

National Amateur Driving Champion Wins



With True Temper Shafted Club

Above is shown J. W. Reynolds of Schenectady, New York, with the True Temper Shafted driver which he used in winning the National Amateur Distance Driving Championship at Soldiers' Field, Chicago, Illinois, on August 28, 1929.

Mr. Reynolds says, "I personally believe that True Temper shafts give greater distance, but their most valuable asset is their strength. Before I bought this set of woods, the set I had, had steel shafts of another make, and I broke four shafts of that make."

This is public proof of the fact, long since established in the hands of thousands of private users, that the True Temper Shaft excels in:

DISTANCE — DIRECTION — DURABILITY
"Just Feel It Once"

THE AMERICAN FORK & HOE COMPANY

Sporting Goods Division

General Offices: Cleveland, Ohio

Factory: Geneva, Ohio

TRUE TEMPER

GOLF SHAFTS

Let GOLFDOM advertisers help you. They are golf field experts.

correspondence before I undertook my duties.

"Golf and country clubs are so differently constituted and vary so considerably in their general organization that it would be very difficult to draw a standard form of contract between a club and a general manager. There are, as you know, very few general managers charged with control of all the club's activities and doubt whether there are even two clubs whose requirements of a general manager are similar.

"The nature and extent of the duties, scope and authority given to a man appointed to the post of general manager of a golf or country club may be limited when he is appointed, but in course of time, as he gains the confidence of the board of governors and the membership becomes accustomed to the change in management, the responsibilities of the general manager will increase in proportion to the success attending his efforts.

Simplifying Work

"When a general manager is employed there is no necessity for green-committees, house committees, etc.

"An executive committee consisting of the president, vice president, secretary, treasurer and perhaps two other members, all of whom should be members of the board of governors, should be charged with the general control of the club's affairs, subject to the policies defined by the board of governors.

"On the executive committee, each of the members should interest himself particularly in a separate phase of the club's affairs, such as finance, house, golf courses, tournaments, etc., in order that the general manager will have but one officer, with whom he should discuss a particular subject. The general manager should attend all meetings of the executive committee.

"The proper place for the office of a club is at the club and not in a town miles away. The office and its staff should be under the direct control of the general manager. Much of the detail work of the secretary and treasurer can, and should, be performed for them at the club. All the club employees should be under the general manager. Any division of authority is almost certain to prove fatal to the whole plan of business arrangement. The steward, greenkeeper, professional and cashier must be given to understand that the old order has changed.

"If the club has made a wise selection

in its general manager the heads of the department will have nothing to lose and much to gain by loyal cooperation.

"A general manager should not be appointed with a view of economy in staff payroll. He should be permitted to employ the best staff obtainable. He is appointed to perform duties formerly assigned to elected committees of members who joined the club for pleasure and not to work overtime, and of course he is expected by reason of his experience to improve upon the work of the committees which he replaces.

"There are certain obvious differences between a club and a business concern but the differences are not great. The success of both depend upon good management. Both have something to sell. Both declare dividends, the former in cash, the latter in the shape of improved property and more pleasure to the membership.

Competition Prevails

"And in these days clubs have competition to contend with, for even the clubs with a full membership and a long waiting list must keep pace with the steady march of progress. Maintenance is not sufficient.

"A man taking the first appointment as general manager at a golf or country club, like all pioneers, will have some difficulties to overcome. There will be resistance on the part of the old employees. It will take time for the membership to become reconciled to the change and accept it. To be successful the general manager must have the full cooperation of the directors of the club, particularly during the first year. Thereafter the wisdom of the change and the fruits of his labors will be apparent.

"I think a country club is well advised in selecting a general manager who possesses more knowledge of golf courses and outside work than of the clubhouse management."

PICK GOLF JESTS FROM "PUNCH"

MR. PUNCH ON THE LINKS. E. V. KNOX, EDITOR. NEW YORK: RAE D. HENKLE CO. \$2.

From the stories of golf and the pictures illustrating the merry jibes at the players of that ancient and honorable game found in the pages of "Punch," Mr. Knox has skimmed the cream of text and illustrations and combined them into the attractive volume known as "Mr. Punch on the Links." It has thirty-two full page drawings by Punch artists.

A Sensible Plan for Real Turf Development

After all is said and done, turf on greens and fairways, makes or mars a golf course. The *only* way you can make *sure* of having good turf is to start with a complete, accurate knowledge of what your course requires, then build up the turf according to a systematic, scientific plan laid out by specialists who *know* turf needs and how to meet them.

Make a Scientific Soil Survey

A soil survey is the first step. This reveals all the secrets of your soil—secrets which no one is smart enough to discover without the aid of microscopic and chemical analyses. Practically every golf course covers several different types of soils, all requiring distinctive different treatments.

Follow a Systematic Turf Program

Make the soil survey the basis for the turf building program, including proper soil conditioning, suitable and adequate drainage, selection of grasses best suited to climate, soil and usage, necessary fertilizers, careful seeding, good care and, in most instances, a system of artificial watering.

How to Do It

Put your problem up to us. The making of soil surveys, with complete reports and recommendations for turf programs as described above, is part of our regular specialized soil and drainage engineering service. Its cost is nominal. It not only often prevents wasteful expenditure of thousands of dollars, but results in good turf, better playing conditions, and much longer playing seasons. It is the best way to win the enthusiastic approval of your playing membership.

We will gladly give you full particulars.

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Whether golfing is your vocation or avocation Savage's pleasant, stimulative vibratory massage puts you, and keeps you in good form.

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EXERCISER AND REDUCER
Patents applied for by J. G. DeKemer

A Product of

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Makers of the famous Savage-Stevens Sporting Arms, the Savage Wringerless Washers, and Savage All-Electric Ironing Machine.

GREENKEEPING PROBLEMS in LEACH'S MAIL BAG

Far West Waterless Fairways
Sir:

I am looking for some practical information on planting and raising grass on a golf fairway where there is no irrigation and dependent upon rain.

In this part of the country it is a pretty hard matter to raise grass on a fairway of this kind. In taking the question up with other courses recently Mr. ———, Chairman of the Greens Committee of the ——— C. C. reported that they planted a certain percent of rye with the grass in the fall of the year and they found this to be the most practical way for dry farming. After the rye grows up it is cut and allowed to fall over the young grass which retains the moisture and protects it against the severe sun heat. This has been about the most successful way in raising young grass.

We tried the same experiment here this spring, but some of our members conceived the idea that the rye lay too close to the grass and would destroy it and some of the rest take the position that it protects the grass and makes a mulch which should be left on all winter to rot and can be then gathered up in the spring.

These are two theories for raising grass and I wish you would let me know regarding your experience on other courses in dry seasons, where there is no water available.

The other course considers this experience successful, and is of great benefit in preserving the moisture, and wherever the rye is thin they put on ordinary straw on the course to protect the young grass.

As this is a disputed question would like to have your opinion on this question. It cost us \$1,800 to sow this grass and on account of some of the members taking off the grass this spring we feel that we are going to lose about \$1,800, the cost of planting this seed last year, and we are looking for some information on this question.

W. M.
(Montana)

Fair Warning!

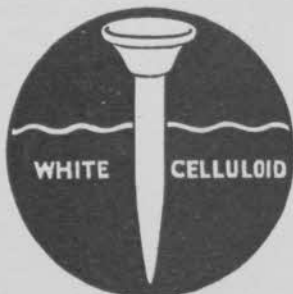
Reports from all parts of the Country indicate that the use of the Celluloid Tee is spreading rapidly.

Thousands of golfers used these clean, smooth tees this year and will never again buy any other kind.

Thousands more will turn to the Celluloid Tees next year. In many places the Pros even now find it almost impossible to sell the ordinary tees. Do you not think that you had better buy the Celluloid Tees for next season?

"PEG"

REG. U. S. PAT. OFF.



Announces Better Values

"PEG" led the way to the Celluloid Tee and still leads in this type of tee. Golfers like the "feel" of "PEG". Sales have gone up-up-up permitting us to give you better value than ever.

For Next Season "PEG"
Will Be Packed 12 Tees to
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In addition to finding two more tees in your boxes you will find that the tees are better than ever, and are put up in a more attractive package.

They will still be packed either all white or with white stems and assorted colored heads.

You do not have to belong to a "buying-group" to get a price on "PEG" that will enable you to make a splendid profit. It will pay for you to investigate this feature.

The trend is to "PEG". The leading jobbers are selling it.

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KEENE, N. H.

TO THE GOLF PRO

ARE YOU INTERESTED ?

MORE MONEY FOR YOU

IN 1930

USE THE COUPON

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WILL MAKE MONEY
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SEASON AND WILL BUILD
A BIGGER

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Gentlemen:—

Please send me without obligation, the NEW
PROFIT PLAN.

Club

Your Name

City

State

Address or R. F. D.

WON'T COST YOU ONE RED CENT

Answer

Sir:

With regard to giving you advice on your particular problem would advise that with a very little thought I could write you a full page of criticism, comment and suggestion which would sound very authoritative and convincing, but I can assure you that I don't propose to do any such thing. In other words the editorial staff of GOLFDOM does not make a practice of shooting the bull with regard to questions they are not reasonably familiar with, and I can honestly assure you that I know nothing regarding conditions in Montana.

I can, however, give you one constructive suggestion which followed will in all probability be of assistance in coping with your problem. In substance would suggest that you get in touch with the Department of Agronomy of the Montana Experiment Station, at Cooley, Montana. The agronomists at the Montana station are a keen bunch and, equally important, they know Montana conditions and especially conditions in your section of Montana. If the distance is not too great would even suggest that you have one of their staff visit your course so that he can size up the deal at first hand.

I don't know what species of grass you are planting in your fairways but as much as possible I would stick to the native pasture grasses.

B. R. Leach.

Weed Eradication in Fall

Sir:

I have read your articles in which you advocate the use of arsenate of lead in preparing the soil for a lawn. I was successful in getting a very good lawn started last year using about four or five inches of good black dirt over clay sub-soil. This year the weeds, in spite of constant warfare against them, got a very husky start. Can you advise the best method of getting rid of them at this time of the season?

Would you use arsenate of lead as a spray?

H. J.
(Illinois)

Answer

Weed growth for the current year is now ebbing and very little good would be accomplished by application of chemicals for weed control at this time. The first heavy frost will kill off the crab grass and give the fine grass remaining in the lawn an

opportunity to make some growth during the cool fall months. About the middle of October would suggest that you apply milorganite to the turf at the rate of 30 pounds per 1000 square feet of surface. This is an organic fertilizer and will give the grass a good kick-off in the spring before weed growth becomes heavy. Next season watch the turf and as soon as you see the crab-grass beginning to sprout apply 5 pounds of lead arsenate powder per 1000 square feet of turf, mixing the arsenate with some soil or sand in order to facilitate the operation of spreading. For such weeds as plantain and dandelion hand weeding is necessary as I know of no fool-proof and easy method of cleaning them up applicable to the owner of the small lawn.

Three quarters of the battle in weed control in fine turf consists in getting a good stand of turf to begin with, by proper seeding and then adequate feeding of the lawn to insure a vigorous growth of the grass thereby crowding out much of the weed growth. Arsenate of lead will clean up such weeds as chickweed and give pronounced control of crab-grass if applied as above.

B. R. Leach.

Sand for Top-Dressing

Sir:

I would like to have your opinion on the use of clear sand as a top-dressing for putting greens. Personally I do not favor it, but as there is quite a diversity of opinions regarding its use, I want further information on the subject.

I would also like to hear from you regarding the use of sulphuric acid to eradicate dandelions, i. e., its good and bad points, whether it is advisable to use it, and if so whether it is more efficient than the old method of weeding them out.

J. R.

(Wisconsin)

Answer—

Sir:

Sept. 20, 1929.

Would not advise the use of clear sand as a top-dressing for putting greens. It offers little nourishment to fine turf and in time will cause a layer of straight sand to form which will interfere with the up and down movement of the soil water. Where soil used for top-dressing purposes is too heavy such as a stiff clay, the addition of sand is very desirable as a means of lightening the soil and rendering it more friable.

Increased bag sales

running as high as
270%, with a good !
profit on each sale ♦

That's what the popular

Tufhorse line

backed by live pro merchandising, has
done toward increasing golf shop in-
comes this year.

The Tufhorse line for 1930 is now
ready and the pros who have seen it
say it's bound to stimulate record
sales for next year. A post card will
make certain you see it—send it
today.

*Isn't it time you were ordering for winter re-
sort and Christmas gift trade? We're ready!*

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*Beloit Country Club
Beloit, Wis. (18 holes)*

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Beloit, Wis. (18 holes)*

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*Lake Anna Golf Club
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*Burnham Woods Golf Club
Burnham, Ill. (18 holes)*

*Walnut Hills Golf Course
Chicago, Ill. (18 holes)*

*Oneida Golf and Riding Club
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Cedar Lake, Ind. (18 holes)*

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For dandelion eradication I would give the method involving the use of iron sulphate, as described by John McGregor in recent articles in GOLFDOM, a thorough tryout. Sulphuric acid, at best, is nasty stuff for a non-chemist to handle.

B. R. LEACH.

Checking Pearlwort

Sir:

Can you tell me what causes pearlwort to come into my greens? Is there any way to check it?

My soil is a clay soil and I use Ammo-Pho and a compost top-dressing of soil, rotted dressing, and sand.

G. D.
(Maine)

Answer—

Sir:

Pearlwort creeps into greens as a result of seed in the top-dressing or as a result of seeds which are washed or blown onto the green from the surrounding turf.

This weed is closely related to the chickweeds and would suggest that you mix up about three pounds of lead arsenate to a bucket of soil and scatter the mixture over the pearlwort patches. This system is very efficacious in cleaning up chickweed

and should have the same reaction on pearlwort.

B. R. LEACH.

Weeds may be controlled on the golf course by preventing weeds from seeding in land near the course, mowing before they seed, by use of chemical plant poisons for certain varieties, by maintaining soil fertility to keep good turf, and by hand weeding. Where greens contain any bad weed, such as pearlwort, spreading may be prevented partially by not throwing clippings on regular compost piles, but keeping special piles for such clippings when weed is seeding. Pearlwort must be cut out and new sod used. Chickweed may be lessened by constant fertilization with ammonium sulphate. It may also be controlled by sprinkling a little arsenate of lead mixed with compost over it and watering it in. Arsenate of lead is now being advised for crab grass control also.

Robert Mitchell has been controlling pearlwort by "painting" the pearlwort with a solution of sulphate of ammonia, three pounds in a gallon of water, and then cutting out these burned areas as time permits.—*New England Greenkeepers Newsletter*.

JACK REDMOND

GOLF'S BEST TRICK-SHOT ENTERTAINER

now booking appearances at country clubs

in

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After five years in vaudeville and one year with Earl Carroll's Vanities, Jack Redmond, internationally known trick-shot golfer, is available for appearance at your club. Entertainment includes early afternoon exhibition match, late afternoon trick-shot demonstration, early evening movies of star golfers, demonstration of "midnight" golf outdoors, using luminous golf balls. Entire show greatest golf novelty in years.

Complete advance publicity-campaign assures largest possible gallery.

Arrangements now being made for Redmond exhibitions without cost to the clubs, and on a basis that will return big profits to club treasury. Will draw hundreds; this has been proved by dozens of past club appearances.



As a feature for entertainment to members and guests, profit to the club, and increased interest in club activities, the Redmond program is a prize event on the season's calendar.

Write now to get your club included in Redmond's schedule.

NO CLUB HAS EVER LOST MONEY ON A REDMOND DAY

WRITE FOR
DETAILS TO

Jack Fulton, Jr., 236 N. Clark St., Chicago

Thanks for telling the advertiser you "saw it in GOLFDOM."

Science Must Supply Base for Turf Campaign

By WENDELL P. MILLER

THE mining engineer admits that he cannot see into the ground—and that conclusions not predicated on all pertinent facts are dangerous, so he drills holes, drives shafts and tunnels, surveys, samples, and assays. The Anaconda and Chile copper and all the lesser mines of the world are run on the basis of exact knowledge obtained in advance of decisions. The rule-of-thumb, trial-and-error, and guessing miners have been forced out of business.

Lately, those engaged in turf operations are coming to admit they, too, cannot see into the ground and safely draw conclusions from what they see on top of the ground or depend on trial-and-error, rule-of-thumb, or personal dicta based on one's own limited experience. Today the use of exact knowledge based on drillings, soil survey, sample, assay and plant survey, is the basis for turf control at many courses which are invariably in fine condition.

The necessity for this exact knowledge is obvious, for who of us are so endowed that we can see into the soil, determine the plant foods and their rate of availability, tell by looking whether the chemical condition and physical structure of soil is exactly suited to the grasses we wish to cultivate, know what applications, if any, to apply to release the locked-up potential plant foods, and determine what plant foods are needed to supplement those in the soil?

Who is so endowed that, by looking, he can determine dissimilar fundamental soil conditions when soil appearance and plant growth are similar to others he is familiar with? Who has the time and money to experiment with trial-and-error methods? Who is willing to continue taking chances until some one guesses right by rule-of-thumb?

Chance can be eliminated, guessing abolished, rules-of-thumb discarded, and all operations based on certainty of knowledge, thru the same exactness of procedure and painstaking investigation methods used in other fields of effort where certainty of outcome is essential.

Painstaking investigation through the soil and turf survey, analysis, and report, is the fundamental basis—the only definitely certain basis—for turf maintenance and development. Without the soil survey and analytical report the most experienced turf handler in the world is merely guessing.

Absolute Findings the Basis.

It is easily possible for the green-chairman and greenkeeper to predicate all of their operations upon the absolute findings developed by soil technologists. It is only thru the use of such exact knowledge that waste of effort and money can be eliminated and all operations reduced to economical certainties.

The wise green-chairman depends upon exact knowledge. The experienced greenkeeper insures his reputation thru the use of this exact knowledge, and desires that his green-chairman obtain the complete soil survey and analytical report.

Backed by the facts contained in the survey report the greenkeeper is in position to secure adequate consideration of his requests to his chairman, and the chairman, in turn, has sound backing when he places his budget before the finance committee.

The soil survey, thru field and laboratory examination, should determine the physical characteristics of the soils; and outline the mechanical methods which are suitable, and those that are not suitable, for use in conditioning and handling the soil.

Guides Watering Practice.

The report should cover the irrigation situation and the climatic conditions, indicating any deficiencies, by months, in the available rainfall, or in the quantities of water artificially available. It also should indicate the absorptive capacity of the soil, and the required rate of application for artificial watering.

The condition and efficiency of the drainage requires careful consideration. The report should specifically set forth the areas which are poorly drained, and those where drainage is wholly lacking. The re-

BTN GOLF CLUBS are custom-made

BTN Golf Clubs are custom made in every sense of the word. The typical BTN "feel" is put into the clubs by careful hand-finishing by master club makers. Regular line BTN Clubs have built into them those factors which make for better golf. Orders for clubs with special qualities are cheerfully accepted and produced, in most cases, at regular prices.

Catalog and price list on request.

BUTCHART-NICHOLLS CO.
Springdale, Conn.

"When better golf clubs are made
you will be too old to care."

TRADE



MARK

Pat. Sept. 11, 1926

Pyratone Sheath, weighing less than 1/2 ounce, is a live, flexible tubing telescoped onto a steel shaft. This sheath replaces old finishing methods of painting, enameling, oxidizing and nickel plating. Pyratone is indestructible . . . it will not crack or wear off. It is obtainable in any color or finish. "Pyratone Sheaths" are equipped on Walter Hagen clubs, Spalding clubs and others.

PYRATONE PRODUCTS CORPORATION
CHICAGO, ILLINOIS

port must indicate clearly the areas in which turf development cannot proceed satisfactorily until proper drainage is supplied, either by new work, extensions of existing drainage, or reconstruction. If maps of the drainage system are available to the examining engineer, the report ought to indicate any areas where the drainage system, though apparently adequate, is not functioning.

The soil survey and report should cover the equipment situation of the owner, guiding investment in equipment, and making positive recommendations for basic equipment requirements.

A Soil Conditioning Guide.

The soil survey and report must indicate areas which need soil conditioning, with specific recommendations as to time and methods; what plant foods are present in the soil but not available because of the lack of bacterial action needed to break down the locked-up potential foods; what foods are present, and available; the rate of availability, and what foods are lacking; and the extent in each case; also, specifically what fertilizing elements are required, to what extent, at what rate of availability, and what commercial products will most economically and satisfactorily make good the deficiencies. The report should give specific data as to fertilizers, and their time and rate of application.

Plant surveys, as part of a general survey, indicate the presence of noxious weeds and dangerous plants, and methods for their elimination. The report should show what grasses, if any, will grow to better advantage and give better results than those in use, with information as to seeding requirements; describe the types of grasses found on the putting greens, their

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