March, 1932

The National Greenkeeper

Replace Old Washers

Now is a good time to replace your old 1925 and 1926 washers with 1932 models having all the new improvements.

Watertown Wisc.

New Bag Rack
Price, $5.50
Made of galvanized-iron pipe stand, which anchors firmly in concrete. Aluminum casting at top to hold six bags.

Lewis Tee Data Plate
Price, $1.50
Provides hole number, yardage and par. Made of non-rusting materials.

Prices of Lewis Equipment

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
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<tr>
<td>1 to 10 Washers</td>
<td>$7.50 each</td>
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<td>11 or more Washers</td>
<td>1.00 each</td>
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<tr>
<td>Bag Rack</td>
<td>1.25 each</td>
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<td>Lewis Tee Stakes</td>
<td>1.25 each</td>
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<td>Waste Container</td>
<td>1.25 each</td>
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<td>Tee Data Plate</td>
<td>1.25 each</td>
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<td>Towel with Grommet</td>
<td>.55 each</td>
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<td>Towel Ring</td>
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<td>Price F. O. B. shipping point</td>
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Get in touch with your equipment dealer

G. B. Lewis Co.
Dept. NG 332 WATERTOWN WIS.

LEWIS GOLF BALL WASHER

Leading Clubs
Prefer the LEWIS WASHER

It's almost like magic. In goes a dirty, grass-stained ball; out comes the same ball clean and gleaming like new.

Modernize and give prestige to your course by having the complete Lewis Tee Ensemble, of which the Lewis Washer is a part, at every tee. It pays to provide players with the Lewis Tee Ensemble and Bag Rack, without which essential items the game cannot be a pleasure or a success. Lewis Tee equipment is practical, durable, convenient, inexpensive to buy and maintain.

Mid-West Notes

By C. E. Tregillus, Secretary

The Midwesterners started the heavy thinking for 1932 at the first meeting on February 4. A review of the ills of 1931 developed into a healthy discussion. O. J. Noer, who sees more courses in a year than any other citizen, made a valuable contribution with his observations on turf behavior during the past season. If we keep our memory clear and carry the picture of all the grief that befell us and our fellow craftsmen, we should by analysis and deduction, be equal to all the mischief on the calendar.

There has been considerable uneasiness over snow mold owing to the open weather that prevailed through December and January. Turf growth has been intermittent during a season when it is normally dormant and consequently the tissue is in a succulent condition and less resistant to the inroads of disease. This is a year when late fall applications of fertilizer may cause trouble by forcing out-of-season growth activity.

It looks as if this year will develop many super-greenkeepers. A super-greenkeeper in this case means a man who maintains his course on the 1929 standard of excellence with a 1932 budget.
Well, fellow greenkeepers, another year has passed and the long awaited Convention and Show held at New York is over. As you all know, we hold these conventions in order to promote a closer relationship, to collect new ideas, and discover remedies for the ailments that have occurred on golf courses during the past season.

Oftentimes, the new practical knowledge we acquire, helps considerably during some of the trying experiences of the summer. In this one short week out of the entire year, most of us join business and pleasure in preparation for the coming season’s grilling tests.

This year, first of all, earnest attention was turned to the educational programs (as the attendance records proved) and from the reports of many, a great deal of useful information was gathered from the excellent speeches, heard each day. The speakers themselves I know have been thanked more, by the greenkeepers’ attitude and response to their presentation of facts than any expression of appreciation we could personally make, and ours is entirely one of enthusiasm and praise.

Now from the letters of commendation that are coming in from exhibitors, the show from their standpoint was a success, and we hope it will prove profitable to all of them. Here again the greenkeepers cooperated by showing their interest in the exhibits and learning the particular merits of the products. As a result, when the golf season starts they will have a clear idea of their needs and where to buy what they need for the coming season.

As to everyone’s entertainment, I can vouch that those attending the banquet spent an enjoyable evening, also did all those who were at the stag party on Friday night. There is one thing, however, if any of you members who were unable to be in New York from January 19-22, want to get an inside story on the results of both convention and show and also of the good times, get one of your members in the district who did go, to give you an account of it and I am sure that it will start you planning now, in hopes of going to Chicago next year, where we expect through the usual splendid cooperation of all the members to have a show and convention that will be satisfactory to all.

In order to do this, we want you to send in any adverse or constructive criticism of this year’s convention that you may have in mind. As a member we want everyone to take an active part in the Association either by way of suggestion, getting new members, or by writing articles of one’s experiences and thus give out practical knowledge to aid fellow members. If all members take an active part in the work, and especially in its promotion, the organization can expand by leaps and bounds.
Pacific Coast Gossip

By ARTHUR LANGTON

GREENKEEPERS of Southern California held their annual meeting and election of directors at the Oakmont Country Club, Glendale, on Monday, February 8. The services rendered by the old board through the particularly trying year of 1931 resulted in every member being elected to serve another term. The 1932 board, therefore, again consists of C. W. Hazlett of Bel-Air, L. N. Boynton of Hacienda, L. T. Parker of Pasadena, Earl Randleman of the Los Angeles Western Avenue course, Gomer Simms of Palos Verdes, John Wilson of Rio Hondo, and W. E. Langton of San Gabriel.

W. W. Stewart of the Los Angeles Hillcrest club was appointed to take charge of the arrangements for the second annual turf equipment exhibit which will be held during April at the Bel-Air Country club. Greenkeeper Stewart is the first of his calling in this area to become air-wave minded inasmuch as during the Los Angeles Open which was played on his course, he was grabbed by some zealous announcer to tell the listening world about how his greens and fairways got that way.

The exhibit of which Bill will have charge will see manufacturers and their representatives on hand to demonstrate their wares to greenkeepers and course officials congregated from a radius of hundreds of miles. Because it is practically impossible for California superintendents to leave their courses at the time of the National convention, the local display has been established as a partial substitute.

The affair lasts only one day; there are no buildings, programs, speeches, or entrance fees. Instead, the exhibition is held out in the open under actual working conditions; exhibitors take orders; old acquaintances are renewed; a free lunch is served; and everyone has a good time at practically no expense.

According to the advertisements, the Pacific Coast can provide the tourist with everything and Southern California has everything that the coast can provide. During the last few weeks the Pacific Southwest has been doing its best to imitate Oregon and Washington with considerable success, much to the disgust of visitors who crave their daily ration of golf.

But while coastline courses have been drenched, those in the mountains such as at Arrowhead and Big Bear Lakes, are hidden under a heavy blanket of snow. As a matter of fact the Big Bear Valley has been absolutely isolated, the last telephone line having given up the ghost to the storms. The desert courses also have had their troubles owing to wind make it difficult to play on the sand layouts.

A good example of a man extensively occupied is Cecil Hollingsworth of Los Angeles. Primarily he is proprietor, greenkeeper, manager, and what not of the 18-hole Bellevue golf course. Next he is assistant football coach and instructor in physical education at the University of California at Los Angeles. Finally he has just taken upon his husky shoulders the task of running a pitch-and-putt golf course.

Since the golf course, the university, and the miniature layout are separated by miles and miles of territory much of Cecil's time is spent in burning up the roads in a car loaded down with books, football equipment, mowers, tools, and seeds. His Bellevue course has two sand greens, but he is considering turning it all into grass in the near future.

The King's County Country Club of Hanford, California, has recently announced George M. Leith as its new greenkeeper.

Word has come from the University of California that the thallium in thallium sulfate used to poison grains in rodent control will kill plants with which it comes in contact. It behooves greensmen, therefore, to use care in the application of the poison because of probable injury to the grass. Vegetation will not grow in soil until the thallium has been leached out.

Tests Show Superiority of AMMO-PHOS for Golf Greens

Further tests for golf courses conducted in widely-scattered areas and reported by John Monteith, Jr., and Kenneth Welton in the June, 1931, Bulletin of the United States Golf Association Section, confirm earlier experimental evidence proving the superiority of ammonium phosphate and ammonium-phosphate mixtures.

The two complete mixtures, which headed the list in both 1929 and 1930 were made by mixing sulphate of ammonia, ammonium phosphate, superphosphate, muriate of potash and sand. The report stated that the 12-6-4 was used in preference to 6-3-2 "merely because the modern trend of fertilizer formulas is in favor of the more-concentrated mixtures."

Commmercial ammonium phosphate is sold under the trade name of Ammophos which is made in two analyses, 11-46-0 and 16-20-0. It is the 16-20-0 grade that is used for fertilizing grass.

For further information, write American Cyanamid Company 535 Fifth Avenue, New York, N.Y.
Canadian News
By J. H. EVANS, Golf Editor
Toronto Globe

ADDRESSING his associates during their February meeting in Toronto, President W. J. Sansom, of the Ontario Greenkeepers' association highly commended the efforts of officials of the National Greenkeepers' association who were responsible for the success of the recent convention of the National association, which was held in Hotel Pennsylvania, New York city. More than thirty course superintendents and greenkeepers attended the monthly meeting of the Ontario association.

Mr. Sansom stated that in spite of conditions which might be expected to detract to some extent from the proportions of the convention and the extent and scope of the show, the convention and the show were beyond expectations. Fred Burkardt, chairman of the show committee, was commended for the wonderful display of equipment and the arrangements made for the comfort of visiting delegates.

"Col. John Morley, our very excellent president, must be congratulated on the selection of speakers," said Mr. Sansom. "The educational program was interesting and instructive. The conference was well attended by visitors. Every little detail was thought of and as a consequence the maximum of benefit was secured from the addresses which comprised the well-balanced program arranged by Mr. Morley with greenkeepers and college professors as speakers.

Robert Hayes and John Anderson must be complimented for the splendid banquet and entertainment which they arranged.

It is with considerable regret that I comment on the absence of Canadians. However, before another convention is held all Canadian members may be able to derive the benefits which come from attending the annual convention."

After touching on the convention, Mr. Sansom dealt with turf scalds, a condition observed to a great extent last year which still interests greenkeepers in Canada. He regarded the subject as important. He pointed out that it must not be confused with brown patch which was a turf disease caused by a specific growth which penetrates and kills the leaf of grasses.

"Because we see brown spots on putting surface is no reason why we should jump to the conclusion that we have brown patch," he said. "I have observed that scald usually appears in irregular outline of discolored patches, worst in the centre of the patch and less severe toward the outer edges. At the first, the grass has a purplish or bluish tinge with the leaf rolled and shrivelled as though suffering from the lack of water. It develops rapidly, the grass turning brown, quite often leaving the ground bare.

"The scald always commences with excessive heat and continues until there is a spell of cold weather before it can be checked," he continued. "We are all fully aware of the prolonged excessive heat and humidity of the past summer with the consequences. The use of fungicide seems to be of very little use in checking or controlling scald. My conclusion is that scald comes from the excessive use of fertilizer, organic and inorganic. Unfavorable weather conditions have a bearing in the treatment of scald.

"For instance when the plant does not respond to the fertilizer on account of conditions, it may be due to the fact that the fertilizer when applied in the spring decomposes very slowly and is not immediately assimilated by the plant. A hot, humid spell may follow, broken by a thunderstorm, or courses may be heavily watered. The process of decomposition goes on so rapidly that too much nitrogen is provided for the plant to assimilate with the result that the grass becomes soft and succulent, easily injured during unfavorable weather."

Mr. Sansom urged his colleagues to avoid the use of highly concentrated fertilizer during the summer.
months. Grass, he stated, should not be fed unless there was definite need for it and especially if the purpose of the feeding was to produce and develop rich color. It did seem that the turf was more healthy when it did not have the bright green color brought about by excessive nitrogen.

"I think we will all agree that grasses are more or less dormant in the months of July and August," he said. "If this is so, I think we will also agree that Nature should not be interfered with too much. If the plant does not respond to a normal application, the chance is that it will never do so. We should be careful and limit the use of a highly soluble fertilizer, since I believe that by adding an additional amount we arecourting disaster.

"By this I do not mean that fertilizer in itself is harmful. It is rather the excessive use which creates the damage. How often do we hear that a club with very little to spend gets by without the worries of scald, brown patch or disease by keeping the soil in a proper chemical condition and by not allowing fertilizer to accumulate in the soil."

Mr. Sansom said that the use of a little lime either in the spring or fall would prove beneficial in reducing and overcoming scald. He thought that 20-pounds of hydrated lime per thousand square feet would break down the fertilizer and put the soil in good physical condition. He felt that excessive watering should be avoided and if bad drainage was responsible for scalds, it could be adjusted easily by installing proper drainage.

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**Philadelphia News**

By M. E. Farnham, Secretary, P. A. G. C. S.

The annual meeting of the Philadelphia Association of Golf Course Superintendents, took place on, January 11, 1932, at Seeley's Restaurant, 4748 North Broad Street. Election of officers illustrates the fact that a willing horse is likely to be worked to death. All officers were re-elected. They are as follows:


Treasurer, R. C. Lane, Bala Golf Club, Bala, Pa.


On February 8th the second meeting of the year was held at the same place. The attendance at New York, while not all that was hoped for, was very satisfactory. A good as well as profitable time was reported by all. In fact good reports were so universal that a request for
constructive criticisms brought nothing to light which was not already a matter of record.

Reports from the few Chairmen or Club officials who attended the Show or any of the Conference meetings were very satisfactory, and those individuals, at least, are 100% sold on the capabilities of greenkeepers as a whole. From that standpoint alone the N. Y. meetings were a success as, of course, that is the only reason that attendance of Chairmen is desired.

Involuntary changes in the position of greenkeeper hereabouts have been relatively few. It is a point worthy of note that most of the changes of that type have involved individuals not members of this Association.

Possible steps to obtain more nearly 100% representation of this membership in the National Association were discussed. The question was discussed as to whether the time is not coming when there should be an advantage in closer contact between the National and local associations.

New Jersey Notes
By JOHN ANDERSON, President,
Greenkeepers' Association of New Jersey

The New Jersey Greenkeepers’ Association held their regular monthly meeting at the Newark Athletic Club on Monday, February 1, 1932.

After the ordinary details of the business meeting were settled, it was decided that we would hold our May meeting at Hopewell Valley Golf Club, Hopewell, New Jersey. Mr. H. Boyce is the greenkeeper and his is a beautiful lay-out near Trenton. He has promised the boys an interesting afternoon, playing golf and looking his course over. Hopewell is noted for its fine bent stolen greens.

After our May meeting we hope to continue outdoor meetings each month all summer.

A spirited discussion was engaged in on the merits of the Short Course in turf management which opens at New Jersey Experimental Station at New Brunswick, February 22. It is very encouraging to know that clubs in general and Green chairmen in particular are asking, and in many cases, paying, the greenkeepers’ expenses to this short course, which, this season, includes an advanced course on drainage engineering and golf course and estate machinery.

A larger attendance than usual was recorded due to the fact that many of the boys were eager to compare notes and exchange experiences from the Convention and Golf show of the N. A. G. A. It was the consensus of opinion that the New York Convention was a huge success and there is no doubt that many of our greenkeepers are feeling much more optimistic after hearing those addresses and seeing all the new equipment; and above all, meeting those fellows from out west and down south.

It lifts a great load from one’s mind to know that these men are striving for something the same as we are. It makes you feel good to shake their hands and exchange ideas and more than likely you gain some new ones.

The greatest thought of all, however, is that we are one huge family reunited after a year’s absence, and we part again with renewed vigor and determination to face whatever may be in store for us—looking forward to the time when we shall meet again.
Tri-State Gossip

By JOHN QUAILL, Secretary-Treasurer

Tri-State gossip seemed to drop out of the news for a few months but that did not mean we had dropped out of the picture altogether. The writer was busy with news and arrangements for the N. A. G. A. Annual Convention so he let the local news slide by.

Since the last published events of the Tri-State Golf Course Superintendents' Association, much has taken place. The annual election saw some new faces in the ranks of the officers. Not that the old officers were not efficient, but that they felt someone else should have a chance to put some new ideas into effect.

John Pressler of Allegheny Country Club, who has been president of the organization since 1926, wished to step out as he felt his recent injuries incapacitated him and he could not give the time he would like to give to the association. Accordingly, by unanimous vote he was elected president-emeritus of the association in honor and appreciation of his services. William H. Key of Longvue Club was elected president, Robert M. Smith of Westmoreland Country Club was elected first vice president, Dave Bell of St. Clair Country Club was elected second vice president, and John Quaill of Highland was re-elected secretary-treasurer for the fourth term.

The Tri-State boys take quite an active interest in the experimental work at Pennsylvania State College. Nearly all will be present at the conference to be held there the latter part of February. The Tri-State association donated a roller to the Experimental station for use on the plots. Until direct financial aid can be secured from the state, the Philadelphia greenkeepers and the Pittsburgh greenkeepers are doing all in their power to keep the experimental work going and so far have been very successful in their efforts. Philadelphia recently sent up some mowers and other needed equipment.

Robert Smith of Westmoreland Club is taking a little vacation. Accompanied by his family, he is making a trip to his native Scotland. Bob will return about March first and again take up his duties at the beautiful course which he has brought into prominence.

Pittsburgh had a good turnout at the National Convention. There were fifteen boys from this district in attendance. Jimmy McElroy killed two birds with one stone. While in New York, he snitched a few extra days to run up into Connecticut to visit relatives and old friends. Jimmy hails from the Pittsburgh Country Club.

Returning home from the convention, the Minneapoli-s delegation stopped off in Pittsburgh for a day. The party consisted of Charles Erickson, that grand old man of Minneapolis golf courses; Leo Feser, the newly-elected director of the N. A. G. A.; Leonard Bloomquist and Emil Picha. They were met at the station and taken to Stanton Heights Golf Club, where Freddy Jacob started them off on the right foot with a nice hot breakfast. From there they went to Oakmont to look over that famous course and were again taken to St. Clair, where Dave Bell showed them what we do with Western Pennsylvania hills when we want a golf course. After a hearty meal at Dave’s house, the regular session of the Tri-State was called to order. This “500” game has been in force for several years and it is usually finished up at the convention but an extra session was called. Pittsburgh came out on top with a two to one score and Charley Erickson swears that when he gets us in Chicago he will trim the ears off the local boys.

All too soon the time for departure came and after the usual good-byes they were on their way homeward,
but we hope that at some future time they will return and be able to spend more time with us.

Pittsburgh will be minus the services of Miss Lois Miller, the congenial secretary of the Service Bureau and the Pennsylvania Golf Association. The greenkeepers will miss her as she always kept in close touch with them. In addition to her work at the Service Bureau, she assisted with the work of the secretary of the N. A. G. A. when the offices were in Pittsburgh. Miss Miller is to take a position with the Green Section in Washington under Dr. John Monteith. What is Pittsburgh's loss is the Green Section's gain and we all wish her success and happiness in her new position.

The Tri-State Association has suggested that they take over the files of the Service Bureau for information and keep them up to date. This will give the greenkeepers a source of information to help in their purchases at the same time be saving the clubs some money.

Plans are being made to secure speakers at the monthly meetings of the greenkeepers. It is the hope that we can secure the services of some of the well-known experts to talk to us and help in our problems. A complete program will be announced soon.

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**START EARLY**

Most parts of the country are experiencing a freak winter. There is very little frost in the ground. If your golf course is in such territory, now is a splendid time to begin the installation of an irrigation system that will save your fairways and greens from the scorching sun and rainless days of midsummer. Look the field over and you'll find no irrigation plant to compare with the Modern BUCKNER One-Man Sprinkler System.

It quickly saves its own cost through elimination of extra labor. It improves the course because it scientifically and efficiently does the work it is installed to do. There are more Buckner Sprinklers and valves in service on American golf courses than any other make. There's a real reason for their popularity. Let us give you the complete facts. Write for catalog. No obligation.

**BUCKNER MANUFACTURING COMPANY**

Fresno, California

Factory Representatives

P. L. Ballock, 2240 Castilla St., Pasadena
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**Trial Offer Seaside Bent**

The Seaside Bent Company believes that it would be greatly to the benefit of greenkeepers and golf club officials to write them about a trial offer of Seaside Bent seed, which will cost them nothing, if an order is placed with the company later at regular established prices.

The company believes further that Seaside Bent is superior to every other seeded bent and equal or better than any strain of stolons; besides the cost is very much less.

Those interested may without obligation write to the Seaside Bent Company for details at any one of the following addresses: 1103 Post St., Seattle, Wash.; 420 Main St., Cincinnati, Ohio; 115 Broad St., New York City.

**Golf News**

**NAPOLEON, N. DAK.**

Stephen A. Meier was elected President and G. S. Benshoof was elected Secretary-Treasurer of the Napoleon Golf Club at the meeting of golf enthusiasts held last Monday evening. Same course, two miles east of town, will be retained and extensive improvements made before spring.

**CAMBRIDGE, MASS.**

Mayor Russell has introduced in the Legislature a bill authorizing the operation of a municipal golf course on the Fresh Pond Reservation, which has been approved by the Water Board and State Department of Public Health, according to plans submitted by Mr. W. I. Johnson, Jr.
Beautify Your Home Grounds
AT SMALL COST
WITH
BROAD LEAF AND CONIFEROUS
EVERGREENS

Rhododendron
Maximum Mountain Laurel
Hemlock
and Red Cedars

We are headquarters for the best at low, wholesale prices.
Write today for our price list now booking spring orders.

Blue Ridge Evergreen Supply Co.
DOEVILLE, TENNESSEE

Attention Greenkeepers

YOU
may have genuine

Coos County
SEASIDE
BENT

WRITE NOW FOR
Unprecedented trial offer to first 100 clubs answering this advertisement.

Seaside Bent Co.
SEATTLE, WASHINGTON
1103 Post Street

Did You Get Yours?
The descriptive literature of the 1932 National Fairway mower, heavy-duty type, with the latest improvements.

Outstandingly Favorable Comment
was accorded this mower at the Greenkeepers' Show in New York in January for its sturdy, rugged construction and guaranteed quality which "made a hit" with the most critical.
The 1932 model costs us more to build, but we've lowered the prices.

Send for the Catalog
National Mower Co.
839 Cromwell Ave. Saint Paul, Minn.
Cleveland News

By WALTER E. KNOWLES, Secretary

At one of our recent meetings George Penglase, a member of our local association gave those present a very interesting description of his experiences in Japan.

Mr. Penglase had just returned to America after having spent a year on the construction of a golf course for the Tokio Golf Club, of which the Emperor was a member.

George's presence in Japan was apparently appreciated, for the Japanese, as a way of celebration, produced an earthquake on his first night in their country.

At our enthusiastic meeting on February 8, the recent National Convention and Conference meetings were discussed by the Cleveland District boys who were present. Many helpful thoughts were brought to light on the same, as well as on some of the troubles experienced during the past season.

Moving pictures of effects of certain fertilizers and a prominent speaker are in store for the boys at the March meeting.

This century-long test insures finer turf

The fact that Dreer's "Golf Links" and "Putting Green" grass seed mixtures are tested for purity and germination is important only because the Dreer organization itself has passed a century-long test for integrity and dependability.

"Golf Links" mixture was specifically developed to produce a turf that will withstand the hardest fairway usage. " Putting Green" mixture includes only fine-bladed, low-growing, hardy varieties which maintain their rich, green color throughout the season. Other mixtures for athletic grounds, parks and private lawns. Write Dept. T-4 for descriptive literature and prices.

HENRY A. DREER, 1306 Spring Garden Street, Philadelphia, Pa.

Golf News

VIENNA, GA.

Plans for establishment of a nine-hole golf course and formation of local Golf Club, to be known as the Vienna Golf Club, are being perfected by a group of local golfers. Leading members, in charter, are J. A. Jenkins, H. O. Charlton, G. B. Greene, G. B. White, Horace Kirkland and L. L. Woodward.