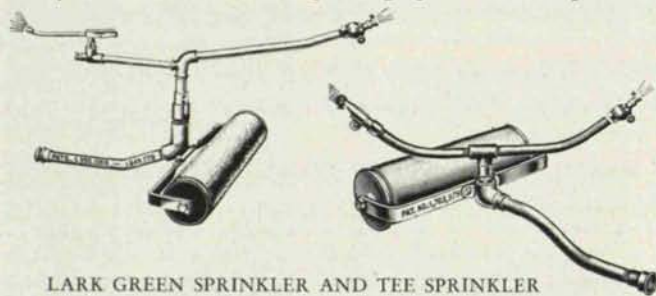


# CHICAGO GOLF SHOW EXHIBITS

## L. R. NELSON MFG. COMPANY Peoria, Illinois — Booth No. 16

**T**HE famous line of Lark sprinklers will be exhibited by the above company at the Chicago Greenkeepers' Show. This season they are putting out a new "Tee" sprinkler which is especially suitable for sprinkling tees and other large spaces around the golf course.

The new Nelson tee sprinkler has an easy rolling base and an even distribution on any pressure. It will cover areas from thirty to one hundred feet depending upon the water pressure.



LARK GREEN SPRINKLER AND TEE SPRINKLER

The regular Lark sprinkler is too well known to need description. It is used on golf courses, estates and public parks in every state in the Union and many foreign countries. Users have found that the Lark sprinkler is extremely dependable and the splendid material used in its construction makes for long life and economy.

## THE OHIO CULTIVATOR COMPANY Bellevue, Ohio — Booth No. 51

**A** NEW lawn mower of distinctive design and appearance is announced by The Ohio Cultivator company, farm implement manufacturers of Bellevue, Ohio, under the name Famous Ohio reversible lawn mower. The feature of this lawn mower which appears most distinctive to the casual observer is the fact that it cuts when it is pulled through the grass as well as when it is pushed.

This is a forward cutting type lawn mower with the flexible ground bar and reel hung forward of center instead of in the rear. The result is that with this mower it is possible to cut right up to walls and edges, which fact does away with the use of a sickle and shears for trimming around the sides and edges of the lawn. Another feature of advantage is the fact that it may be adjusted for the height of cutting by means of a ratchet lever on the handle bar which raises and lowers the cutting bar and ground roller from a height of 1/2 to 3 inches in a fraction of a second. Thus, during the hot season when it is best to leave grass rather long, it is extremely easy to make the necessary adjustments on this mower.

It is also especially adapted for terrace work and the cutting of bunkers on golf courses. In this work the mower is reversed and pushed up the terrace or banking without operating. It is then pulled towards the operator and cuts as it comes down, saving a great deal of labor and energy in this difficult type of cutting.

Due to the general design of the mower and the forward mounting of the reel, the power of the operator is applied very low down on the frame, which results in the ground roller sticking to the ground under all conditions of roughness or when an obstruction is drawn into the reels. The result is that the mower follows the contour of the ground at all times and does not jump or skip over any patches of grass.

## ARMOUR FERTILIZER WORKS

Chicago Heights, Illinois — Booth No. 55

**T**HE exhibit of the Armour Fertilizer Works is solely in the interests of their Special Turf Fertilizer. This product is made particularly for use in growing turf on golf courses, city parks, athletic fields and large estates. It is purely an inorganic plant food analyzing 10% available nitrogen, 8% available phosphoric acid and 6% available potash.

The booth will consist of samples of the fertilizer, as well as the bag and booklets describing the product, and pictures showing the remarkable results that have been obtained. In attendance at the booth will be two representatives of the Armour Fertilizer Works—Messrs. Paul E. Burdett and Girard B. Secker.

Both of these men are thoroughly versed on fertilizers, their composition, and the results to be obtained from the use of the various ingredients. These men are also particularly well qualified to answer any of the problems which come up in the fertilization of greens, tees and fairways.

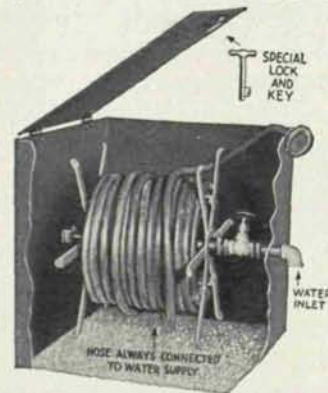
Those attending the Convention are earnestly requested to present any of the problems which they may be having in the production of turf on their own courses.

## McCLAIN BROTHERS COMPANY

Canton, Ohio — Booth No. 58

**M**cCLAIN BROTHERS company will display all of their products at the Chicago show and greenkeepers should be very interested in their practical and labor-saving line. Mr. W. McClain will be in charge of their display, and will be pleased to explain all details.

One of the newest ideas ever brought to greenkeepers is the McClain Hydro-Mixer, which has been developed and patented by the McClain company. It is claimed by the above company that this small bit of equipment will save greenkeepers hundreds of dollars, both in time and labor in the treatment of



McCLAIN UNDERGROUND HOSE LOCKER

greens with fungicides, sulphate of ammonia, fertilizers, vermicides, etc. It reduces the time required for green treatments from hours to minutes and cuts labor expense to the bottom. The Hydro-Mixer allows you to treat an entire golf green by mixing and pumping only 25-gallons of concentrated solution.

This company will also exhibit their Underground Hose Locker which is a much needed piece of equipment. They claim it is a time, labor, money and hose saver. It is a permanent receptacle for the hose at every green and is very ruggedly built throughout of heavy steel. The extra heavy cover permits tractor mowing. It has a revolving metal reel which will hold 150-feet of one-inch hose, which is always connected to the water supply ready to use.

A slight change has been made in the name of Fungo to Fungol. This product, as you know, has been on the market



McCLAIN HYDRO-MIXER

several years for both the control and eradication of brown patch and soil vermin. The above product has been used very successfully in the last few years.

### MILORGANITE—Sewerage Commission Milwaukee, Wis.—Booth No. 13

**T**HAT golf clubs realize the importance of good fairways and greens turf, as a means of holding and attracting desirable player members, is evidenced by the fact that golf clubs used more Milorganite during 1932 than in any preceding year.

The present trend is towards feeding programs of several years duration. Greenkeepers and their chairmen recognize this as the only effective and economical method of improving, and then maintaining turf excellence.

From the very first the Milwaukee Sewerage Commission, manufacturers of Milorganite, recognized the necessity for authentic and trustworthy fertilizer usage, and have maintained a staff of trained and experienced soil and fertilizer specialists to help clubs devise rational feeding programs. Besides personal visits, where needed, our laboratories are equipped to make any chemical tests deemed essential. Our staff will gladly discuss individual fertilizer and general turf maintenance problems with those in attendance at the convention.

Representatives, including V. H. Kadish, Sales Manager; O. J. Noer, in charge of the Service Bureau; and S. P. Graham of the Sales Department, will be in constant attendance throughout the Convention in Booth 13.

### STANDARD MANUFACTURING CO. Cedar Falls, Iowa—Booth No. 18

**O**NE of the best lines of golf course equipment on the market is offered by this company and will be exhibited at the Greenkeepers' Show. This equipment includes Standard steel flagpoles, aluminum hole rims, hole cutters, tee markers, flags and aluminum signs for tees and fairways.

The flag poles are constructed from a special strong lightweight seamless tube, three-fourths inch in diameter, strongly reinforced at the bottom. This flag pole with the cast aluminum hole rim forms a splendid combination of golf greens and assures durability and long life.

### THE BUEL PERFORATOR Woburn, Massachusetts—Booth No. 51

**T**HE Buel Perforator which has been so successful on golf courses the past season will be exhibited by the above company at Chicago.

The makers claim that their Perforator perfects the putting surface, saves in labor, water, and topdressing and will eliminate a large percentage of brown patch and scald.

An ingenious arrangement of an iron-wheel carriage permits the operator to transport the Buel Perforator from one green to another without any complicated adjustments.

### McLAUGHLIN GORMLEY KING CO. Minneapolis, Minnesota—Booth No. 51

**T**HE feature of this exhibit will be Ever Green 20, a highly concentrated standardized pyrethrum plant insecticide, which kills both chewing and sucking insects.

On golf courses it has been particularly efficient in the control of the webworm which has been a pest in many parts of the country during the past two seasons.

The makers state that Ever Green 20 may be used on a basis of one ounce to eight gallons of water and that the cost is less than three-fourths of a cent per gallon of solution.

### BAYER-SEMESAN COMPANY Wilmington, Delaware—Booth No. 17

**A** BOOTH that will be of interest to every greenkeeper is that of the Bayer-Semesan Company. In this booth will be exhibited a continuous motion picture entitled "Golf Hazards." This film tells the story of how brown patch defeats the Green's chairman in a match with his young greenkeeper.

As a result a greenkeeper who has been very successful in preventing brown patch, is called in for advice. He describes the symptoms of the various types of brown patch. Each type



is illustrated by clear-cut pictures. A very unusual feature in the discussion on brown patch is the scene of Rhizoctonia fungus actually growing and producing its mycelium, the cobweb-like growth seen in the morning on dew-covered brown patch spots.

A simple program for preventing and controlling these diseases is outlined and the results of treating are illustrated. Interesting views of courses and some of the sporty greens are shown.

Booklets containing the detailed symptoms of the most important brown patch diseases will be distributed at the booth. There will also be some one attending the booth, No. 17, who will be well qualified to answer the greenkeepers' questions regarding preventing and controlling the brown patch diseases with Semesan and Nu-Green.

### THE C. B. DOLGE COMPANY Westport, Conn.—Booth No. 49

**T**HIS company will have a back drop showing a cross section of a green and the use of various Dolge products on the green.

Among the new items which will be displayed, that is, those that they did not have on display last year, will be Dolco No-mole—a mole killer which has been found to be particularly effective and is extremely easy to apply; also Dolge Alta-Co in small-sized bottles for use in athlete's foot prevention and treatment and which is being handled for resale purposes in golf clubs by the pros more and more.

Alta-Co is also effective in immediately relieving ivy poison-

ing and because of this reason has met with favor with the greenkeepers. For use in the clubhouse rest and toilet rooms there will be on display the new Pervasif and Diffuser, the



DOLGE DEMOUNTABLE SPRAY BARREL

Pervasif acting as a deodorant with an extremely pleasant aroma, the Diffuser being an attractive container in four pastel shades to match the fittings of any room of this nature.

## THE WORTHINGTON MOWER CO.

Stroudsburg, Pennsylvania—Booth No. 36

**T**HE Worthington Mower Company has the reputation of giving continual attention under expert advice to the subject of increasing the efficiency of mowing equipment. Its exhibit this year seems to confirm this, as it will consist of models of their machinery that embody entirely new and important features particularly designed for special, specific service.

As an example the Worthington "Parkover" will be shown for the first time. It has many novel features. One consists of means for raising the mowing units bodily from the ground to the tractor. These units are placed within easy reach for adjustment, as they do not extend under the tractor frame. This accessibility will be recognized as a most important feature.

More than ten years ago the Worthington Mower company patented and built a tractor and mower for park service, having unit-lifting means but at that early date little call existed for a machine of this kind. At present, however, the requirements of the immense park systems throughout the country have brought to the attention of the park commissions everywhere, the desirability of such an apparatus. This machine is equally applicable to golf course maintenance and deserves examination by Green committees and greenkeepers alike.

The well-known Worthington policy of using only light machines on lawns or golf courses is exemplified in their patented lawn tractor. This is claimed to be the lightest, the quickest, the most flexible and most economical tractor of equal horse power, ever employed for golf course or lawn mowing. It has become standard on the most famous golf courses of the country.

The Convertible "Multigang" of seven units cuts a swath sixteen feet wide and mows an acre of grass in less than four minutes. This combination can be instantly changed from a seven-unit gang to a five-unit standard "Quintuplex," or a three-unit "Triple," or a one-unit "Sulky!" Its patented hinged frame permits this machine to be converted in this amazing fashion, practically without any loss of time whatsoever. The remarkable simplicity in design and excellence of workmanship and material of the Worthington standard cutting units, whether for lawn, fairway or putting green mowing have long ago made them famous the world over.

The 1933 Scout Overgreen power putting green mower has undergone some slight changes. The increasing popularity of this machine indicates how indispensable it has become to golf

courses for the present-day economical maintenance of the greens. Its three putting green mowers may be removed in a moment's time and three other substituted that are especially equipped for mowing tees and approaches or confined areas anywhere about the club house or grounds. Many new uses have been discovered for the Overgreen tractor of particular interest to greenkeepers. A new spike disk especially adapted for use on putting greens in combination with this tractor will be exhibited.

The Worthington "Scout" hand mower possesses patented details of construction which increase its effectiveness beyond anything that has heretofore been attained. The new device (patent pending) for the adjustment of the height of cut, is of the simplest construction. This adjustment is made through the use of the fingers alone, without recourse to any tools. The "Scout" is very light but strongly constructed, and cuts a swath of incomparable smoothness. It is these hand "Scout" units that are used on the "Scout" Overgreen with such remarkable results.

The three-section Worthington spike disk which is exhibited fills a most important requirement in modern golf course maintenance and practice. It spikes a path six feet wide and will completely disk and aerate an average 18-hole golf course in less than sixteen hours. For travel over roads, permanently attached carrier wheels lift the spiker clear of the ground. Many authorities agree that disking the fairways with a Worthington disk will improve the quality of the turf to an astonishing degree.

## AMERICAN CYANAMID & CHEMICAL CORPORATION

New York City—Booth No. 52

**T**HIS company will have a good exhibit of their two turf fungicides—Barbak-211 and Barbak-XX.

Barbak-211, is a fungicide with fertilizing qualities which was on the market last year and extensively sold and used by golf courses all over the country. Barbak-XX is a turf disinfectant for control of brown patch containing no fertilizer but with mercury content approximately double that of Barbak-211.

The exhibit will be in charge of Mr. B. C. Culver, who is very well known to greenkeepers, particularly in the Chicago territory.

## MALLINCKRODT CHEMICAL WORKS

St. Louis, Missouri—Booth No. 19

**M**ALLINCKRODT Chemical Works, the manufacturers of this well-known brown patch remedy, Calo-Clor, as well as Calogreen and Corrosive Sublimite, will be on hand to explain



the value of these preparations for brown patch, earthworm and snow mold control.

Interesting data will be available to show the economy and effectiveness of these inorganic fungicides based on experiments and experiences of greenkeepers in different parts of the country.