

Toro Junior Tractors on Nakoma Country Club, Madison, Wisc.



*Harold Clemens,
Manager*

“We liked our first TORO Junior so well that we bought another and decided to standardize on them”—says Harold Clemens

MR. HAROLD CLEMENS, Manager of the Nakoma Country Club, Madison, Wisconsin, is one of the younger generation of Golf Course Superintendents, who devotes most of his time to the practical side of maintenance problems.

Mr. Clemens, like many other golf course Superintendents, had been struggling along with machinery, that, although it worked after a fashion, was out of date and antiquated as far as modern demands were concerned.

So, although the club was building a fine new clubhouse and their budget was somewhat restricted for that reason, he decided that the savings involved in getting new, properly built equipment would more than compensate them for the temporary expansion in outlay.

After analyzing the market, he decided that the new Toro Junior Model B tractor with dump box was the best all-around tractor for both mowing and general utility purposes and placed his order for not only a tractor but a new set of Toro fairway mowers as well.

The new tractor had only been there a short time before many members took notice of it and complimented him on his good judgment in selecting such a well built piece of machinery. They liked the fine appearance, the trim lines and the fact that the new tractor was noiseless and caused no interference with play.

Their enthusiasm was so pronounced that they gave him permission to purchase an additional outfit, thereby standardizing on the new Toro Junior tractor.

The new Toro Junior is the best built small tractor that is offered on the American market. It is not a makeshift but on the contrary is built from the ground up to provide trouble-free service over a long period of years.

Noiseless in its operation, it will receive the approval of every player on your course. Its fine appearance will gain many friends for you. Its heavy duty rear end will never cause a moment's trouble or expense. By all means, investigate the new Toro Junior today.

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TORO

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Contents

GOLF LAYOUTS By Pete Stewart	5	WEST PENN. NEWS	20
LAWSONIA	8	CONVENTION STORY CONTEST By Edward B. Dearie, Jr., Bob Farmer, Lewis M. Evans	21
GOLF COURSE CONSTRUCTION FROM THE GREENKEEPER'S STANDPOINT—Chapter No. IV Drainage on the Golf Course By Edward B. Dearie, Jr.	11	JOHN QUAIL SAYS:	28
STEAMING LOAM By Paul G. Wanberg	17	MIDWEST GREENKEEPERS' PAGE By A. L. Brandon, Sec'y	29
EQUIPMENT DEMONSTRATION AT PITTSBURGH	18	NEW ENGLAND NOTES By Llewellyn L. Derby	30
BRANDS FUNGI AS GOLFERS' FOE By Wallace S. Moreland	19	AROUND THE OFFICE DESK Tournament Schedule	32
		MARKET PLACE AND BUYERS' GUIDE	33

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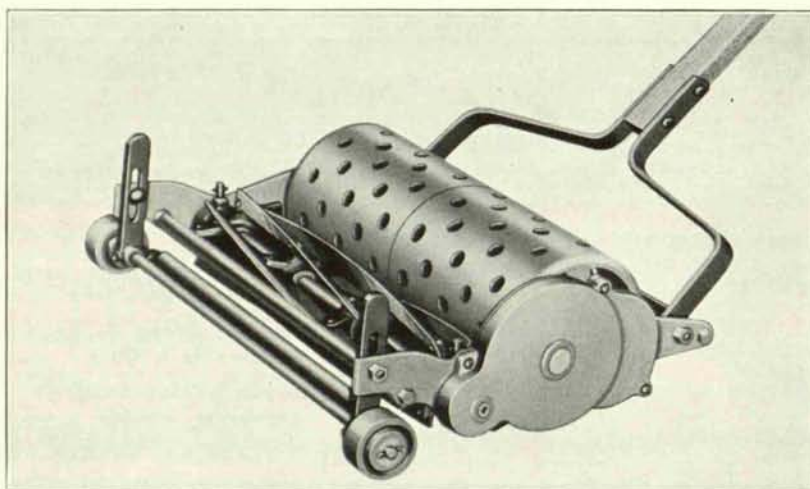
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Frame and rollers are aluminum. The four-inch, seven-blade, high speed reel shaves with razor keenness. A trial with this finest of greensmowers will put it on your staff for all time.

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IDEAL GOLF COURSE EQUIPMENT

July
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Volume IV
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The Leading Journal of the World on Turf Culture and Golf Course Maintenance

Official Organ of The
National Association
of Greenkeepers of
America

Golf Layouts

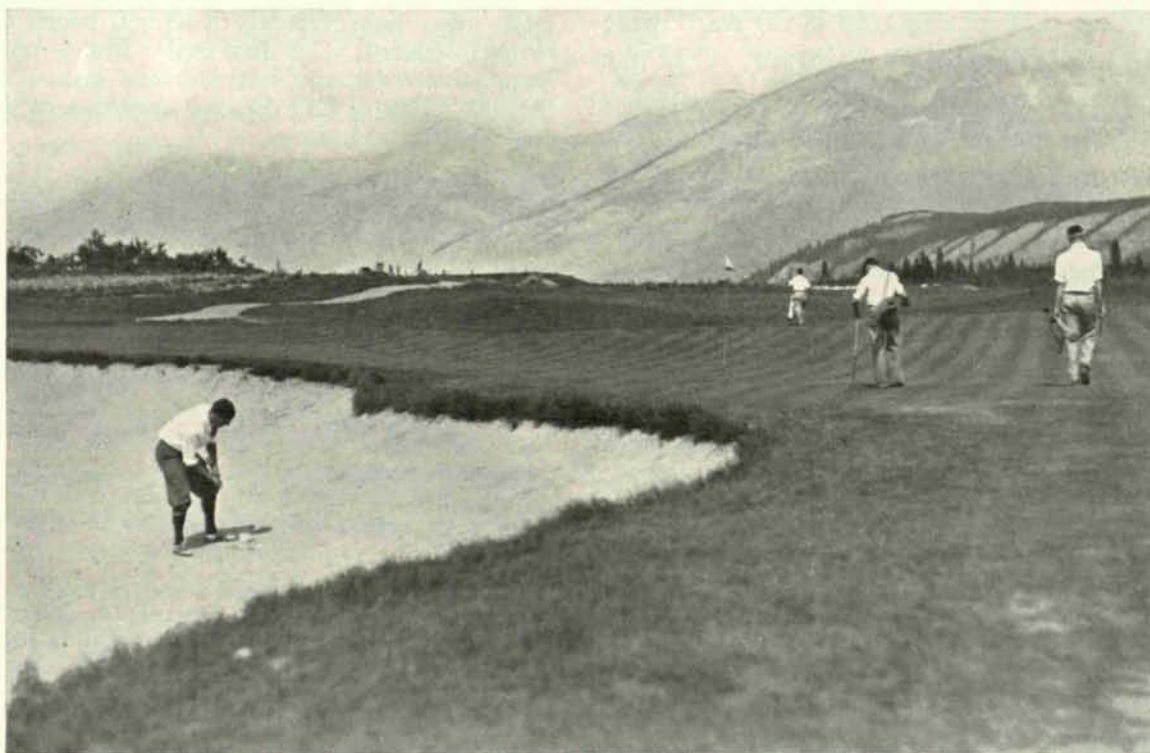
BY PETE STEWART, *Greenkeeper*
Lake Shore Country Club, Glencoe, Illinois

IN TALKING to different architects I find they use almost the same fundamentals when planning their layouts for a course.

First they consider a get-away hole, one that calls for two good shots, but not too difficult so that the crowd can start away without congestion on busy days. A very difficult finishing hole is agreed by all to be a practical point to be considered. Aim if possible having the first and tenth tees, and ninth and eighteenth greens near the clubhouse.

A good assortment of holes must be considered to make the play enjoyable and interesting, and above all the combination of holes that will call for a real test of all shots. My suggestion for your approval is the following assortment:

- 1—Mashie pitch of 135 yards
- 1—Iron shot of 190 yards
- 1—Spoon shot of 220 yards
- 1—Two shotter of 360 yards
- 2—Two shotters of 380 yards



SECOND GREEN—JASPER NATIONAL PARK, ALBERTA, CANADA

- 2—Two shotters of about 395 yards
- 2—Two shotters of about 410 yards
- 2—Two shotters of about 420 yards
- 2—Two shotters of about 435 yards
- 2—Two shotters of about 440 yards
- 2—Three shot holes of 530 to 540 yards.

Arrange so that each nine holes total about 3200 yards. Holes that can be reached with a mashie on the second shot should be trapped tightly, but on the other hand if it requires a long second the green should be quite open.

A rolling piece of ground assists the architect in making the course attractive. Although Old Elm and Twin Orchard are far from being hilly, the golfer can find a fine test of golf and some very attractive and interesting holes.

Those who object to artificial sand overlook the thrill obtained by a splendid recovery and the variety secured by the use of the niblick. Very few low scores have been made on either, partly because they have not held open championships, but mainly owing to the well trapped greens which call for a well placed mashie or iron shot.

It is not absolutely necessary to have extremely high built greens in order to make the course difficult. A well placed trap is far more practical and less expensive to maintain. One may ask what is a well trapped hole—needless to say that is a matter of opinion judging from information I gathered to submit for your approval which is as follows:

First, on a drive and pitch hole, place tee shot and green bunkers to call for a well placed drive and a proper second.

On a full two-shotter, trap the tee shot but leave the green open. A well trapped tee shot can be arranged by placing a pit and sand face on the left running diagonally from 125 to 150 yards, covering one-half the course. On the right a similar bunker about 180 to 190 yards covering one-third of the course. Then for the second shot trap the green so that the player who carries the left bunker will have a rather difficult second. But if he can negotiate the right trap his second shot to the green will be a much easier one. This is accomplished

by placing a trap that covers the left half of the green.

All greens should be of the average size around eight to ten thousand square feet, except the full one-shot hole which should be a trifle larger.

The one-shot mashie hole calls for less putting surface and a tightly trapped green.

A number of shots can be played from traps with great accuracy and these shots play an important part in golf which the architect endeavors to encourage. Diversify the sand faces requiring a variety of shots that will test both the amateur and professional to their utmost ability.

GOLF NEWS

Plans are under way to build a new 18-hole golf course at Memphis (Tenn.), on the Collier tract east of E. Parkway, between Poplar Ave. and Central Ave. Cy Cooley, former physical director at the Y. M. C. A. is promoting the proposition.

* * *

Langford and Moreau, Chicago golf architects, are about to sign a contract to build a golf course at Iron River, Mich.

* * *

The Garrett Country Club, Garrett (Ind.), has made many improvements in its golf course according to the president, C. J. DuPont. The membership is largely increased over last year and great enthusiasm prevails. Doctor C. P. Fox is chairman of the sports and pastime committee.

* * *

The Chicago Golf Courses, Inc., of which Robert Golding of Kirkland, Fleming, Green and Martin, is president, has leased the corner of Sheridan Road, Belmont Avenue and Lake Shore Drive, Chicago. The company plans to develop an 18-hole golf course which will be one of a group with which the lessee concern expects to establish in various parts of the city this spring.

* * *

A new company called Golf, Inc., Ft. Wayne (Ind.), has been organized to build, maintain and operate golf courses and club houses in and near that city.

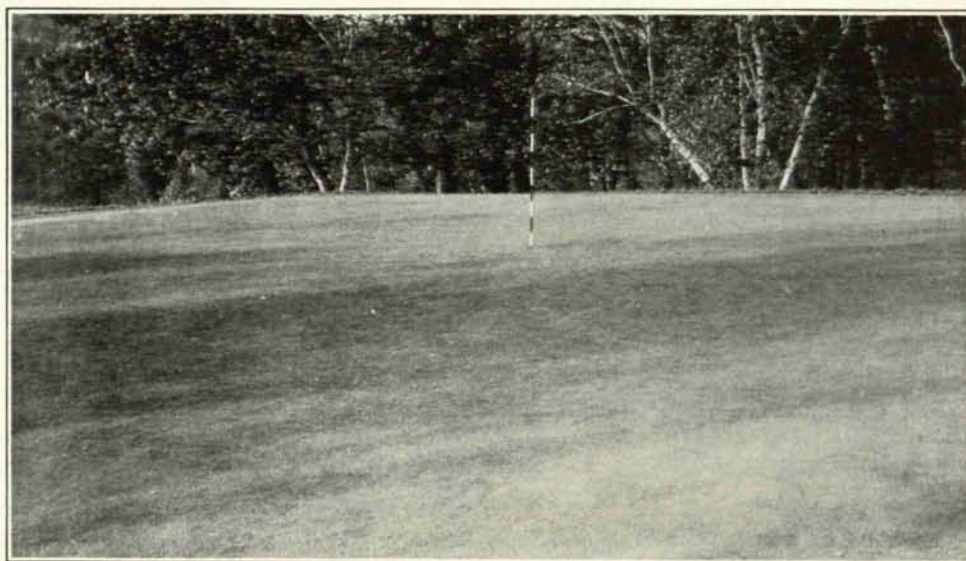
* * *

The Somerset (Ky.) Country Club opened its golf course early in May and the prospects are bright for a most successful season.

* * *

The Board of Trustees of Hiram College, Hiram (O.) will purchase 188 acres of land east of the present college property limits for the construction of a golf course and artificial lake.

ANY green costs enough to deserve this protection against BROWN PATCH



*Du Bay fungicides controlled brown patch on this green at
St. Andrews Golf Club, Mt. Hope, N.Y.*

Nine-hole course or eighteen . . . whether your club is well established or just a struggling newcomer . . . your greens cost enough to deserve protection against the damage which brown patch inflicts.

To provide such protection, follow the leading greenkeepers in all districts who depend on two organic mercury fungicides—Du Bay Semesan and Nu-Green.

Applied regularly throughout the season, Semesan or Nu-Green can entirely prevent both large and small brown patch. If the disease has already appeared, a heavier application conquers it and very quickly restores the turf to normal health.

For the control of brown patch one pound of Semesan or Nu-Green to 50 gallons of water treats 1000 square feet of turf by sprinkling. Applied by power sprayer, 50 gallons of Seme-

san solution treats from 2000 to 3000 square feet of turf, and 50 gallons of Nu-Green solution treats from 1500 to 2000 square feet. Both are harmless to turf—both are deadly to brown patch fungi.


SEMESAN controls brown patch under the most severe conditions, but is especially recommended where soil fertility is high.

5 lbs.....	\$13.00	100 lbs.....	\$220.00
25 lbs.....	56.25	300 lbs.....	645.00

NU-GREEN contains the same effective ingredient as Semesan. Recommended for use where soil fertility is lower.

5 lbs.....	\$ 9.00	100 lbs.....	\$145.00
25 lbs.....	37.50	300 lbs.....	420.00

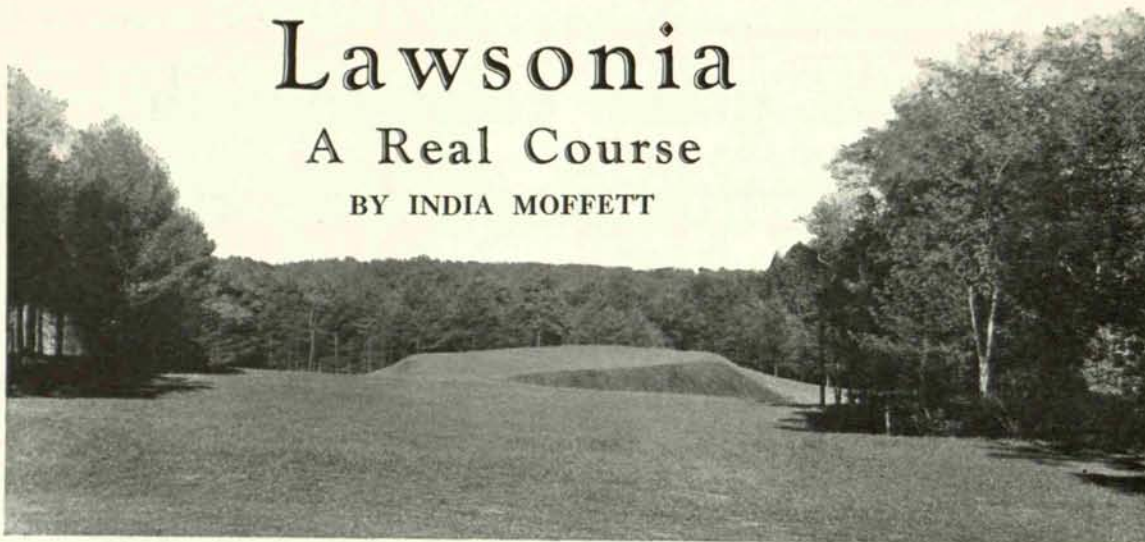
Order at once from your seedsman or golf supply house. Bayer-Semesan Company, Inc., 105 Hudson St., New York, N. Y.


SEMESAN **NU-GREEN**
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Lawsonia

A Real Course

BY INDIA MOFFETT



14TH GREEN AT LAWSONIA—175 YARDS FROM THE TEE

Photo by Miller Studios

THE Lawsonia Country Club at Green Lake, Wis., dedicated its new \$250,000 golf course on May 30 with a tournament for members and their guests. The eighteen-hole course was laid out in 1928 and completed in the spring of 1929, but it was not played on last year.

Langford & Moreau of Chicago, noted golf architects, who have built many of the outstanding golf courses in this country, designed the Lawsonia course, which is of championship caliber and a real test of golf.

The new Lawsonia course (the club has another eighteen-hole course which is not so difficult, but interesting nevertheless) is for the most part on high and rolling ground, although in places the high terrain dips into secluded woodland nooks, where the forestration program of the late Victor Lawson, whose country estate Lawsonia was before it became a country club, has come to rich fruition.

Thus there was given to the golf architect a perfect combination of open highland and wooded valley to develop into a course, which is not only an exacting and ever interesting round of golf, but a playground of unsurpassed natural beauty. Many delightful views of Green Lake and the other waters of the surrounding countryside are offered to the player as well as glimpses of the club house and gardens of Lawsonia.

Lawsonia Has Sandy Soil

THE sandy nature of Lawsonia soil insures perfect drainage, and the best of early and late season playing conditions. The installation of a complete tee, green and fairway irrigation system has brought it into superb condition in a remarkably short time, and promises green luxuriant turf under all weather conditions.

The course is of full championship length, measuring 6600 yards, 3370 out and 3230 in. Par is 72-36 on each nine. There are five par 3 holes, four drive and iron shot holes, seven long two-shot holes, also two long ones of 540 and 560 yards length. No two holes of similar length succeed each other, and there is no duplication of topographical conditions on any of the holes.

A hole by hole description of a golf course is either practically inaccurate or tiresomely technical, so no effort to describe Lawsonia in this manner is attempted. Nevertheless three of the holes are unusual and interesting enough to warrant a short description.

The fourth hole, 205 yards long, will not be forgotten soon by master or duffer. It rises 30 feet in an increasingly sharp slope from tee to green. A huge bunker has been cut in the face of the hill in front of the green, completely blocking it from the tee, and demanding a carry of 185 yards. He who cannot make this carry must play to the right, where ample fairgreen has been provided for him from

Tested Seeds

NO matter how well the soil has been prepared, or how fully the thousand and one little details have been taken care of—if the seeds you plant are not right, it is largely wasted effort. This is why we emphasize, at all times, what we term "The Henderson Standard of Quality," rather than our prices.

We have always believed that there is a demand for the highest grade of Grass Seed—Grass Seed that could be depended upon, and the results have fully justified this belief.

Let us quote you on your requirements, and you will be surprised to find that the prices for Seeds of the Henderson Quality are about the same as you have been paying, but with a vast difference as to results.

We can help you with your course problems. Our staff of trained men is competent to assist you, whether it be a complete new course, the renovation of your present one, or the usual problems that come from day to day.

An inquiry does not obligate you in any way.

PETER HENDERSON & CO.

SEEDSMEN

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which, if he be skillful enough or fortunate, he still may chip dead for a three.

The 150-yard seventh hole will appeal not only to the seeker of golfing thrills, but also to the lover of nature. Backed up by stately white pines and shapely maples the hole presents a beautiful picture from the tee. The green has been built out from the hillside on the left as a cape, and lies about ten feet below the knoll on which the tee is placed. How small and inaccessible it looks from the tee, how forbidding its high and steeply sloping faces, yet once on its warped and velvet surface it certainly looks large enough for any golfer.

The thirteenth hole, the longest, is 560 yards long, a length which rarely produces a hole of any exceptional merit. Nature and the architect have joined forces here, however, to produce a hole of surpassing merit. The tee commands a wonderful panorama of rolling wooded hills, accented here and there with distant glimpses of the sparkling green waters of the lake. The drive is between mammoth traps, the one on the left 170 yards distant, its neighbor on the right 130 yards, between them 20 yards of open fairway. The hole then bends slightly to the left with another huge

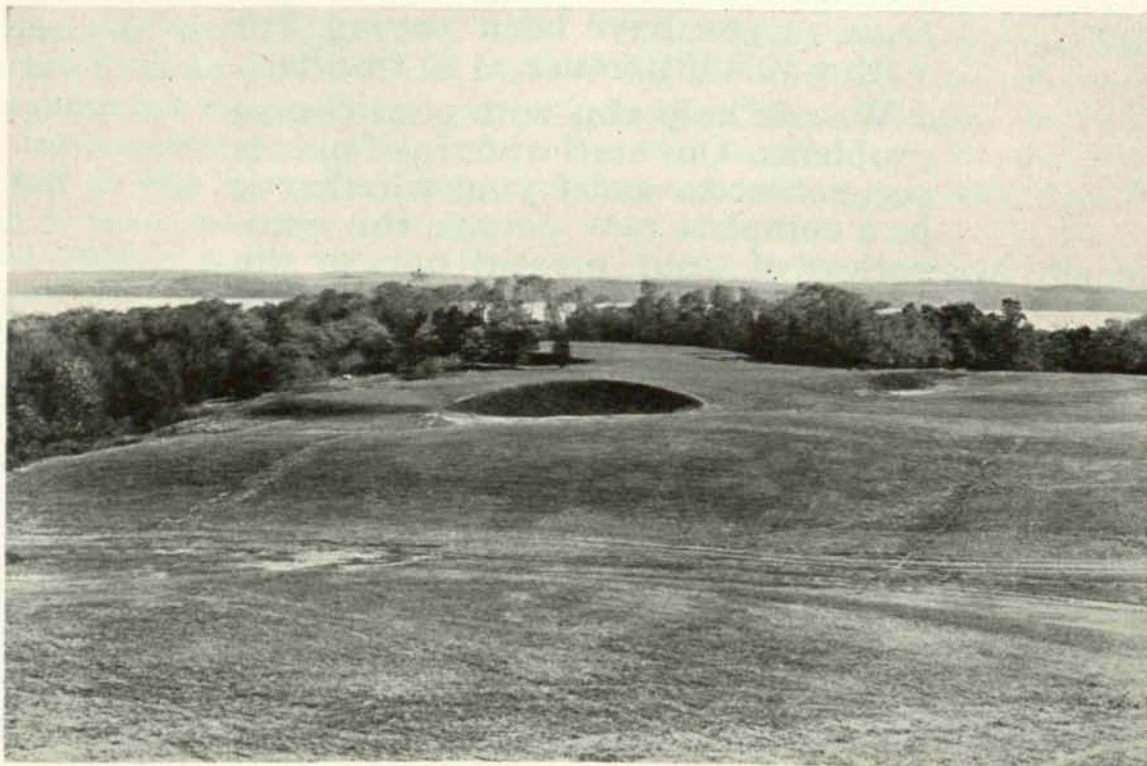
crater biting almost halfway across the fairway from the right at the 375 yard mark.

Four hundred yards from the tee the fairway drops 30 feet into a valley, whence it rises 30 feet to the green. The latter end of the hole is cut into a pine woods, and the green is protected by a diagonal trap at the left and a grassy hollow behind and to the right. The hole throughout its length presents an ever-changing problem to golfers of all grades of ability, without offering difficulties which cannot be circumvented by all.

The Lawsonia club house is on the water's edge a mile from the golf course, but a golf house and professional's shop has been built near the first green on a slope that looks out over the tree tops and across Green Lake.

The greenkeeper at Lawsonia is Samuel Mitchell, a graduate of Massachusetts Agricultural College, and formerly assistant to his father at the Kernwood C. C., Salem, Mass.

Harold R. Fossum, formerly assistant professional at the Bob'O'Link Golf Club at Highland Park, Ill., is the new "pro" at Lawsonia. Fossum was at Bob'O'Link for six years and he also has been the professional at Pine Crest Lake, at Avon Park, Fla.



VIEW OF APPROACH TO THE 10TH GREEN AT LAWSONIA
In the distance is Green Lake, one of the beauty spots of Wisconsin

Photo by Miller Studios