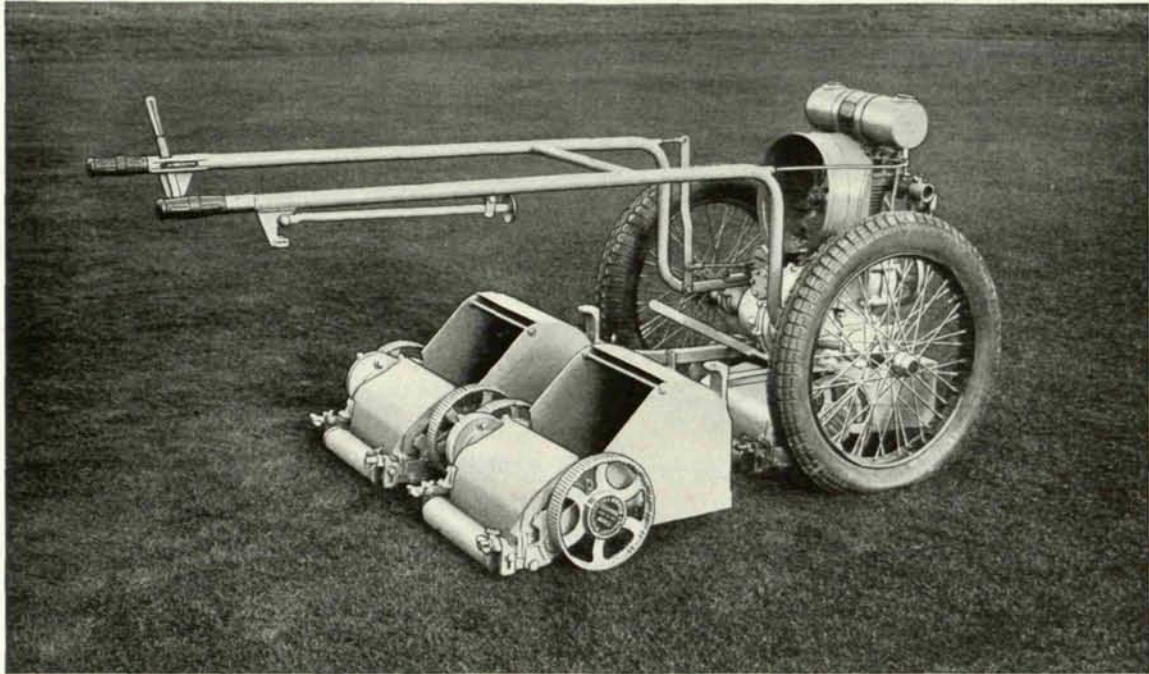
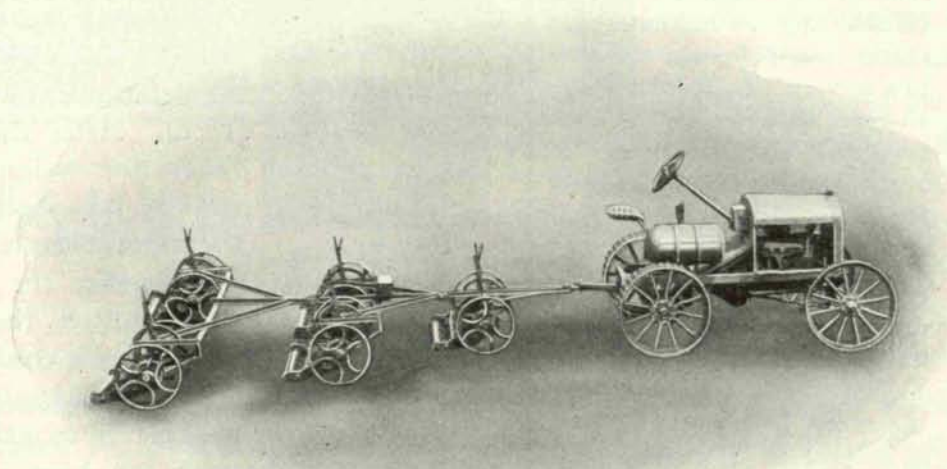


Worthington Mower Company

Lawn Tractors Lawn Mowers
Power and Hand Putting Green Mowers Rollers
Tee Stands Tee Markers Ball Locators



The "Overgreen" will cut an average green in less than 10 minutes. The most remarkable machine offered for reduction in golf maintenance since Worthington gave to the world the fairway gang mower. Light, efficient. Price, 36 inch swath, \$400.00; 50 inch swath, \$425.00.
The "Overlawn" for private estates, approaches to greens, tennis turf, tees, etc. 5 blade high speed reel, 36 inch swath. Price \$375.00. 50 inch cut \$400.00.



Illustrating the fastest and most economical lawn tractor and gang mower in the world. Cutting swaths $7\frac{1}{2}$ feet, 12 feet and 16 feet. Tractor with Model A motor including self starter, \$650.00, with Model T motor, \$496.00. Gang Mower combinations—three unit, \$360.00—five unit, \$610.00—seven unit, \$860.00 complete.

— *The largest manufacturers of Gang Mowers in the World* —

Main Office and Factory—Stroudsburg, Pennsylvania

Branches: Chicago office and Warehouse, 517-21 South Laflin Street; Montreal, 132 St. Peter Street; Cleveland, Hippodrome Building; New York, 11 E. 44th St. San Francisco, 52 Beale St.; Boston, 1 State Street

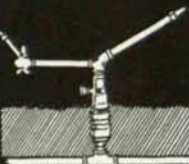
Agencies in all Principal Cities



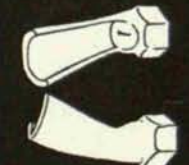
Economy President
A general, all purpose machine. Coverage 80-120 feet under 35-100 pounds pressure. Even distribution. Slow motion—operator can adjust without getting wet. Ideal for use with quick coupling valves. Special self-sealing, well-lubricated head of solid bronze.



Economy Husky
For low pressure systems. Gives full throw of water with proper distribution. Used with April Shower nozzle. Sled or roller base.

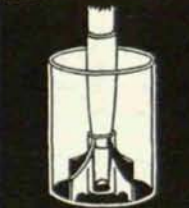


Economy Quick Coupling Valve
For hoseless systems. A true valve—not a snap valve. Positive opening and closing. Full inch capacity of water. Leather seat—easily replaced. Non-leaking.



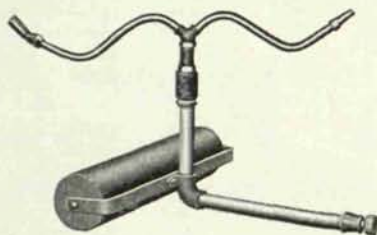
Economy April Shower Nozzle
Breaks up any stream of water under any pressure. No wearing parts.

Economy Putting Cup
Indestructible. Made of solid cast bronze. Flag pole is always upright—never leaning.



Green Turf All Summer And No Labor Wasted

To have your greens soft and velvety in August, requires an adequate water supply and either wasteful labor or the proper sprinkling equipment. The latter is far less expensive and represents the orderly, systematic method.



Now comes the Economy Husky to help the greenkeeper. For low pressure systems, the Husky throws a full stream of water, breaking it up for the proper distribution. It is another addition to the Economy line of efficient, durable machines that change water from a nuisance to a servant. They are made in all types for every set of conditions and capably take care of every grass area with the lowest possible man power.

Write us for the name of our agent nearest you. He can demonstrate and give you worthwhile information.

Economy Irrigation Co., Inc.
21 Spokane St. Seattle, Wash.

Distributors in leading American and Canadian cities

On almost half the golf courses in the U.S. and Canada

ECONOMY SPRINKLERS

better the root system. This was ably demonstrated by Mr. Harrison last year during the U. S. G. A. Greens Section meeting at the Chicago experimental turf garden, when he showed the root system of grass cut in different lengths. The first step to take by those who have a mania for close cutting is to raise the mower a notch—the result will be a pronounced improvement.

One more reason for poor fairways is lack of water when it is essential. The best fertilized turf cannot be expected to stay green nor near spring condition without water. Many of the new courses are having a water system installed during construction. Those contemplating a water system should investigate the new hoseless systems which have been installed on several courses during the past two years. There is no question about the merit of such a system.

Fertilization of the fairways is very important and should be a yearly occurrence. I have found that best results are obtained by fertilizing early in the spring, before the grass has started growth.

Minnesota Greenkeepers Meet BY L. J. FESER



CHARLES ERICKSON

THE annual meeting of the Minnesota Greenkeepers Association was held at the Y. M. C. A. at Minneapolis on April 3, 1930. After the boys had taken the weight off of a heavily-laden table and filled the room with enough smoke to obstruct the view of a chairman of a Green committee, they reviewed the high spots of the Louisville convention and discussed ways and means of avoiding bill collectors during the next eleven months.

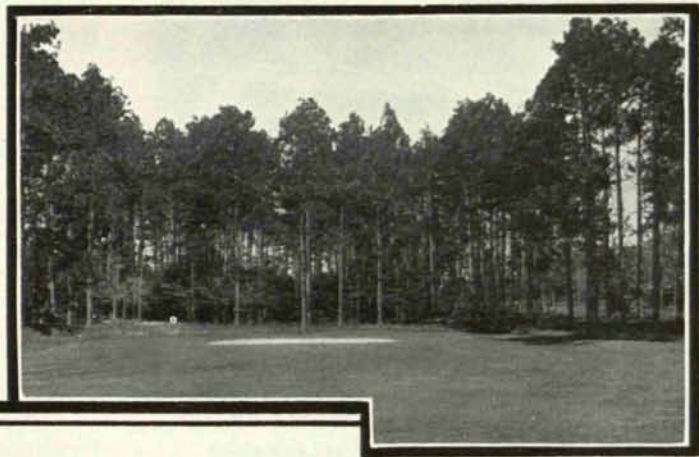
If our greenkeepers can keep about three holes ahead of those fellows, we are going to charter the Graf Zeppelin and go to Columbus in style. In the meantime there is going to be a little contest known as the National Open over at Interlachen which will be staged the second week in July, and Erich Pahl has managed to arrange for a Greens Section meeting the day before the hostilities begin.

The Association voted to extend a special



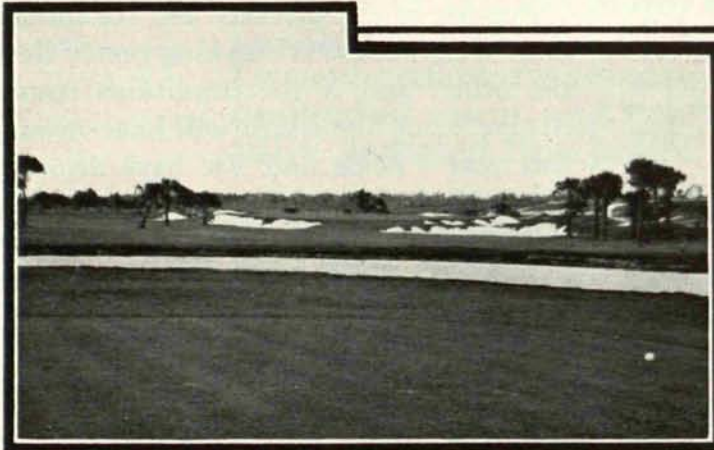
NORTH CAROLINA

The beauty and fine playing qualities of the excellent turf of the golf courses at Pinehurst, North Carolina, prove what NACO can do for established turf. The courses now have an exceedingly fine close stand of Bermuda, and the weeds, wild grasses, etc., have been virtually eliminated. »» »»



NACO

"A GOLF COURSE FERTILIZER"



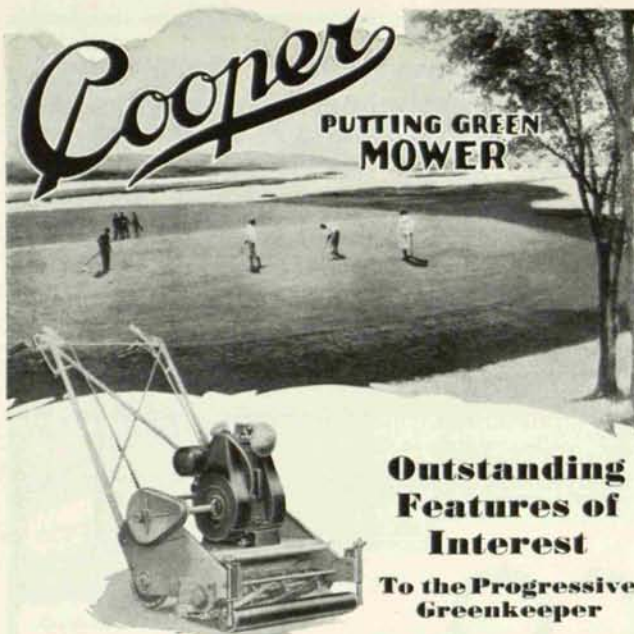
FLORIDA

NACO shows remarkable results in the development of turf on new courses. The photograph on the left shows the wonderful growth of grass on this Donald Ross course in Florida "100 days after planting." NACO is a complete, all organic fertilizer wholly available as plant food. Ample amounts of both quick acting and slow acting Nitrogen insure rapid and continuous growth of the grass. Its Phosphoric Acid (digested fish-bones) builds strong, well developed root structure and its Potash balances the feeding of Nitrogen to produce a tough, wear-resisting grass and healthy turf. »» »»

VALUE ... definitely proven!

NACO is now available in the recommended formulas for golf courses throughout the United States. If unable to secure this all organic, complete fertilizer from your Golf Supply House . . . write direct to manufacturers for name of the dealer who can supply NACO

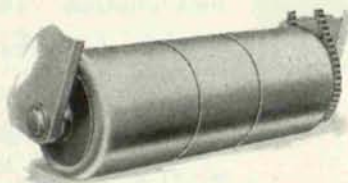
NITRATE AGENCIES COMPANY
104 PEARL STREET - - NEW YORK CITY



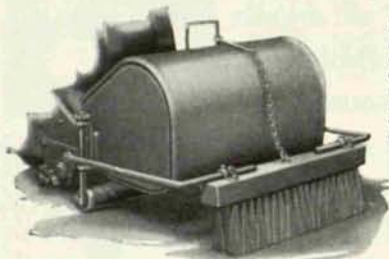
To maintain perfect greens as demanded by present-day golfers, perfect cutting of the grass, frequent rolling of the turf, aerating of the soil, brushing in top dressing and brushing off worm casts and other refuse, are necessary operations which require considerable care if the surface of the green is not to be injured. The ever-increasing popularity of the Cooper Putting Green Mower is due to the fact that it eliminates manual labor from greenkeeping and under its own power performs these various operations efficiently and quickly.

The high-speed, seven-blade reel trims the turf to perfection; the smooth sectional aluminum roller with differential action for easy turning, supplies traction and provides with each cutting that gentle rolling action that levels without packing; finger tip control and independent operation of blade reel and traction roller make the mower extremely easy to handle. The light but strong steel and aluminum alloy construction, Briggs & Stratton motor and grease packed gears with ball and roller bearings throughout are Cooper features that insure longer life and trouble free service.

Of particular importance is the fact that this mower has the famous quick-detachable "drop-out" reel and bed plate unit pioneered by Cooper. Both roller and reel are chain driven and the latter can be operated in reverse for self-sharpening. Additional investment in a transport cart for this mower is unnecessary.



Each Cooper Putting Green Mower is equipped with grass catcher and at small additional cost can be equipped with the special Cooper brush attachment as illustrated. By doing better work in less time and eliminating wage expense of an extra man, the Cooper Putting Green Mower helps conserve club funds and pays attractive dividends on investment. Learn more about this time and labor saver... mail the coupon today.



Cooper Manufacturing Company
541 S. First Ave. Marshalltown, Iowa

Gentlemen: Please send complete information on the Cooper Putting Green Mower, also specifications and prices to

Name _____
Club _____
City _____ State _____

invitation to all the greenkeepers of the state to attend this meeting, and we are anxious to have the boys from all over the country pay us a visit about that time, for we have a very interesting and instructive experimental plot at Interlachen that might pull a few stragglers away from the Bobby Jones Gallery.

After the boys had taken care of the election of officers by giving them all a chance to do better this year, they succeeded in putting something over on Charlie Erickson, but we will tell you about that later. The officers who were given one more year to make good in their official positions were Chas. Erickson, President, Erich Pahl, Secretary, Victor Larson, Treasurer, and the proverbial Vice-Presidential side-track honor was given to the writer, because that officer has nothing to do, and they consider your scribe a master of that art.

Reports of the secretary and the treasurer indicated that one was checking pretty closely on the other, and if the conditions remain unchanged, our bondsmen will have an easy time this year. Erich and Vic have demonstrated their ability to keep something besides greens, as their books proved, and they were given a vote of thanks from the Association for the careful work that they have done during the past year.

This article is getting rather lengthy, but I have to tell you about Charlie Erickson. If any greenkeeper anywhere doesn't know Charlie, then they have never heard of Minikahda Club, for Charlie found Minikahda away back in the '90s, very much like Pharaoh's daughter found Moses, in a cradle among the rushes, and unlike the daughter, Charlie brought the young Minikahda up to its present maturity.

But Mr. Erickson must have found a fountain of youth hidden away at his club, for he is just as young and enthusiastic as he was thirty years ago, and this youngster has been our president since we organized our association, and the boys think that he is quite some president. So they presented a beautiful monumental inkstand and desk pen to the "Veteran Greenkeeper of Minnesota", and he was more surprised than he was the time that his chairman found a dandelion on his 13th green, and—far more pleased.

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

Everything for the Golf Course

35 Cortlandt St.

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New York City



TWO LEVERS

LIFT BULLDOG CUTTING UNITS

OFF THE GROUND!

BY merely pulling two levers, the operator can raise all five Bulldog Cutting Units clear of the ground—for passing over roadways, gravel, etc.

The Bulldog can be backed up. This cannot be done by any other. Operators who have had to maneuver clumsy, high-wheeled mowers in tight places can appreciate the desirability of a mower that can back up.

But that is only one of the five reasons why the low-wheeled close-coupled Bulldog can outperform any other large area mower—at a lower cost per season. Write for the facts.

IDEAL POWER LAWN MOWER COMPANY
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Chicago, Illinois

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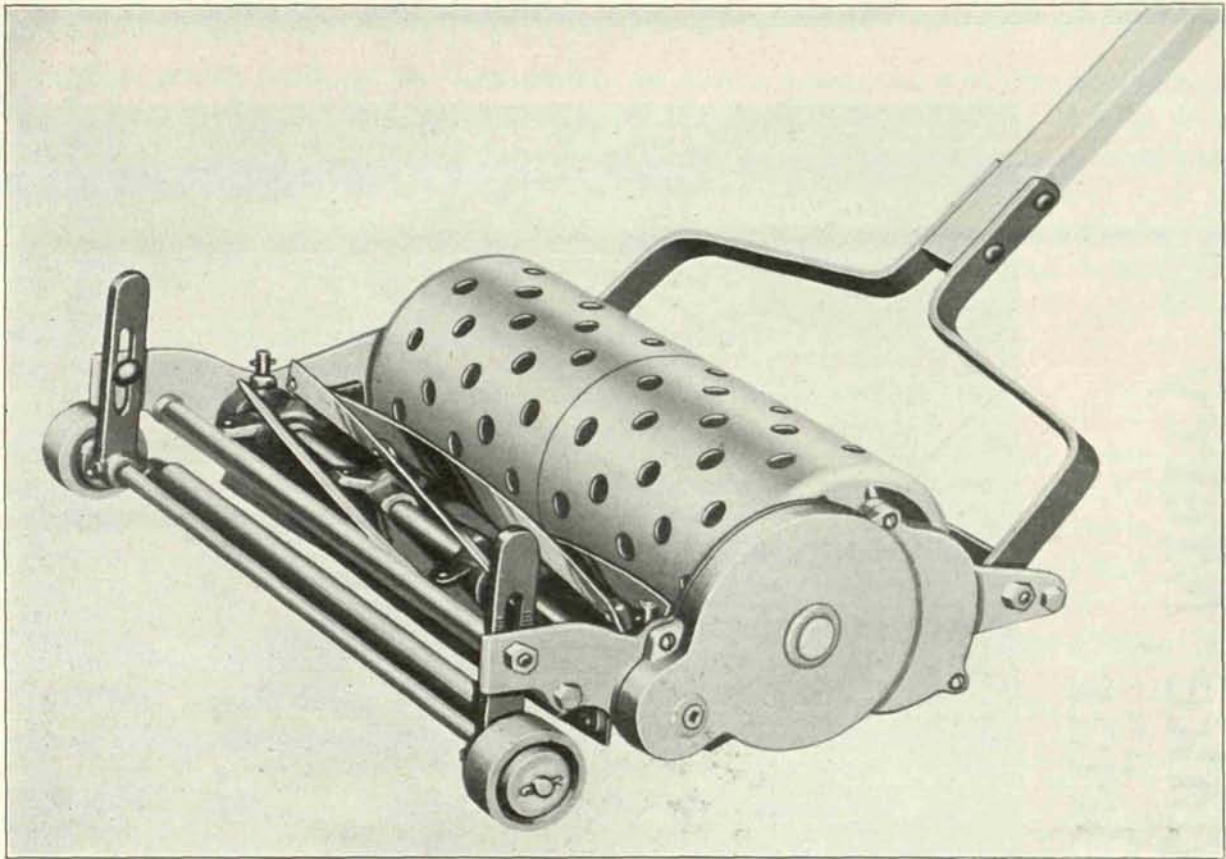
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IDEAL GOLF COURSE EQUIPMENT



THEY JUST DON'T MAKE 'EM ANY LIGHTER RUNNING

NO part in the entire construction of the Ideal Greensmower is of anything but the finest materials—built on the most approved design.

Pushing is practically effortless, because the finest grade of ball bearings give smooth action, and aluminum side frames and roller give remarkable lightness.

To sharpen or service this perfectly built mower is simple. The four-inch high-speed reel has seven keen blades that trim the greens to perfect smoothness. But, you must try the New Ideal Greensmower to realize its superiority. Write today for the interesting description.

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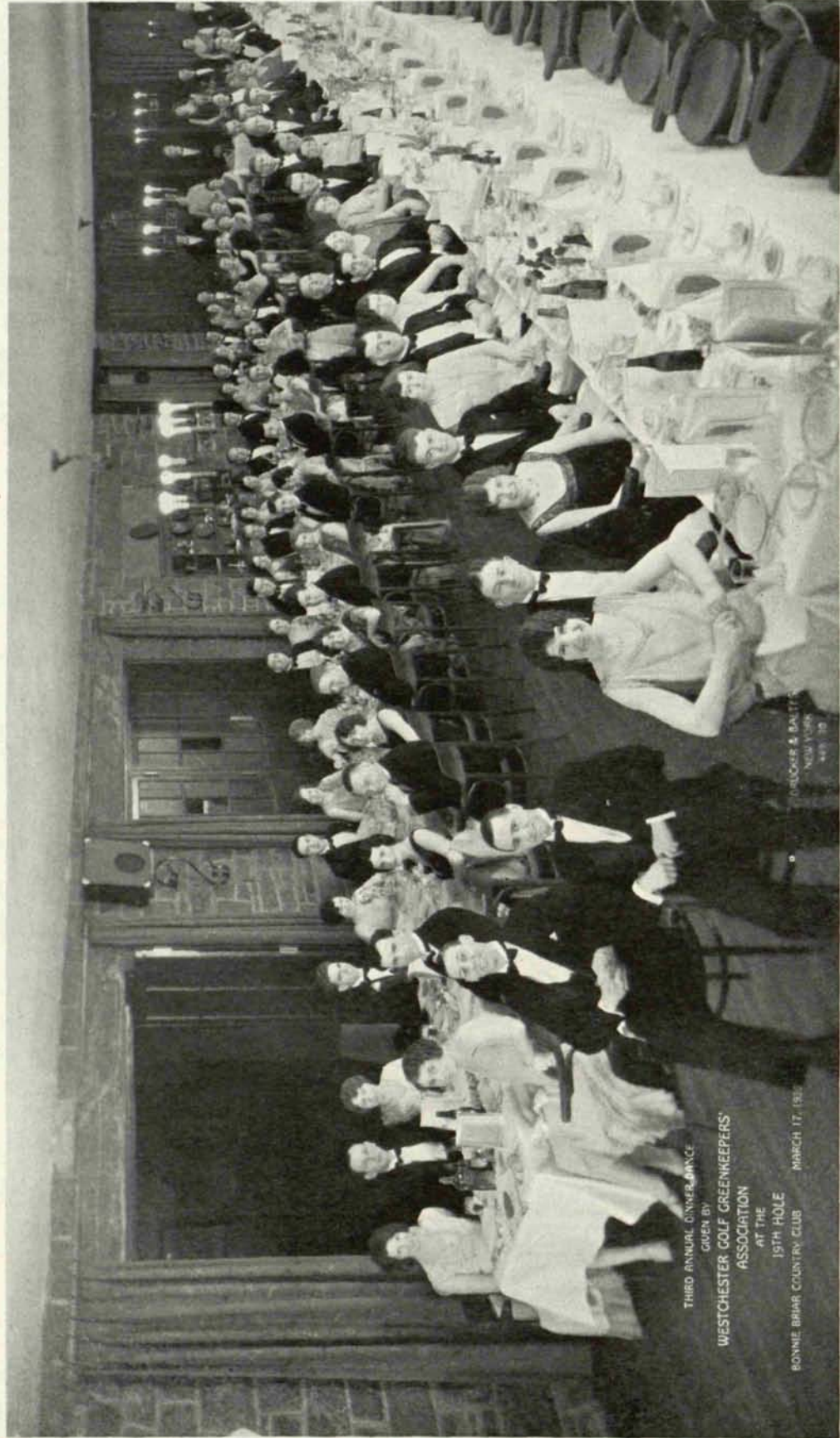
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IDEAL GREENSMOWER

Westchester Boys Make Merry at Bonnie Briar



THIRD ANNUAL DINNER DANCE
GIVEN BY
WESTCHESTER GOLF GREENKEEPERS'
ASSOCIATION
AT THE
15TH HOLE
BONNIE BRIAR COUNTRY CLUB MARCH 17, 1930

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NEW YORK
415 10

Westchester Greenkeepers Dine and Dance

THE annual dinner dance of the Westchester Greenkeepers Association was held March 17th, at the Bonnie Briar Country Club in Westchester County.

The affair was attended by over one hundred couples from the surrounding section who, after an excellent dinner, enjoyed dancing to the strains of an exceptionally fine orchestra 'till the "wee sma" hours of the morning. The beautiful interior of Bonnie Briar club earned the admiration of the visitors and a word of praise is due the club staff for its excellent service.

Mr. Grover, president of the association in the course of his address warmly welcomed his guests and thanked the committee who so ably assisted him. The members of same including, Mr. Robert Hayes, Mr. Joe Butler of Siwanoy and Mr. Hugh McGill of Oakridge, chairman who also addressed the visitors bidding them a hearty welcome and wishing all a good time. Another speaker of the evening was Mr. Robert Hayes of Pelham Country Club who in the course of his remarks said:

Bob Hayes Says

"I am more than happy to see the large and representative gathering here tonight and trust that each and everyone is having a very enjoyable time and will carry away a pleasant memory of this happy occasion. It is indeed encouraging to find such keen interest and hearty cooperation on the part of the Westchester Association.

"I would like to say a word or two tonight relative to the recent Convention at Louisville, Kentucky. It was an unqualified success both from the manufacturers and superintendents point of view, all sections of the country as well as Canada being well represented. A large and varied exhibit of equipment drew the attention and admiration of the visitors, the lectures were extremely interesting and last but not least the Banquet was something to be remembered and how.

"It was decided to hold the next Convention at Columbus, Ohio, the home state of our honored president, Colonel John Morley, who is listening in on this program and who assured

me were it possible he would be glad to be with us here tonight. We are all looking forward to seeing the Convention held in New York in 1932 and to accomplish that end, it is up to us, here in the East to show a keener interest in the National Greenkeepers Association, so let the slogan be, 100% membership in the N. A. G. A. by 1932 and bring the Convention to New York.

Some of the members of the Westchester Greenkeepers Association are; Joseph Schaub, North Pelham; Joseph Butler, Tuckahoe, Louis De Luca, Elmsford; Robert Hayes, Pelham Manor; Thomas Winton, Tuckahoe; William Sterling, Poughkeepsie; Hugh McGill, Tuckahoe; William Grover, White Plains; K. W. Troonsegaard, White Plains; John Pentanaro, Mamaroneck; Fay Price, Purchase; Charles Smith, New Rochelle; Fred Morgan, Bedford Hills; Edward Casey, Rye; Frank Grandolfi, Ardsley; David Rees, Purchase; William Conroy, Tuckahoe; George Nodine, Yonkers; George Richardson, Tarryton.

Plan Now to Irrigate Your Fairways

With BUCKNER'S CALIFORNIA sprinklers. They are standard the world over. We sold more than twice as many sprinklers and valves during March this year than sold during any other month since we have been in business. THERE IS A REASON. Old standards are obsolete. The methods which satisfied formerly are not economical today. We have pioneered all the new improved methods in golf course irrigation. More BUCKNER SPRINKLERS and VALVES are used on golf courses than all other makes combined.

Buckner Manufacturing Co.
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*Leaders in the development of HOSELESS IRRIGATION
for golf courses*



Golf Course Construction *from the* Greenkeeper's Standpoint

By Edward B. Dearie, Jr.
Noted Chicago Greenkeeper and Golf Course Architect

CHAPTER II—Designing the Course

DESIGNING a golf course has only one object—to assist Nature in producing the most satisfactory golf course under the limitations imposed by the site and the financial resources of the club. The purpose of golf course architecture is not so much to remodel the terrain as to cooperate to the fullest extent with Nature.

Nature is the Great Architect. The perfect symmetry and harmony of color and proportion which her handiwork reveals, results in natural beauty which can only be imitated by true artistic vision.

The most satisfactory golf course design is one which cooperates with Nature to produce an arrangement of holes, which will prove a



—International News Photo

18TH HOLE AT LA GORCE COUNTRY CLUB, MIAMI, FLA.
Photo shows the gallery watching "Wild" Bill Melhorn finishing one stroke over Horton Smith