

Light fertilizing in April, May, June, none in July and August. Will have enough fertilizer to go over all the fairways this fall. We have not had any webworms this summer. Had a few in 1931.

Hope everyone has a much better year in 1933—a bigger budget and less brown patch.

Winnipeg Speaks Up

By A. W. CREED, *Greenkeeper*

St. Charles Country Club, Winnipeg, Manitoba

TAKE a little time and write it your own way—who could refuse such a request from our Colonel?

Another golfing season has nearly gone and I can assure you it has been a very trying and difficult one. Saving here—saving there has made it hard for the greenkeeper and the last dollar has been made to count.

This year the wages of employees were reduced ten per cent. The working day was from ten hours to eight.

We changed our 5-unit Toro fairway machines of which we have two, into one 7-unit. Just had one man for tractor. The other three units were put on another tractor to cut banks, approaches and all tees possible, one of the greensmen doing this work in the afternoon. Our course has not suffered in consequence. We have kept on our staff of sixteen men. They have combined to help the club through these trying times.

Our nursery has shown a profit besides, moving 1800 feet of turf for possible new grass a year, also a large stock of stolons.

The club officials and myself undertook the building of two new greens for the Canoe club, Winnipeg, also the supervision of remodelling one green for the All-crest Country Club. We have also remodelled nine holes and laid out nine more holes for the Dominion government at Reding Mountain, Clear Lake, Manitoba. This is being built by one of my sons who is in charge of construction and when finished will be a very sporty course.

This year another 18-hole public golf course has been built at Tuxedo, Winnipeg.

Our own new 9-hole golf course was planted with stolons from our own nursery. This bent which originally came from Hiram Godwin, Detroit, has been commented upon by visitors from all over the world and the club is justly proud of it.

All in all we have had a fairly good year. No brown patch, no crab grass, no weeds in greens. It looked in the spring, under the shadow of depression, that we had a big hill to climb, but by perseverance, cooperation and strict attention to the work, we got over the hill and are just about to finish the course with a good covering of manure on the fairways and poison for the greens.

The club has 27 holes. All fairways are watered. The pumps are capable of throwing nine hundred gallons of water per minute, pressure one hundred pounds at tank. Each green is watered for one-half hour each morning

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and cut every morning to 3/16 of an inch with Toro hand mowers. Each man has three greens, tees and bunkers on the three fairways. He is made responsible for all this work. This being inspected every day by the foreman or myself.

Nine men for greens, three men for watering system, one man care of nursery and trees on course, one man for team for four acres of garden, two acres of nursery, polo stables, spreading manure and top dressing, one man for tractor for fairway mowing, one man as foreman changing cups, tee plates and other general work.

I might add in conclusion that the course here was never in better condition than this season. It is interesting to read in last month's GREENKEEPER of others in the same position.

Here's good luck to the pals in Detroit.

Pacific Coast Gossip

By ARTHUR LANGTON

SOMETHING unique in the way of meetings was held recently when greenkeepers of Southern California convened aboard a chartered fishing boat and voyaged out into the broad Pacific in pursuit of finny denizens of the deep. The ocean was choppy under the impact of a stiff breeze and inasmuch as some members of the party had never been on such an expedition before, complications ensued. Nevertheless enough fish were hooked and brought abroad to supply fertilizer for several greens and material for many a good yarn.

LYON WALKS INTO SAN JOAQUIN

JAMES A. LYON, formerly of the Hollywood Country Club, has been appointed as superintendent of the Sunnyside Country Club of Fresno, the raisin capital of the United States. The course is located in the heart of the San Joaquin section of California's great valley. This a geographical feature some 600 miles long containing over 500 different kinds of soils. The summer is rainless with the daytime temperature hovering around 100 degrees in the shade of the ice-house. With irrigation, practically anything may be grown in this valley. It is an ideal setting for the eighteen Bermuda grass greens, which have fallen to Jimmy Lyon's expert care.

Professor W. A. Rockie of the Pacific Northwest Soil Erosion experiment station has produced some more interesting figures in regard to his favorite topic. According to him, in the spring of this year the high waters

of the Palouse river, moved about 25,000,000 tons of soil from highly productive land.

The Palouse river drains enough cultivatable land in eastern Washington and northern Idaho to make a combined Delaware and Rhode Island with enough area left to make a hundred golf courses and two cities the size of Los Angeles. If each one of the 500 greenkeepers of the Pacific Coast were assisted by a crew of six men and ten ordinary 1½ ton trucks, he would have to haul three loads with each of the ten trucks every day of the year, including holidays, to equal present field losses in this region from erosion.

LONG BEACH IS BUILDING PUBLIC COURSE

HERE is also considerable moving of soil going on down in Long Beach, California, where a 100-acre section of swamp land is being drained and graded for the construction of that city's newest public golf course. All the superfluous moisture is being drained into a central reservoir lake and thousands of yards of river silt are being carried in to provide a fertile seed bed. Originally the land was practically flat but now enough contours, depressions, and hills have been worked into its surface to make it a very interesting golf course. Water will be boosted directly from the reservoir lake into the irrigation mains and engineers estimate that a constant pressure of 150 pounds will be provided. A pop-up sprinkling system is being installed throughout.

In the same City of Long Beach, W. W. Beaver of the Virginia Country Club has fixed up one of his power mowers so that by the motion of a lever three different cutting heights can be obtained. Thus the machine can be used for cutting rough, tees, and approaches without time being taken out for adjustments. Demonstrating his versatility further, Beaver's dahlias from the clubhouse garden have won prizes in local exhibits.

Canadian News

By J. H. EVANS, *Golf Editor*

Toronto Globe



W. J. SANSOM

WITH many members of the association accompanying the officers, the Ontario Greenkeepers' association varied its usual routine of visiting courses in central Ontario, and on October 11 went to Buffalo to study the work being done there by the green section of the United States Golf association. On their way and on their return, the association's members went over the course of the Look-Out Point Golf and

Country Club at Welland and also the St. Catherine's Golf and Country Club.

The Look-Out Point course, although it has not been selected as a lay-out for any important tournament is an outstanding test of golf. With its length, its diversified character and its small well-trapped greens, the course is exceedingly popular with golfers from the northern part of New York state. In fact its support is largely drawn from Buffalo and its environs.

Visiting the plots of the United States Golf association, the association observed conditions comparable to those existing at the Royal York club in Toronto, where similar plots are being maintained under the authority of the Royal Canadian Golf association. The association walked over the nine-hole course of the Hyde Park club, a municipal club. This course has been newly constructed and will probably be noted for its very fine metropolitan bent greens.

LOOK-OUT POINT GREENS ALL VELVET BENT

THE course of the Look-Out Point club was in excellent condition. The putting surface of the course is largely velvet bent, in some instances eighty per cent is covered with this type of grass. Alex. Horne, the greenkeeper has watched the development of the bent grass for the past five years and expects to have a course entirely of this description within a comparatively short time.

The velvet bent of the Look-Out Point course is from seed. The club was extremely fortunate in its purchase because its excellent putting surfaces are entirely from seed.

SANSOM LEADS GREENKEEPERS PILGRIMAGE

ON THE return from Niagara Falls, N. Y., and Buffalo, the party led by W. J. Sansom, newly-elected vice-president of the National Greenkeepers' association, spent a short time at the St. Catherine's Golf club, which maintains a nine-hole course. The course, like the others visited, was in fine condition.

The visit to the three clubs concluded the schedule of outdoor meetings. Preparations were made for a series of indoor meetings at which papers will be delivered by members of the association and possibly some officials of the agricultural departments of the Provincial and Federal Governments will be asked to take part.

Mr. Sansom discussed with members of the association the possibility of a larger party than in former years attending the annual convention of the National Greenkeepers of America which is to be held in Chicago in February. He made a report on the executive meeting in Cleveland at which the resignation of John Morley, its president, was accepted. General regret was expressed that Mr. Morley was forced to insist that his resignation be accepted.