, CALIFORNIA FLANGE-WRAP GRIPS

an extra charge for this SUPERIOR grip-except on top lines-ASK FOR IT.

It must be worth more because the owners of a MILLION clubs have paid \$2.50 and \$3.00 each to replace both old and new grips with this

Finest "Feel" in Golf

C. S. I. Sales Company Solon Center Bldg. • Solon, Ohio Exec. Office: 536 Terminal Tower Cleveland 13, Ohio



is prepared especially for the leather grips of Golf Clubs. It gives a firm, tacky grip with light hand pressure, permitting an easy relaxing rhythmic swing. Your Accuracy will improve, you'll feel relaxed — and those

PRO-GRIP

## "Extra Strokes" will vanish.

# Manufacturer's Specialty Co., Inc.

2736 Sidney Street

St. Louis 4, Missouri

To be sure you get GOLFDOM Fill-in and Mail the Form on Page 94 the tie-up of the grillroom and pro shop frequently is a necessity and quite a few of the smaller town pros do the job very attractively and effectively.

And why not? Some of the best pro department selling done at the larger clubs is when the pro is in the lockerroom talking over clubs with members, then leading them into the shop. Al Watrous at Oakland Hills; Wood, and now Harmon, at Winged Foot; and Joe Novak before the new pro shop was built at Bel Air; are merchandising stars who showed that locker-room selling as well as the lesson tee could be made tremendous factors in increasing shop sales volume.

## COURSE RECORDS THAT HELP

(Continued from page 42) used whenever possible. They, along with the marginal notes should contain enough information for the superintendent to be able to intelligently report to his chairman the entire situation at any time. Although your methods of turf management may be highly effective, unless you can answer questions in a positive manner, backed up by recorded facts and figures, the club officials may hesitate to accept your conclusions.

Sound business practice provides for recognition of ability. Demonstrate that you are capable of handling the club's valuable investment. Too many worthwhile accomplishments go un-noticed only because the superintendent fails to submit a business-like report. There is a common tendency to be lazy. This is a vice, and like all vices, it is destructive. The appointment of committees often results in much apathy by its members. If such a condition prevails at your club, don't succumb to the same course of inaction. The committee usually has a brief tenure of office. You, on the other hand, are engaged in a profession which requires full time concentration. Do your job well; even if you are never called on, to make a report. Think of the valuable reference material contained in your records.

#### Maintain Library

Speaking of reference material, the superintendent should maintain a library. It is just as important to him as it is to other professions. Set up an index file. It will enable you to put your finger on any subject you wish to study. Treating turf is not unlike treating humans for illness. Did you ever notice that a medical doctor

maintains a library? Therapeutics is a complex art and science. It would be impossible to memorize all the knowledge on the subject. It is common practice for a doctor to prescribe "sugar pills" to his patient on his initial visit to the doctor's office. Actually, in such a case, the doctor is merely delaying treatment until he has had time to consult his textbooks. A superintendent may well use information culled from his library. It will enable him to analyze his problem and to outline its solution in a practical manner. Unfortunately for the golf course superintendent, he does not have a margin for error as great as the doctor. When a doctor's error of judgement results in the death of his patient, he graciously disposes of the body by arranging for a decent burial. However, when the superintendent's patient, the green, dies he is subjected to the humility of presiding over an endless wake. The green cannot be buried. The cadaver is a constant reminder to the golfer, that the superintendent lacked skill to save it. This analogy, morbid as it is, serves only to emphasize the handicap under which we work. It means little to the golfer, that extenuating circumstances over which the superintendent has



Mr. Oscar Witzleb, owner of Plum Hollow golf club, Dixon, Ill., states: "after only 3 applications of liquid Gro-Green (less than 3 weeks) a large dead area consisting of approximately one-quarter of our No. 2 green has completely revived." He concludes: "It's not only easy to use—but works like magic."

siquid Gro-Green contains all essential Trace and Micro-elements, hormones, and vitamins that provide balanced plant diet without waste. For greens, use handy spray gun (shown below), Fill glass container with undiluted Gro-Green and con-



nect to hose. Spray gun automatically mixes 1 pint Gra-Green to 1.5 gallons of water. 1 pint covers approximately 2000 sq. ft. For fairways, use ordinary mounted sprayer. Mix 2 gallons Gra-Green with 8 gallons water, use 10 gallons per acre nozzle. Weed killer may be mixed with solution and both sprayed on at one time.

co.

Wire or write for price list. Dealer inquiries invited.

ROCHELLE ILLINOIS

H. D. CAMP





# Best Choice in the Rough... WOOD'S faster retary cutters and mowers

A stroke of good purchasing! For rugged, brushy roughs or grassy fairways – the answer's the same.

#### FASTER THAN REEL TYPE OR SICKLE BAR-WITH NO MAINTENANCE WORRIES

Will replace two ordinary mowers in many cases and virtually eliminates upkeep and sharpening.

USE for: Cutting toughest roughs -shreds completely, eliminates raking• mowing grass neatly down to 1" along fairways • cutting weeds and brush the size of a man's wrist • mulching leaves - no raking or hauling, all these in half the time!



7 models .... one to fit your needs perfectly, both hydraulic lift and pull types.

**WRITE** for literature describing mowers for golf course maintenance.





"That guy will cuss, he will be mad, He'll swear his luck is always bad; The other three will giggle with glee, As in my arms his ball they see; That Golfcraft ball, it really flies, It's white and true and it I prize."



## PROFIT WITH THE P.G.E. BALL MARKER!

Special installation offer for 1953. Dies furnished at low cost to fit your present machine.

Write for Details Today!



no control have caused the loss. These extenuating circumstances would be the most thought-provoking revelations if ever brought to light. It would astound club officials in general, to be bluntly shown how they are responsible for a sure and rapid degenrative process that is taking place in the field of turf management. Such a topic is not in order at this time, so, let us continue with golf course records.

The accompanying graphs, although they are actual records, do not necessarily represent a standard of form to follow. They merely illustrate one method of maintaining records. In conclusion, let me reiterate: Make your records serve a definite purpose, whether it be to meet the requirements of club officials or to provide reference material for yourself. In any case, you will become more proficient by maintaining well-kept golf course records.

#### HOW TO PLAN FERTILIZING (Continued from page 49)

late. I have not kept track of this nitrogen because it is such a small amount. There is another reason too -I don't know how to figure gallons into pounds.

After Labor Day it's time to start thinking about "When" again and getting ready for the fall program.

This takes some time usually because of the heat and I consider myself lucky if I can get a small amount on before the first of October. The quantity can be increased up to one pound per thousand per application as the weather gets cooler. By the end of October, 3 lbs, have been applied. Just before cold weather and before the last mowing, I like to feed 1 lb. all organic nitrogen, which, by breaking down slowly, helps to feed the roots over winter. The last cut is made without the grass catcher on the mower so as not to pick up any of the material. This makes 4 lbs. of nitrogen used during the fall for a total of 71/2 lbs. for the year plus a small amount put on in liquid form and by the use of cyanide in top dressing. All material used on greens is broadcast by hand from pails. With a little practice a man can start on one side and make a pail of mix cover the entire green evenly without running out twothirds of the way across. We divide the material and crisscross the green in as many directions as there are pails to be applied in order to assure even distribution.

I don't believe in the use of straight inorganic nitrogen except in certain cases. such as greening up for a special tournament or to heal the spots left after a bad attack of disease. If it is used, leaves are produced at a greater rate than the roots can keep up with, since roots normally grow slower. Evidently the roots must need additional food also, or the tops wouldn't show signs of needing food, Tops and roots would be in proper balance. If the tops are forced, there is going to have to be a period of rest for that plant. After exertion all life must have time for recuperation. I've seen cases where sulphate of ammonia is used alone all summer. The grass looks good, but then in the fall when it should start growing again it will not respond to anything. It is resting. It is like the fellow who runs uphill. He is sooner or later going to have to take a rest. I prefer the regular use of a well-balanced complete fertilizer so that all elements of plant food are present at all times.

On fairways and tees the same general rules apply, but we don't have to be as careful as on greens because the grass is longer and isn't so apt to show burn. I like from 800 to 1200 lbs. to the acre every fall but don't always get it because of the budget. This amount is broken up

## They'll buy - when they try

## The Great New Pend-L-Putter

An even more sensational performer than last year's fast selling Putt-Master Pendulum Putter model. Lines putts up accurately . . . binocular sighting improves gauging of distance . . . overcomes pushing and pulling . . . strokes ball pulling . . . strokes with overspin . . . keeps stroke and follow-thru on line . . . reduces tendency to lift head. Same Pend-L-Putter serves right or lefthanders. USGA approved. Solid aluminum head, True Temper shaft. Top quality grip.



> Retail \$14.50. Regular Discount To Pros. Order Today From

PUTT-MASTER CO. 31 N. First St. PHOENIX, ARIZ.



Here's a practical, energy-saving golf bag that lets players "take the load off their feet" between shots! Light in weight and perfectly balanced for easy carrying, SIT-N-REST incorporates comfortable hammock-type seat for relaxing while waiting for others to shoot. Bag lies on ground, one leg ex-

without stooping . . . quickly readjusts to sitting or carrying position! SIT-N-REST is a "natural" for ladies and oldsters . . . holds golfers weighing up to 300 lbs. . . folds to standard bag size for storage.

NEW LOW PRICE! Popular Model SIT-N-REST now lists at \$9.95; Deluxe Model \$14.50 - less usual discounts. SIT-N-REST GOLF BAG CO. 2386-B W. Clybourn St., Milwaukee 3, Wisconsin

into two or three applications and I like to use some organic if I can get it. Some of the fertilizer, if applied after aeration if possible, has a better chance to stay put on the slopes. Except on Bermuda turf, I'm not much in favor of spring fertilization unless for some reason it was impossible to put it on the previous fall. I don't like to use heavy applications of nitrogen fertilizer in spring. Anything will grow in the spring because of ideal weather and because of the natural elements of plant food that have accumulated in the soil over winter while the plants were dormant. To add to this natural fertility is apt to over-stimulate and bring on the rest period that must and will follow - the fellow running uphill again.

In the few cases I know of where fairways were over-fertilized, in each it was due to spring fertilization. Charlie Hallowell says spring applications of nitrogen fertilizer are not helpful in maintaining a dense fairway turf in June, and in my



\$19.95 STORED'S FINEST WORLD'S FINEST

K-KART has led the field year after year. Finest Quality... Beautiful Design...

Easy Handling over even roughest terrain. Here are the new features of the New K-KART Junior.

Light weight—only 121/2 lbs. 10" All Aluminum. Ball-Bearing wheels. One bag bracket fits all type bags. Smooth tread tires—no more mud pick-up. Get K-Kart . . . the World's Finest DE LUXE MODEL

K-10 with 10 inch wheels \$27.50 K-12 with 12 inch wheels \$29.50 Master De Luxe Model is De Luxe Model with rest period seat. Add \$7.50 for seat.

Write for discounts

KUNKEL INDUSTRIES 2358 Clybourn Ave. Chicago 14, III. experience I have found this to be true. I also believe spring applications are more favorable for weeds and crab grass because they are growing vigorously at that time. However, spring and summer applications are necessary for Bermuda turf.

I prefer to start my fairway feeding program early in September. This may be a little early since crabgrass keeps growing until the first frost which is around the middle of October, but I have found I must start early in order to get the job done. I feel that by encouraging the permanent grasses to spread and occupy space left by crabgrass, I have gained. Since no two things can occupy the same space, there is less space for the germination of crabgrass seed the following year.

I have intentionally skipped lightly over tees and fairways. Amounts as I see it are not too important. Any amount from 800 to 1200 lbs. per acre evenly distributed is good. The most important thing is to get it on and get it on at the right time. I believe too much fertilizer is stored in the shop over winter. If I have fertilizer I don't like to keep it in the bag. I like to get it out on the ground where it will do some good. Ruben Hines, an old friend of mine in the Washington, D. C. area, once asked me if I had any fertilizer. I said sure I have 1000 lbs. of fertilizerwouldn't be without it. He said, "What are you keeping it for? It won't do any good in the barn." I have thought of that a great many times and I believe it has helped a great deal. I has become a sort of motto with me and it's a thought I want to leave with you. Don't keep fertilizer - use it.

#### Northeastern Wisconsin Holds Operations Clinic

Annual meeting and golf club operations clinic of the Northeastern Wisconsin Golf Assn. was held May 11th at the Oneida Golf & Riding Club, Green Bay.

The clinic featured four seminars, one for presidents and secretaries, one for club managers and house committeemen, one for superintendents and greens chairmen, and one with the professionals and sports committee chairmen. Each seminar featured an outside speaker discussing an aspect of club operation.

At the annual meeting it was agreed that all NEWGA clubs will use the USGA (current) handicap system. M. A. Carroll of Oshkosh was re-elected pres., Robert Testwuide of Sheboygan was reelected vp, and Donald P. Steinberg, Jr., of Appleton was re-elected sec.-treas. Frank Murphy of Manitowoc, Frank Cornelisen of Green Bay and Richard Johnson of Waupaca were elected directors-atlarge for the coming year.

The annual meeting and clinic will be held at Riverdale, Sheboygan; the Bestball tourney is scheduled for Riverside, Marinette; the amateur for Butte des Morts, Appleton; the ladies tourney for South Hills, Fond du Lac; and the Open at Riverdale, Sheboygan.

West Bend C.C. was voted to membership.

About 120 men representing 21 member clubs attended the gathering.

**DISEASES OF TURF** (Continued from page 68)

think of it only when you add the various factors of number of applications necessary; the residual material after a rain; and the labor cost of added applications. As an example of this I would take two compounds which to me offer excellent control of Brown Patch. Calo Cure is excellent, long lasting regardless of rain,

but high priced. If you are short of labor,



# **MELFLEX** means "The Best!"

The users know • "I've used Melflex tees for the past five years and have found them to be the best molded rubber tee made."

(Don Soper Golf Range, Royal Oak, Mich.)

MELFLEX Rubber Tees — tough, tubular, durable — \$17.00 per 100. MELFLEX HEAVY DUTY TEE MATS — another Range leader. Made of bomber airplane tire carcasses. Smoothest playing, longest lasting of all tee mats.

Throughout the clubhouse too,

## **MELFLEX** means "The Best"

M E L F L E X is ready to supply, promptly, on direct, factory-to-you purchase.

W by not a trial order to convince you? For lockerroom aisles and other spike shoe traffic lanes — MEL-ISLE, ribbed type runner, or MEL-FLOR, smooth surface runner. Both made of the toughest, surest-footed material obtainable — rubberized fabric full  $\frac{1}{4}$  in. thick.

MELFLEX DIAMOND TREAD STEP TREADS — MELFLEX LANDING MATS — MELFLEX STANDING, SHOWER and KITCHEN MATS . . . all are especially made to serve better and last longer. A trial order of MELFLEX products will convince you that they are the safest, most enduring and economical of golf clubhouse floor covering.





wish to stay on a set 10-12 day schedule and have ample funds for chemicals, I would say that it is your best selection. On the other hand Orthocide 406 (now offered under the general name of Captan) is an equally good fungicide, is very lowpriced but will not hold up under more than ¾ of an inch of rainfall. Incidentally the latter material also offers you absolutely no control for Dollar Spot or Copper Spot, whereas the former does a pretty good job of both. Thus, it is up to you to determine your own need.

Do some experimental work on your own golf course rather than looking to your agricultural experiment station for all the tests. This merits consideration on two points. First, the results you get do apply to your course, whereas the results from the agricultural station may not, since they may have a different soil, culture, turf strain, etc. And secondly, there is nothing so convincing as seeing green and brown results on the grass rather than black and white results on printed data sheets. As an old farmer told me when I worked in Delaware, "I don't give a darn for all of your statistical analysis proving that a treatment is good, what I want to do is to walk

