



# NEWS LETTER

---

---

*Why should we call ourselves men, unless it be to succeed in everything, everywhere? Say of nothing, "This is beneath me", nor feel that anything is beyond our powers. Nothing is impossible to the man who can will.*

—MIRABEAU

---

---

**JUNE**

**1934**

This NEWSLETTER is published monthly by the Greenkeepers Club of New England, and sent free to its members and their Greens' Chairmen. Subscription price ten cents a copy, or a dollar a year.

GUY C. WEST ..... Editor  
312 Mt. Pleasant St., Fall River, Mass.

HOWARD D. FARRANT Business Mgr.  
132 Russett Rd., West Roxbury, Mass.

June, 1934

Vol. 6, No. 6

### DEDICATION

We are pleased to dedicate this issue of the NEWSLETTER to John Shanahan, who has recently completed thirty-one years as greenkeeper at the Brae Burn Country Club, West Newton, Mass. John was particularly honored by the members at Brae Burn on June 13th, when "John Shanahan Day" was observed at the club, and a dinner at night, at which John was the guest of honor, and was presented with a token of appreciation of his long years of service to his club.

John Shanahan was born in Temple-derry, County Tipperary, Ireland in 1864. Coming to this country at the age of 24, he worked for some fifteen years as a stone-mason for the J. Burke Contracting Company. This company was employed by Brae Burn in changing the nine hole course to eighteen. During the reconstruction, Mr. Burke died, and John was chosen to complete the work, and afterwards to become greenkeeper. Since that time, John has become known internationally as the Dean of New England greenkeepers, and his greens have often been cited as some of the best in the world.

In 1924, when the Greenkeepers Club of New England was organized, John was one of the most earnest workers, and was its first president, holding that office for five years. During all the years of the Club, John has done more than any other to promote the best for the Club and for Golf. To this friend of all, and especial friend of all greenkeepers, we are honored to pay tribute.

### M. S. C. GREENKEEPERS' ALUMNI ASSOCIATION

We have at hand various reports from the Secretary of the Greenkeepers' Alumni Association of M. S. C., and are presenting them as of interest to our readers. These reports include a report of the meeting at which the association was formed, a letter from the secretary to the various alumni, and a discussion relative to an endeavor sponsored by the association to establish soil standards for the growth of fine turf grass.

### MEETING OF ALUMNI OF WINTER SCHOOL FOR GREENKEEPERS

held at the

### RECREATION CONFERENCE

AT M. S. C.

March 16, 17, 18, 1934

**Presiding Officer:** Mr. Alec Ellis, Tedesco Golf and Tennis Club.

**Members Present:** 31.

**First Motion**—That an association be formed of all alumni of the M. S. C. Winter School for Greenkeepers to be known hereafter as **The Greenkeepers' Alumni Association of M. S. C.** **Vote**—carried unanimously.

**Second Motion**—That a committee of three members be appointed to submit for the approval of the group a list of officers, including a representative from each class to form a general committee. **Vote**—Messrs. Lindsey, McCullough, Nye.

During the conference of Messrs. Lindsey, McCullough, and Nye, Chairman Ellis presented the organization plans proposed by Mr. Clinton Bradley, class member of 1932 and 1933, and Greenkeeper at the Passaic County Golf Course, Paterson, N. J. In brief, they are:

To organize at the M. S. C. Recreation Conference of 1934, a Greenkeepers' Alumni Association, electing offi-

cers thereto, and a general committee made up of a representative of each class from 1927 on; each man to be one of the outstanding in his class. To support and promote the organization by contributions of used golf balls; the sale of which should not compete with the legitimate business of the Professional. The funds therefrom, to be used to "further delve into the secrets of keeping things green." The direction of which, to be left to the good judgment and discretion of Professor L. S. Dickinson, Agronomy Department, M. S. C.

Mr. Alec Lindsey presented the list of officers selected:

President	Paul G. Wanberg
	Weston Golf Club
Vice-Pres.	Clinton Bradley
	Passaic County Golf Course
Vice-Pres.	Joseph Whitehead
	Middletown Country Club
Sec.-Treas.	William F. Nye
	M. S. C.

#### General Committee

William E. Hannigan	'27
	Burlington Country Club
John Latvis	'28
	Tatnuck Country Club
Emil Masciocchi	'29
	Oakhill Country Club
Harry J. Burkhardt	'30
	Manakiki Golf Course
Henry Toole	'31
	Amherst Golf Club
William F. Mitchell	'32
	Lake Sunapee Country Club
Alexander Ellis	'33
	Tedesco Golf and Tennis Club
Frank J. Tick	'34
	Cohasse Country Club

**Third Motion**—To cast one vote in favor of accepting the proposed list of officers. **Vote**—carried.

**Discussion of Mr. Bradley's plan**—Very acceptable with the following amendments. That, due to the possibility of misunderstanding with the Professional, the proposal of sending in bogie golf balls to the number of five

dozen or more be made optional to the collecting of membership dues. Proposed yearly dues to be three dollars. (\$3.00).

**Fourth Motion**—That dues of \$3.00 yearly be collected by the Treasurer; or five dozen bogie golf balls be forwarded to Mr. Clinton Bradley, Greenkeeper, 46 Monroe Street, Pelham Manor, New York. **Vote**—carried.

The Secretary-Treasurer was instructed:—To notify by letter-invitation all alumni not present at this meeting. To inform the N.E.G.A. of the organization. To promote publicity in Golfing magazine.

Respectfully submitted,

W. F. NYE,

Wm. F. Nye, Sec. - Treas.

Dear Alumni:

You will be interested to learn that during the recent Recreation Conference at the Mass. State College, on March 17, the alumni of the Winter School for Greenkeepers banded together under the direction of Mr. Alec Ellis of the Tedesco Golf and Tennis Club to form the Greenkeepers' Alumni Association of M. S. C.

You, as an alumnus, are eligible to become an active member of this Association, and are, therefore, most cordially invited to join our ranks and reap all benefits derived therefrom.

The main objective of the M.S.C.G. A.A. is to organize and establish a service station at the College, supplemented by demonstration field plots where problems vital to the greenkeeper may be experimented with to satisfactory and practical conclusions. Knowing the value of such plots, you, as a member, will have the privilege of proposing those projects that seem most important and vital toward promoting turf culture today.

Your proposals will receive the direct consideration of Professor L. S. Dickinson and must be approved by President Wanberg and the general committee before being definitely accepted for experimentation.

Inquiries from members will be most welcome and will be submitted to known authorities on turf culture and agronomy for reply.

The yearly membership dues of \$3.00 will be deposited at the State College treasurer's office to form the nucleus of a foundation fund for the projects to be carried out. Having read the enclosed report of our first meeting, you will notice that five dozen bogie golf balls may be forwarded to Vice-President Bradley in place of submitting cash dues to the Treasurer. Please know that the submitting of any bogie balls in conjunction with the yearly dues will be a very acceptable addition to the fund. It was the concensus of opinion at the close of the meeting that prompt payment of dues would mean an early start on the work which will be planned. Upon receipt of your dues, a membership card will be issued to you.

We await your consideration and prompt reply.

Very cordially yours,

W. F. NYE,

Wm. F. Nye, Sec. - Treas.

---

### TO ESTABLISH SOIL STANDARDS FOR THE GROWTH OF FINE TURF GRASS

---

The agronomy department of the Massachusetts State College is undertaking a new and definite project to try to determine the limits of tolerance in the physical structure of soils, and their relationship to turf growing in order to establish a definite soil range.

Professor Lawrence S. Dickinson is directing the procedure.

Hundreds of soil samples from good and poor turf areas must be had. Therefore, your cooperation is solicited by answering the enclosed questionnaire, and by mailing us one or two full size plugs from your poorest turf area and a good area.

The object of this project is to enable us to recommend with a definite degree of sureness what material and the quantity thereof to be added, to place any soil sample within the known accepted range. With such knowledge on file inquiries from greenskeepers will receive more prompt service and accurate analysis of their problems than ever before.

Your willing cooperation will give us a standard from which to conduct ex-

periments of related nature. If enough soil samples reach us there is a real possibility to establish accepted standards for various geographic zones. Such information would be invaluable.

Should your business connections be related to golf course, park, cemetery, or estate maintenance, please consider the questionnaire applicable to that alone, and select your soil samples from the poor and good areas, and mark clearly.

The immediate procedure of this project awaits your prompt action.

Very truly yours,

W. F. NYE,

---

### TWO RECENT BULLETINS

---

Two recent bulletins from the Cornell University Agricultural Experiment Station are of interest.

In a technical paper "Manganese an Essential Element for Green Plants", by Edwin Fraser Hopkins, the author describes experiments with Manganese which show rather conclusively that manganese is an essential element for the growth of green plants.

To all interested in plant propagation, Bulletin 571, "Studies in Plant Propagation" by L. C. Chadwick will be of interest. This bulletin deals with the influence of chemicals, of the medium, and of the position of the basal cut, on the rooting of evergreen and deciduous cuttings.

---

### OLD STUFF!

---

As a sample of what courses were not so long ago, read this, taken from the Yearbook of the U. S. G. A., back in 1898:

"Fall River Golf Club, Somerset Junction, Mass. Organized Sept. 13, 1898. Incorporated 1889. Entrance fee \$5. Membership 250, with large waiting list. Annual dues, \$10.

"Nine holes, total yardage 2490, somewhat stony in places. Greens capable of improvement.

"President, Nathan Durfee; vice president, Edward B. Jennings; secretary, N. B. Borden, Jr."

---

**CHAMPIONS**  
against  
**BROWN PATCH**

**Semesan** **Nu-Green**

Most practical and effective fungicides yet developed.

Semesan and Nu-Green will prevent the development of brown patch as long as any known fungicide. Also, they quickly control the brown patch fungi even under the most severe conditions and aid in restoring the diseased turf to normal health.

**Be Prepared for Brown Patch**

Greenkeepers, knowing how quickly disease can damage turf, should keep an ample supply of Semesan or Nu-Green on hand for prevention and control.

Both Semesan and Nu-Green can be shipped immediately from Boston warehouse. Distributed by:

**BRECK'S**

85 STATE STREET, BOSTON

*Don't Starve the Grass*  
**FERTILIZE and ECONOMIZE**

*with*

**LAN-FER**

**Special Golf Course  
FERTILIZER**

(8-6-2)

**M. F. Lansill**

*Special Fertilizers*

**86 CHARLES RIVER PKY.**

**NEWTON, MASS.**

**Newton North 0992-M**

**NEW ENGLAND GROWN**

**Winter-hardy, Acclimated**

**BENT SEED**

for

**New England Golf Courses**

Direct from the farms of

**A. N. PECKHAM**

**KINGSTON, R. I.**

**Howden**

says. Prices are advancing. Place your orders NOW for fall delivery on Velvet Bent, Colonial and South German Bents, Kentucky Blue and Chewings Fescue and save money on Quality Seeds.

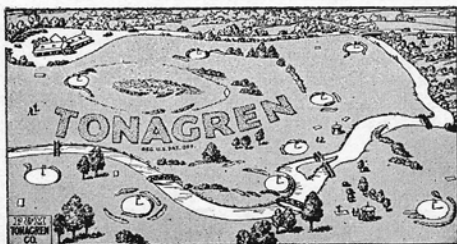
**N. HOWDEN**

*Seed Merchant*

**1131 Washington Street**

**West Newton, Mass.**

**Telephone PARKway 3467**



**"TONAGREN Eliminated  
Brown Patch & Clover**

That's what the Oklahoma City Golf and Country Club said after using TONAGREN on their greens.

Dozens of other golf clubs report similar success with this scientific product.

To prove to you that TONAGREN will stop brown patch and eliminate clover on your greens we now make this special—

**TRIAL OFFER**

Send \$1. for a trial package of TONAGREN—enough to treat 1,500 square feet two times. If after the second treatment, TONAGREN has not secured the results you expect, your dollar will be refunded. Take advantage of this trial offer today.

**P. & M. TONAGREN COMPANY**  
6324 Brooklyn Kansas City, Mo.

"The yardage and bogey figures for each hole follows: One, 315 yards, bogey 5; two, 270 yards, 5; three, 300-4; four, 225-4; five, 220-4; six, 290-5; seven, 280-5; eight, 430-6; nine, 150-3."

**JUNE MEETING**

The June meeting was held at the Marshfield Country Club, Marshfield, Mass. on June 4th. Several of the ladies were special guests for the day.

The results of the tournament were as follows.

**Class A:**

- 1st net, Ed. Ohlson, 92-24-68.
- 2nd net, Ed. Phinney, 86-15-71.
- 3rd net, E. Maschiochi, 75-4-71.
- 4th net, W. Howe, 81-8-73.
- 5th net, T. Mattus, 89-16-73.
- 6th net, J. Oldfield, 89-14-75.
- 7th net, M. O'Grady, 91-15-76.
- 8th net, C. Sowerby, 89-12-77.

**Class B:**

- 1st net, H. Durkin, 102-32-70.
- 2nd net, J. Latvis, 96-26-70.
- 3rd net, J. Johnston, 109-38-71.
- 4th net, Tom Galvin, 99-26-73.

The next meeting will be held on July 2nd, and will be a four ball, best ball tournament with your chairman, (or other club official, if the chairman is unable to attend), as your partner. Three-quarters handicap will be allowed, members to use their handicaps, and partners to use their State handicaps, or certified club handicap. Greenkeepers will be limited to a stroke a hole handicap, regardless of handicap.

Attention is again called to the ruling that the only guests allowed at Summer meetings are club officials and prospective members.

Tom Galvin has recently completed twenty years of service at the Rhode Island Country Club, and was the subject of a lengthy article in the Providence Journal a few weeks ago. Tom is certainly well known by the golfers of Rhode Island.

The Rhode Island Greenkeepers Association meets at the Comstock Park Links on June 25th.

The Board of Directors met with President West at Fall River on June 18th.

**LAWN DAY AT M. S. C.**

We have received from Prof. Lawrence S. Dickinson the program for the annual Lawn Day at the Massachusetts State College to be held on July 24th. This program is of special interest this year to greenkeepers, particularly the trip to the turf plots and Professor White's talk.

**Lawn Day Programme**

Tuesday, July 24, 1934

10.00 A.M. The design and use of a lawn

A. M. Davis—M.S.C.

10.45 A.M. Varied experiences with turf

L. S. Dickinson—M.S.C.

**THE SUPER-DETROIT**

(Wheel Type)



A twist of the wrist guides it.

## If It's a Power Lawn Mower Why Not a Moto - Mower?

The machines that have taken the  
hardship out of labor and  
made it a joy.

Super-Detroit 27 and 63 in. cut  
Standard Model 24 in. cut  
City Model 21 in. cut  
Junior Model 19 in. cut

Also Lawn Master 25 in. cut

Catalog and Full Information  
on Request.

**MOTO - MOWER COMPANY****FACTORY SALES & SERVICE**

165 Brighton Ave., Allston, Mass.—Telephone Stadium 0199

## PFIZER MERCURIAL MIXTURE

 $\frac{2}{3}$  Calomel— $\frac{1}{3}$  Corrosive Sublimate

for

**BROWN PATCH****CORROSIVE SUBLIMATE**

for

**ANGLE WORMS****CALOMEL — Fine Powder**

Made and Marketed by

### CHAS. PFIZER & CO., Inc.

MANUFACTURING CHEMISTS

81 Maiden Lane, New York, N. Y.

- 11.30 A.M. A visit to the turf plots  
L. S. Dickinson—M.S.C.
- 12.45 P.M. Luncheon.
- 2.00 P.M. Soils for turf  
J. W. White, Professor of  
Soil Technology, Penn.  
State College.
- 3.00 P.M. Turf tips, by a turf grower  
Robert D. Pryde, Superin-  
tendent Race Brook C. C.,  
New Haven, Conn.
- 4.00 P.M. Summarizing the day's  
discussions  
L. S. Dickinson—M.S.C.

- The St. Andrews Golf Club of  
Yonkers-on-Hudson by John  
Reid, Pres.
- The Shinnecock Hills Golf Club of  
Southampton, L. I. by T. H.  
Barber, Pres.
- The Country Club of Brookline,  
Mass. by J. Murray Forbes,  
Chair.
- The Newport Golf Club of New-  
port, R. I. by Theo A. Haver-  
meyer, Pres.
- The Chicago Golf Club of Chicago,  
Ill. by Chas. B. MacDonald,  
Captain.

Often when we speak of the United States Golf Association, we are apt to think of this association as something which has been in existence over a long period. It is perhaps of interest to reprint here, as a matter of golf history, the original agreement which preceded the actual formation of the U. S. G. A.

#### Amateur Golf Association of the United States

The undersigned clubs, by their presidents, and subject to ratification by their respective boards of management, do hereby agree to unite, and to invite other clubs to join them, as the

#### Amateur Golf Association of the United States

The purpose of this association shall be to promote the interests of the game of golf, to promulgate a code of rules for the game, and to hold annual meetings at which competitions shall be conducted for the amateur and open championships of the United States.

The times, places, and conditions of such championship competitions shall be arranged at a meeting of the association to be held in New York on the 22nd day of December in the year 1894, at which meeting each club shall be represented by two members, and voting by proxy shall be allowed.

Each club pledges itself to contribute, not exceeding fifty dollars, to a fund which shall provide for the expenses of formation of this Association and for suitable trophies or prizes for the amateur and open championships.

Returns from several more Winter kill questionnaires indicate that the subject is still of interest.

A club a few miles north of Boston reports no trouble with velvet bent, but some trouble with poa annua on the practice green and on one tee. Trouble blamed on snow and ice that drifted and piled up on spots affected. Dead places are being patched, and the importance of keeping grass in good condition, not overfed is emphasized in this report. There should be a good sized turf nursery.

A club in the Providence district reports no damage to greens which were seeded to South German mixed bent, but there was some kill of poa annua.

A club in the Boston district reports some kill between March 14 and 17th, due to ice on some greens which could not be removed. Some damage was also due to poor surface drainage.

Another club in the same district reports heavy damage on two greens and light on four. Velvet bent was not affected. Kill is attributed to frost coming out of the ground very slowly and roots standing in water too long a time. In one case the green was under water. Damaged areas are being sodded, or spiked rolled and seeded. Recommendation is to stop water from side hills from slowly flowing thru greens by carrying it away before it reaches the green.

Still another club in the Boston district reports some damage on most greens, more as a check than a Winter kill. This club is awaiting for the warm weather, also spiking and seeding and keeping areas moist.

All clubs report much more play this year than last.



**Brown Patch Remedies****CUREX**

A new and efficient Brown Patch Preventative and Cure which contains 20% Metallic Mercury. In 100 lb. Drums \$1.45 per lb. and in 25 lb. Drums \$1.50 per lb.

**ALSO**

Semesan

Nu-Green

Calogreen

Caloclor

Barbak XX

Barbak 211

Calomel-Corrosive Mixture

Corrosive Sublimate

If you're interested we'll be glad to mail you pamphlets on the above.

**HOVEY & COMPANY**

150 Milk Street

Boston, Mass.

HAN. 1454

**CYLINDRICAL GRINDING**

Have your reels cylindrical ground:  
They will

**Wear Longer**                      **Last Longer**  
**Have Fewer Nicks**  
**Need Fewer Adjustments**

**Prices:**

Fairway units completely overhauled  
and painted \$10.00  
(cylindrical ground)

30" Reel and Bottom Knife  
together \$4.00

We have an almost new Roseman  
Tractor attachment for sale at  
a very low price.

*We specialize in mower service,  
and solicit your patronage.*

**POWER LAWN MOWER****SERVICE COMPANY**

15 Tenney Court, Somerville, Mass.  
Somerset 0504-W

**Ideal Power Greensmower****Two Sizes—18" Cut, 21" Cut**

The Ideal Power Greensmower which is built in two sizes, 18 inch and 21 inch, has a number of exclusive features that account for its fast growing popularity. Lightest in weight and easiest to operate. Positively will not pack your greens. Does a perfect job of cutting. Due to unique application of power we eliminate all possibility of roller burning or tearing turf. Patented clutch control makes for easy operation.

Powered with 4-cycle engine that is exceptionally quiet and vibrationless and which provides surplus power for the very heaviest cutting.

RUBBER TIRED Transport Cart is furnished as standard equipment. Power driven cart, extra. Brush attachment also provided at slight extra cost.

Authorized Ideal Sales and Service

**IDEAL MOWER SALES and SERVICE**

111 Cypress Street, Brookline, Mass.

Fourteen Distributors of Power and Gang Lawn Mowers met at the Parker House, Boston, June 9th and formed the **New England Power and Gang Lawn Mower Distributors' Association.**

Mr. O. O. Clapper of the New England Toro Co. was elected Chairman of the Association.

The object of the Association is to back up the Code as endorsed by the Manufacturers whose lines are sold in New England thru this group.

This group of Distributors working along the lines of the Code will do much to eliminate;—secret rebates, price cutting, chiselling, special dating and special terms, unwarranted guarantees, and other forms of unfair trade practices. It will promote greater confidence in the Distributer on the part of the fair minded buyer and permit the distributor to make a reasonable profit on his business and thereby remain of value to his trade, the profession and his community.

We are pleased to reprint an editorial from the Boston Post of June 15th:

#### Well Deserved

An unusual honor was paid the other day to a loyal, efficient employee who looked upon his job as one to be done well, when the members of the Brae Burn Country Club feted John Shanahan. As greenskeeper for the famous golf club, Mr. Shanahan has given 31 years of service, and earned the respect of everyone from the club president to the newest novice among the caddies. Fittingly enough, a special tourney was put on in his honor. The key to the character of the honored greenkeeper was found in his response to speeches of praise, in which he said that he was most pleased to be known as an honest man. A man like Mr. Shanahan is richer by far than many with millions.

#### Leaf Spot of Kentucky Blue Grass (*Helminthosporium vagans*)

This is a fungus disease found to be troublesome on Kentucky Blue Grass.

Identification—A reddish cast of Kentucky Blue Grass often develops during May and June. Upon close inspection the tinge or red will be found associated with a browning of small areas of the blades. Usually, unless the spot covers the entire width of the leaf,

there will be two similar spots one on each side of the mid-vein. The fungus often attacks and kills the parts of the leaf as they are emerging. Badly diseased turf rapidly becomes open and unthrifty.

The means for control thus far are limited to cultural practices such as the use of organic or slowly available nitrogen in the fertilizer and cutting the grass high. The use of well rotted manure or such fertilizer as cottonseed meal applied in spring or fall has been found desirable in the experimental lawn plats. The height of cut should be at least 1 to 1½ inches.

Prof. H. F. A. North.

**Webworms** (*Crambus* species) are probably most pestiferous over the blue-grass regions of Kentucky and Tennessee but much damage has been sustained in our velvet bent golf greens. The damage resembles Small Brown Patch. The moths are small and light gray and are most numerous in May, July, and September. Larvae are stone gray or lighter and when full grown are not usually longer than three-fourths of an inch. The larvae cause damage by cutting off leaves of the grass plant at the surface of the ground. They feed at night and hide during the day at the surface in flimsy tubes composed of silk and earth particles. The moths are attracted to light in large numbers from dusk until midnight. They do not feed except upon water and lay large numbers of eggs in the 7 to 10 days of life. Control measure (1) seems to be the best so far devised. The use of a lantern or brighter lamp to be hung over a large pan or tub of kerosene covered water might be worth trying in order to kill the moths from a small area of valuable turf such as a golf green.

#### Control Measures

##### (1) Arsenate of lead

For controlling the Webworm the turf may be sprayed heavily with arsenate of lead. This should not be watered-in. Frequent dosing is needed. Unless an agitating device is used to constantly mix the spray liquid the arsenate of lead will rapidly settle out of suspension thus resulting in an uneven spread. The arsenate of lead is applied as a spray as fine as possible at the rate of two pounds per 1000 square feet and not watered-in.

Prof. H. F. A. North.

## What's Behind Your Success?

With Emerson it has often been a trying matter to watch certain good customers leave us for what they thought was better value elsewhere.

But our success has been built upon just such experiences because that same buyer came back to us when he found what he was getting, and stronger than ever in his conviction in our integrity and values.

When purchasing seed, shopping around for price is apt to get you into trouble. The smart buyer goes direct to the veteran establishment whose success has been outstanding in the field because of its large number of repeat customers.

### THOMAS W. EMERSON CO.

BOSTON, MASS.

"New England's Largest Wholesale Seed House"

## Worthington Mowers

### New Automatic Rocker Dump Body Tractor

Here at last is an honest - to - goodness practical two - in - one tractor. It's a dump-body tractor. It's a mower tractor as well. But being good as one, does not in the least interfere with its being just as good for the other.

You couldn't however, say that much of any other combination tractor. If it was a good dump-body tractor, then there was the body in the way of seeing the cut when used for mowing. To take off those hinged bodies meant manipulating endless bolts. A job so pesky it was seldom done.



All that is entirely overcome with this new Worthington rocker-body. Body is not hinged. It rocks. Held in place by row of pins on the track, that slip into the holes in the rocker. To remove the body, all you do, is just unhook the chain, tip it back and lift off. You don't even need profanity. Two men can do it in two minutes.

To put on, you simply reverse the action. Here then, for the first time is a thoroughly practical double duty tractor. For full particulars send for circular.

**Worthington**  
**Mower**  
*company*

Main Office:  
STROUDSBURG, PA.  
Boston Office:  
1 STATE STREET

*Mallinckrodt*

## Mercurial Products Will Prevent and Control BROWN PATCH

Mallinckrodt's Calomel (Calogreen) is produced by an exclusive electrolytic process which produces a finer and fluffier material than possible to be produced by other known methods. This Calomel (Calogreen) being so finely powdered will be held in suspension considerably longer than ordinary Calomel.

The Fineness of this Calomel (Calogreen) when mixed with Corrosive Sublimate—in the exactly proper proportions producing Calo-clor, will cover a greater area and destroy brown patch quicker than ordinary Calomel.

Better quality justifies higher prices, Mallinckrodt Mercurials will cost you slightly more to purchase but less to use. Write for descriptive folder at once.

Our stock is complete. Packed in 5 lb. packages and 25 boxes. Buy the season's requirements now and save money.

Size Package	Calogreen	Calo-Clor	Corrosive Sublimate
5 lbs.	\$10.00	\$ 8.75	\$ 6.25
25 lbs.	41.25	40.00	27.75
50 lbs.	81.00	77.50	54.00



**NEW ENGLAND TORO COMPANY**

**West Newton, Mass.**

Phone or wire collect.—Newton North 7900. West Newton 1658.