

TOMMY COX, greenkeeper at Sim Park, Wichita's municipal golf links is busy constructing new grass tees. They are being built large and roomy with plenty of space for changing tee markers often and are constructed so as to give the golfers a full view of the fairway. And new work has taken much of Chas. Lyon's time at the Hutchinson Country Club of Hutchinson, Kansas. Mr. Lyon has kept his course in wonderful condition and has even made some necessary improvements that seemed impossible last spring because of a drastic cut in the budget.

* * *

OKLAHOMA

ON NOVEMBER 30th, 1932, the mayor of the city of Tulsa, Oklahoma, and the park commissioners requested that greenkeepers and professionals of the district meet at the town hall for a discussion of the proposed methods of construction and maintenance of the Mohawk Park thirty-six-hole municipal golf course.

At the meeting it was revealed that the park board had been told almost everything under the sun in regard to the building and maintenance of bent grass greens. They had been informed that it was not at all necessary to have greens tiled and that the idea of underground drainage was merely a plan to fleece the city for several thousand dollars.

The park board was undecided and puzzled; they were determined that every penny of the funds given them by the Reconstruction Finance Corp. be used to a good advantage. Although they had conferred with several architects, they had come to no conclusive idea as to just what had to be done.

* * *

If this park board follows in the footsteps of other cities they will probably spend a huge sum of money foolishly before they learn that advice from those who have had no experience with the operation of golf courses is costly. The cost of construction will probably far exceed the original estimate, and upkeep the first few years following will run the course into the red as is usually the rule if a group of men planning the construction of a golf course do not follow proven methods of maintenance.

PARK BOARD MEMBERS SHOULD ATTEND CONVENTION

ALTHOUGH the convention of the National Association of Greenkeepers of America which will be held at the Hotel Sherman in Chicago in February is primarily

Was Wilst Du Haben?

Bubbles for troubles at so much a glass. NEIN.

SPREAD

CLEVE-BRAND CHARCOAL

on Putting Green grass. Summer soon comes—players all blabben' bist du das grassmann—was wilst du haben?

Cleveland Charcoal Supply Co.

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for the greenkeepers and golf course superintendents of the United States and Canada it would be a good idea to suggest to members of the Park Board of the city of Tulsa, Oklahoma, and others interested in the promotion of golf courses that they attend the convention.

At that meeting they will become acquainted with some of the worlds foremost golf course superintendents who have made a lifetime study of course maintenance. And on the speakers' program are America's most noted soil and turf experts and their knowledge of grasses is not based on books nor heresy, but on years of actual experience.

These speakers will tell how to develop fine greens and fairways. They will tell of recent technical developments in turf maintenance, and all about soils, their composition and fertility. The most important subject, however, on the program will be *budgeting*. This talk will be especially interesting to those who realize the necessity to economize on golf courses at the present time.

* * *

Golf course machinery including many new labor-saving devices will be exhibited at the National Convention and it will afford an excellent opportunity for club officials and greensmen to select modern up-to-date equipment for the golf course for the coming year. There are several new pieces of equipment ready for inspection as well as fertilizers and many other supplies that will interest the present-day greenkeeper.

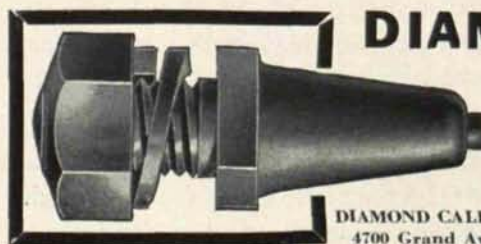
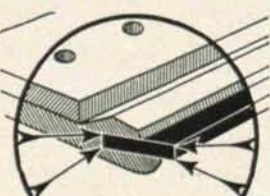
Practically all leading manufacturers of golf course equipment and supplies are exhibiting this year and the Convention show room will be a lively and colorful scene. It will be like a large general store devoted to golf equipment which has been erected over night.

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All you need to make your Budd Bed Blades as good as new are the separate blades (indicated by the arrows). Mail your order now with the shipping date indicated. The blades will be there when you want them.

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New Jersey Notes

By JOHN ANDERSON, *President*

Greenkeepers' Association of New Jersey



JOHN ANDERSON

THE New Jersey greenkeepers held their annual meeting and banquet in the Newark Athletic Club, Monday, December 5, 1932. Twenty-five greenkeepers, their wives and daughters, along with ten greenkeeper guests from Long Island, attended the banquet.

Dancing was engaged in until the clock struck twelve, and during the evening songs were rendered by Mrs. Cameron, wife of John Cameron, the genial greenkeeper at Yountaka, Victor Eaton, greenkeeper-manager at Trenton Country Club, songs and dancing by C. Steele, greenkeeper at Raritan Arsenal, dances by Wm. Riley, Rock Spring Country, who also acted as master of ceremonies.

Among the visitors from Long Island were Ed O'Brien, Fresh Meadow Country Club and president of the Long Island Association; Hugh Luke, Garden City Country Club, secretary of the Long Island association; and Elmer Affeldt, Engineers' Country Club, vice president of the Long Island Association.

Previous to the banquet the association held its annual business meeting and election of officers for 1933. They will be: President, John Anderson, Crestmont Golf Club; Vice President, Robert E. Bullock, Aldecrest Golf Club; Secretary, Ed. Stroud, Laurence Brook Country Club; treasurer, Arthur Burton, Mountain Ridge Country Club.

A review of the past season and anticipations for 1933 formed the basis of the discussion. The exceptional drought and its damages and high water bills in the past year, anticipated budget reductions for next year, and how to give the club members the usual well-groomed courses in the coming spring and summer, came in for an unusual amount of attention.

The New Jersey Greenkeepers are determined, come what will, to keep up the high standard of maintenance and in order to do this they have one and all to help the other fellow, hence these meetings and discussions.

Western New York Chatter

By FRANK NICHOLS, *Secretary*

THE annual meeting of the Western N. Y. D. G. A. was held at the Richmond Hotel, Batavia, N. Y., November 15, 1932. Twenty-one members responded to the roll call.

Most of the morning session was taken up in making a revision of the by-laws which brought out many spirited discussions.

Albert Bulges, who has been directly in charge of the Experiment Gardens at Hyde Park, Niagara Falls, N. Y., was unanimously elected to full membership in our association.

STEPHENS ELECTED PRESIDENT

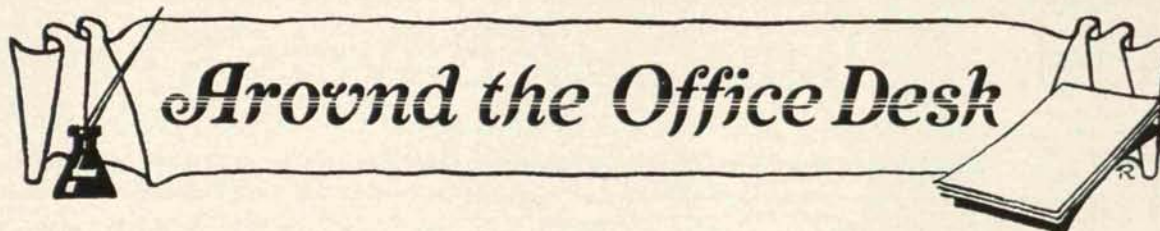
AFTER the annual dinner, President Jim Connaughton of the Monroe Club, Rochester, called for the election of officers. Our old friend, Art Stephens of Erie Downs, was elected president.

The following officers to assist him: Vice-President, Custer Stallman; Secretary, Frank Nichols; Treasurer, Doc. Earl; Directors, Jim Connaughton, Custer Stallman, Frank Reese, Wm. Brizee, Art Stephens, Al Schardt, and Walter Radford.

After remarks by past and newly-elected officers a tentative schedule was made out for our meetings next year.

Bob Henderson thought perhaps a bus might be secured to take the whole bunch to the Chicago Convention—well, we hope so, times are pretty tough.

LOOK for the February issue of the NATIONAL GREENKEEPER. It is the official organ of the National Association of Greenkeepers of America and contains the complete Program of the Chicago Convention list of Show exhibitors.



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 John Quail, 426 Highland Ave., Pittsburgh, Pa.
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Market Place *and* Buyers' Guide

Where reputable manufacturers and dealers list and describe their products. Greenkeepers are requested to write the Market Place for any special information they desire about supplies or equipment.

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Some Facts About Velvet Bent

The following information is furnished by the Hyper-Humus Company in Newton, N. J.

VELVET BENT (*Agrostis canina*) is not a trade name for bent grass, but is the name of an entirely distinct species. It produces a much finer textured turf than any strain of creeping bent, Seaside bent, Colonial bent, Astoria bent, Rhode Island bent, or other species of the bent grass group.

Velvet bent makes a profuse growth of narrow basal leaves, thus producing a dense turf of fine texture.

When Velvet bent seed contains 5% or more of other bent species or strains, the resulting turf is patchy and uneven in texture because the fine leaved velvet does not blend with the relatively coarse foliage of the other bents.

One of the most conservative seed houses, noted for its high quality products and moderate prices, offers stolons of Metropolitan creeping bent at the price of \$17.50 for enough stolons to plant 1000 square feet. Two pounds of pure Velvet bent seed will plant the same area at considerably lower cost.

VELVET BENT PRODUCES ROOT SYSTEM

VELVET BENT turf produces a root system that is fully as extensive as that of any other species of bent grass, according to root studies reported by the New

Jersey State Agricultural Experiment Station. In its native habitat, the species occurs on well-drained soils that are inclined to be rather dry, rather than on swampy or soggy soil. Velvet bent will tolerate a limited supply of moisture as well or better than related species.

Velvet bent requires far less top-dressing to maintain a true surface than creeping bent produced from stolons or from seed. With the high cost of preparing good top-dressing, and the large amounts used in the course of a season, the saving on this item from use of Velvet bent is considerable. Velvet bent requires even less top-dressing than any strain of Colonial bent, or of German mixed bent.

Velvet bent produces the toughest and *hadiest turf* when fertilizer is used sparingly. In fact, greenkeepers who have propagated this species on their own courses, state that it seems to thrive on neglect of feeding. Excessive soil acidity is undesirable for Velvet bent as well as for other species of bent grass, but the grass will flourish over a wide range of soil conditions.

WHY VELVET BENT IS INEXPENSIVE

VELVET BENT is a relatively inexpensive putting green grass for the following reasons:

1. There are approximately ten million seeds to the pound, about twice as many as for other species of bent grass. The rate of seeding Velvet bent need not be more than two pounds per 1000 square feet on properly prepared seed beds. The cost of seeding Velvet bent is far less than for planting creeping bent from stolons.

NO SPECIAL CARE AT TIME OF PLANTING

2. No special care is required at the time of planting. Simply use the ordinary precautions as for sowing other small seeded grasses. No unusual attention, such as the careful covering with screened soil and careful watering needed by stolon plantings, need to be given to Velvet bent planted from seed.

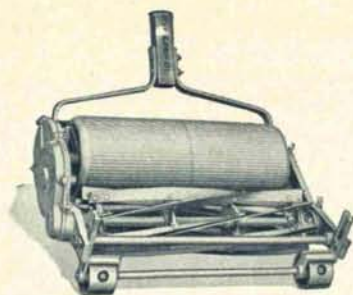
3. Velvet bent requires less top-dressing to maintain a true putting surface than any other grass used for putting greens in the United States. Stolon bent greens will require at least twice as much top-dressing as Velvet bent. One of the most costly items in the maintenance budget may be reduced to a negligible figure by planting greens to Velvet bent.

VELVET BENT IS HARDY

4. Velvet bent is hardy, persistent and durable. It will hold its own against the encroachment of weeds, poa annua, and clover as well as any other putting green grass. Moreover, it is better able to do so with limited feeding than other bent grasses. Re-seeding and fertilizer costs may be reduced to a minimum with Velvet bent.

5. These great savings in costs are not made at the expense of quality. Pure Velvet bent produces the *finest turf* ever developed on a golf course or similar grassed area. Impure Velvet bent seed containing 5% or more of other species of bent grass will not produce a uniform, smooth-textured turf, but pure Velvet bent will do so.

6. The production of pure Velvet bent seed has been placed on a permanent basis in New Jersey with the assistance of the State Agricultural Experiment Station, and seed of the same high quality as that now available will be placed on the market year after year.



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