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More than five hundred greens will be planted with our
IMPROVED WASHINGTON STRAIN OF CREEPING BENT
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The nursery stock furnished for these plantings will be absolutely free from clover and weeds, it will be less than one year old and it has never had a drop of artificial watering or an ounce of fertilizer. Ask any experienced person what this means in nursery stock.

Have you ever seen a Bent Nursery—any of you whose good money is pouring by hundreds of thousands into golf courses all over the land? Officials and others entrusted with the spending of the funds, do any of you know what bent you are getting, whether it is fresh, clean, pure, worthy of your dreams and your dollars?

We want every interested person to visit our nursery, see our equipment, give us a chance to point out all the tricks and hidden griefs that can so easily attend your choice, or someone else's choice, of the bent to be used on the course you are paying for.

If you are interested in the selection of the right bent for your golf course we will gladly bring you to our nursery and take you home again. One look is all we ask—then you will know which bent to buy.

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"When there is a better strain of Bent, we will grow it"

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GOLF COURSE
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Experience—Artistry—Reliability
We Build for a Guaranteed Contract Figure

WE ARE ALSO CONTRACTING THE YEARLY MAINTENANCE OF GOLF COURSES. THIS SERVICE AT PRESENT IS LIMITED TO THE CHICAGO DISTRICT.

Evanston, Ill.
Outlines Work for Pros

It is common knowledge that in any social group there is an admixture of good and bad. A cursory examination of society in all its phases shows these two elements whether you take the family as the smallest social group or the nation as the opposite extreme.

Society is grouped in other ways, however, as witness all manner of associations formed for the conduct of business or pursuit of pleasure. In fact, any objective that must be gained is done through an association or combination of its participants. This takes on various forms. All clubs—football, baseball, golf and the multitude of other sporting organizations are formed in this way, for the organization and pursuit of health-giving exercise. In business there are various chambers of commerce and local associations. No business of national importance (and there are hundreds) is complete without its association. Many of these reach a high degree of organization undreamed of to the layman. The stock exchange is a potent example.

And why all this organization? This is best answered in the form of another question—Why all the trade unions and labor organizations during the industrial revolution? Were not these for the benefit of that part of society that formed them? To free their members from their oppressive masters and present them with a higher standard of living was the avowed object of all these movements.

Protection, then, is the watchword of all organizations—whether sporting, social, or business—protection of the good majority from the undesirable minority. Never a day passes without some individual withdrawing (sometimes voluntarily, but often by request) from his club or society. Even the mighty Stock Exchange is not immune from such conduct.

However, I venture the opinion that the P. G. A. fails to fulfill functions which might well come within its grasp and are deserving of most urgent attention.

This is no mere destructive criticism, but is prompt with a view to improving a state of affairs which seems to have drifted along unheeded. As is well known, every business of any consequence has a rating. This is given after a careful survey of many considerations entering into the conduct of the particular business. This rating, too, has a meaning. It is a signal to the world at large that “So-and-so” has a certain business standing in the circle to which he belongs. Furthermore, it is evidence that by being so admitted to this group he has earned the respect of his competitors and associates and that they are ready and willing to protect him as they may seem fit. In this way a law is introduced into business whereby “good businesses drive out bad.”

This brings me to my point. Professional golfers, besides being professors of skill, are called on to show some real business acumen. They run small businesses and in some isolated cases these take on the proportions of young department stores. It is this group which the P. G. A. endeavors to control, but how far

RALLYING THE GOOD PROS

The writer of the accompanying call for recognition of the well-qualified professionals and the weeding out of the unfit has been connected with professional golf for many years.

He asked us if we would be afraid to print his warning to the good professionals that they'd better clean house in the professional ranks or else. GOLFDOM can't see that the story's too hot to handle. It does put the establishment of standards and appraisal of fitness rather squarely up to the P. G. A., but with the reigning and vigorous national and sectional heads of this body it looks to us like the necessity of action couldn't be in better hands.

There's a clean-up due. The worthy pros have been compelled to carry the burden of the worthless and "false alarm" pros long enough.
this control extends is a matter of opinion.

The rapid growth of the game during the past few years is now history. But has the P. G. A. grown with the game? Many new pros may be recruited to the ranks each year, but I seem to know several of excellent standing both as players and business men who have relinquished their memberships. The idea that good business men should withdraw from their association is quite foreign and the very best evidence of something being amiss. These are they who ought to be protected instead of being allowed to walk boldly out, as some do. In other words, separate the sheep from the goats, shepherd the sheep, but drive out the goats.

Suggests “Pro” Rating

It is for this very reason that I offer the suggestion of rating every professional in the country exactly as businesses are rated. I can foresee opposition, but this is no more than to be expected, for all innovations are received thus. The advantages of such a rating must ultimately be manifold. Such a scheme should be undertaken by the P. G. A. working in conjunction with the clubs who employ these pros. Added to this embryo reorganization committee should be the manufacturers. It is no mean task, and if it accomplished nothing but cleaning the profession of undesirable it would have accomplished something worth while. It would raise the cream to the surface.

Were such a rating undertaken it would be at the disposal of all clubs about to engage the services of a pro. At present clubs take a leap in the dark, and too often before the season has advanced many weeks they find they have bought a “pig in a poke.” This would help to eliminate the great number of annual changes which take place in the professional ranks. The mere fact of a club having engaged five pros in as many years is in itself proof of an unhealthy state of affairs in the golf business.

The third benefit to be derived from such a scheme would be to the manufacturer. By having access to such a system he would benefit to the same extent that each club would.

I have only hinted at three benefits such a system would bring to light, but it will be obvious there are a multitude of minor matters that might arise for discussion. Why not, then, these three directly interested parties get round a table and set the ball rolling.

---

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with the

**Powers Shower Mixer**

**SAFETY** At last a mixing valve has been invented which will regulate your shower and keep the temperature of the water where you want it. No chance of getting scalded. No slipping and falling on wet tile floors while trying to escape a sudden change in the temperature of the water.

**COMFORT** No waste of time trying to get water at the right temperature. When you turn the handle of a Powers Shower Mixer to WARM, the water does not run hot one minute, and cold the next. It remains where you want it, till you change the position of the handle.

**ECONOMY** Powers Mixers save hot and cold water. They prevent steamed-up bathrooms, which loosen paint and plaster; and they reduce repair expense, because they have no valve seat washers on hot water inlet to wear out and need frequent replacement.

**FREE BOOK** Names of hundreds of users who have brought their showers up-to-date with Powers Mixers appear in our new 20-page book. It contains valuable information on showers. May we send you a copy?

**THE POWERS REGULATOR CO.**

(S499) 36 Years of Specialization in Automatic Temperature Control—Offers in 36 cities 2797 Greenview Ave., Chicago
One Way Out

Within a comparatively short space of time—roughly two years—it has come to my knowledge that some twelve or fifteen professionals have had resort to the bankruptcy court.

When one considers the number of pros in the country, also that golf has been played during a generation or more, this may seem a small number of failures. To those on the “inside,” however, that is just twelve or fifteen more than ought to be. Golf has enjoyed and still enjoys a period of prosperity. Who can say that it knows the meaning of the word depression with new clubs springing up all over the country, and existing clubs increasing their memberships?

Clubs increase not by tens and dozens but by hundreds each year, and players now are numbered in hundreds of thousands.

It is the very fact of this rapid growth that brings about the unstable condition that exists in the golf business today. All rapid growth of this type is potentially unhealthy. Business is full of cases where disaster has followed in the wake of booms. And the golf business has been enjoying a boom for at least the last 10 years in the United States.

Certainly people are attracted to the game who have no license whatsoever to designate themselves as professionals. Others, again, able and competent professionals, lack that business acumen and poise necessary to hold down their jobs. Laxity on the part of the governing body (I refer specifically to the body of golf professionals, as the governing bodies of golfers as represented by the U. S. G. A. and W. G. A. reach the acme of perfection as compared with the salaried brigade) has helped materially to bring about this state of affairs.

As in all mushroom-like growths, this golf business is no exception to the rule of excesses which they generate. Men are made rich over night who formerly scarcely knew where their next night’s sleep was to come from. Human nature being what it is, these “nouveaux riches” proceed to live as they have often dreamed they would. It is addiction to these excesses which has led to the downfall of the majority of the twelve or fifteen. The truth of this will be apparent if one studies their names and the clubs with which they were connected. Most are men of considerable ability as professionals, but lack the force of character to resist such things as the market and the pony. Other ex-

Would You Encourage Dishonesty Among Children?

Certainly Not! But aren't you unconsciously doing this when you play unmarked—and therefore salable—Golf Balls?

Put your caddies on an HONEST REWARD basis with FULLNAME MARKING.

Write for bulletin "A Lost Ball Policy"

THE FULLNAME COMPANY
Cincinnati, Ohio

Also makers of the Fulname Golf Club Marker
cesses many are wont to indulge in are too apparent for my citation. I pose as no paragon of virtue, for I confess to a little gamble, also to a refreshment. The trouble lies in suddenly getting rich and indulging in these luxuries to excess and to the detriment of one's business.

Thousands of professionals throughout these United States are engaged on nine-hole courses and some even smaller. I know many of these to walk off the course in the fall with four and five thousand dollars and more of clear profit with which to spend the few winter months that remain. Many of these are in small towns of 10,000 and less of population. Meet some of these small men (if I may so designate them) when they come "to town" and you will enjoy a royal and jolly evening.

How come, then, that some of the Big Moguls of the professional business—enjoying good salaries, large and moneyed memberships, and lots of play on the courses—must resort to the bankruptcy courts.

There is only one answer: They have drifted from excess to excess. One thing went wrong and they made a mighty plunge in an effort to extricate themselves, only to fall more miserably. From bad they went to worse, sinking deeper and deeper into the mire.

The Professional's Status

Now, this man—the professional—has a position of dignity on which to stand. He is one of two or three or four hundred of the elite of the community. He may even be the only one in the town of twenty to forty thousand and occupies a position analogous to the mayor. Everyone knows him and yet cases are extant of his having humiliated himself even to the extent of having had to change his name. This he has done in order to receive credit from his dealers in order to supply his clientele with the requisites of golf. Hopping from town to town, state to state and even coast to coast has been thought easy, but organized society being what it is keeps hounding him until he at last comes to the bankruptcy court.

This last course may be taken voluntarily, though I have the suspicion it is more often legal advice of a somewhat questionable repute. These failures may have been given this as their "one way out," and one which would cost them a
almost overnight!

BROWN-PATCH, the bane of all greenskeepers, and the stumbling block to many a par score, need no longer be accepted as a necessary evil.

NOW, you can cure Brown-Patch almost as quickly as it sets in. You can even prevent its appearance throughout the entire season.

THE SECRET is USPULUN NU-GREEN. Never before has there been an effective and reliable Brown-Patch remedy. It will positively cure this dreaded disease in from three to five days—or prevent its appearance in the most humid weather.

NO DANGER of burning the grass. No application of fertilizer needed after using USPULUN NU-GREEN. Leading golf clubs are enthusiastic over this new treatment.

YOU, TOO, will be amazed at the results—and proud of the appearance and perfect condition of your greens—if you treat them with USPULUN NU-GREEN.

At leading Golf Supply Houses or THE BAYER COMPANY, INC., Agricultural Dept., 117 Hudson St., NEW YORK CITY
Realizing the progress being made by this body, the greenkeepers in other sections of the Metropolitan district became interested and decided the movement should broaden. As a result a Long Island Greenkeepers' association and a New Jersey Greenkeepers' association have now been formed and also a Metropolitan Greenkeepers' association, governed by officials chosen from each of the three sectional associations; the idea of this Metropolitan Greenkeepers' association being for the combined expression and unity of ideas.

In addition to the Metropolitan associations just mentioned, there are in the East, the Greenkeepers' Association of New England and the Greenkeepers' Association of Philadelphia, all of them, I believe, striving for the same ultimate principles— not alone the proper recognition of their profession, but to constantly improve the efficiency of golf course maintenance and construction, leading to economical club management and the kind of protection and fair competition which all honest dealers in seed, fertilizer, equipment and other golf course supplies desire.

Much has been written during the past two years about reducing the cost of golf and many theories advanced to bring this about, such as co-operative purchasing bureaus, etc., but in my opinion the formation of greenkeepers' associations throughout the country, providing they are directed in a sane and level-headed manner, should prove the really practical plan.

"ELECTRIC" Worm Eradicator

"ELECTRIC" Worm Eradicator is recognized as the finest material for getting rid of worms in putting greens. It brings up the worms by the thousands, and is at the same time beneficial to the greens. Substitutes on the other hand are dangerous to use, and furthermore, only half do the job.

"ELECTRIC" Worm Eradicator also acts as a preventive against Brown Patch and other diseases of the turf.

Each gallon of "ELECTRIC" Worm Eradicator can be diluted with 250 gallons of water, and covers 3,000 sq. ft. The average green requires about two gallons.

The price of "ELECTRIC" Worm Eradicator is $3.00 per gallon, and shipment is made in 5, 10, 15 and 50 gallon containers. We supply free of charge a measure and glass jugs for carrying the eradicator from the stockroom to the various greens.

The 50-gallon Sprinkling Cart shown above, applies the liquid rapidly and evenly over the greens so that best results are assured. We supply the carts at cost price of $35.00, with orders for 10 or more gallons of "ELECTRIC" Worm Eradicator.

We are always pleased to make shipment on approval

READE MFG. CO. (ESTABLISHED 1883)
JERSEY CITY, N. J.
1. Material excavated from ditch was placed on corrugated iron sheets to keep turf clean.
2. Placing a 700-foot line of Armco perforated pipe through the affected area
3. Yokes were placed at frequent intervals to provide for placing laterals as needed.

Eliminating a Wet Fairway as a Play Hindrance

By ELTON MARINE
Greenkeeper, Verity Park Golf Club, Middletown, Ohio

The course of the Verity Park Golf club at Middletown, Ohio, is an example of a piece of land, previously useless, made available in itself and to surrounding property by well planned improvements. The course is on a strip of ground once periodically inundated by the Miami river adjoining, but now protected by a levee of the Miami Conservancy district. Thus insured, the property has been built up over a period of ten years until it is now a garden spot enhanced by an attractive clubhouse and other buildings, and by a turf which represents constant care throughout this period.

However, one problem until recently continued to remain unsolved. That problem was subdrainage. Because of the proximity of the river, ground water rises during wet seasons, and longer time than normal is required after rains for the low spots to pass from the puddle or spongy

HUNDREDS OF GOLF CLUBS, large and small, now use the Peerless Lawnmower Sharpener.

The Peerless Lawnmower Sharpener is the only machine that sharpens all makes of Power, Horse and Hand Mowers scientifically—quickly—perfectly—does the work as nothing else can. Operated by 1/3 H. P. Motor—attach it to your lamp socket. Special Grinding Wheel for sickles, scythes, etc. Skate sharpening attachment included. Will save its cost the first season. Write for catalog and list of users.

THE FATE-ROOT-HEATH CO., 338 Bell St., Plymouth, Ohio

THE GOLF KING SPRINKLERS
Standard Golf Course Equipment
SHIMMY SLOW MOTION CONTROL

GOLF KING No. 3
(Gearless) 1927 Model

This is the last word in golf course sprinklers. Guaranteed by the LARGEST AND OLDEST EXCLUSIVE SPRINKLER FACTORY. The pioneers in golf course irrigation, slow motion sprinklers and originators of the HOSELESS SYSTEM of Golf Course watering. We can cut your irrigating cost 50%.

GOLF KING No. 3 will cover greater area more uniformly on the same pressure than any other sprinkler ever made. Nothing to wear out or get out of order. Write for literature. Representative wanted in each district.

BUCKNER MANUFACTURING CO.
Fresno, California
stage to the dry stage suitable to playing.

One end of the course in particular gave trouble. This was due partly to the fact that the fairway is across a flat, low area and partly because it is at the foot of a rise from which comes both surface water and spring seepage.

Strangely enough, the matter of draining this wet area was brought to a head, not because of complaints from members, but because the turf never got quite dry enough to keep it from being rutted by the mower tractor. It seems that while many members were wont to venture over this course when it was still too wet for either its good or their comfort, few thought to report the matter other than by complaints among themselves.

Not until the turf began to get in such a condition that it could not revive between wet spells, and extra expenses for upkeep began to mount up, did the management seriously consider the matter of subdrainage.

Drainage Plan

The scheme finally adopted for the season of 1926 was to install subdrainage consisting of 8-inch Armco corrugated iron pipe with perforation in the upper half to collect ground water. A line 700 feet long was laid across the middle of the area to be drained, leading from a catchbasin at its upper end to a city storm sewer manhole at the lower end. Possible future extensions of the drainage system were provided for by a number of intermediate catchbasins and wyes.

The pipe was supplied in 12-foot lengths with wye connections welded on and was provided with hook bolts for making field connections. The sod was neatly cut and rolled up in strips 18 inches wide. The trench was then dug to a depth of approximately two feet, the catchbasins placed, and the pipe laid and connected. Backfilling was made and the trench thoroughly watered, and after settling the trench for a few days, the sod was replaced.

The benefits of this line were immediately apparent, but the need for a parallel line was soon seen. An additional line, 200 feet long and approximately 40 feet away, was laid with a diagonal connection leading to a catchbasin on the main line. (Continued on Page 40)

Which of this seasonable equipment do you need Quick?

FLAGS--FLAG POLES
TEE STANDS--TEE MARKERS
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DUMP CARS
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POWER!
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CENTAUR TRACTOR

For every job, on any course—nine or eighteen holes—for mowing fairways, cutting rough, hauling, plowing—any job that requires power, the Centaur is the ideal power unit. Its powerful motor negotiates the hardest tasks, yet this tractor costs but a few cents an hour to operate! Light weight, flexible, works closely around bunkers, etc. Uses 3-unit mowers—ANY MAKE—attached in a few moments.

Write for illustrated literature.
The CENTRAL TRACTOR COMPANY
200 Central Ave. Greenwich, O.
1. Backfill settled and ready for sodding over. Corrugated iron sheets were placed over intermediate catchbasins to carry sod.
2. View of completed installation, taken just after replacing the sod.
3. Verity Park is an example of what can be done with reclaimed waste land.

The end catchbasins were provided with circular iron gratings, and all intermediate catchbasins covered with sheets of corrugated metal and overlaid with sod. The casual observer today will never know a drainage line is there, as the turf over the trench has now grown together.

To keep the trench material from working into the turf during the installation of the pipe, corrugated iron sheets were laid along the ditch and all excavated earth piled on them. Because of this precaution, the grass was in perfect condition when the sod was replaced over excavating, placing the pipe and catchbasins, backfilling, sodding over and dressing up, was about 39 cents a linear foot of drain.

The success of the installation from the standpoint of the golfer was proved conclusively recently when a succession of heavy downpours occurred. An excursion over the course the following morning showed that, while elsewhere pools of water were still standing in depressions and a general condition of sponginess prevailed, the area drained by the corrugated pipe was practically solid underfoot, and after a few hours of sunshine would be ready for either player or tractor to negotiate without damage to the turf.

Recent observations it is apparent that adequate investment will pay for increased value of the course and in lessened cost of keeping way in proper condition. Its success, it may

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Leading golf architects and players throughout the world pronounce this volume a classic that is bound to have a strong influence in bettering the character of golf course design.

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