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**Cut  
Mowing  
Costs**

Beautiful  
**FAIRWAYS TOO!**



Timuquana C.C. Jacksonville, Florida

**ROSEMAN**  **MOWERS**  
**FOR IMPROVED FAIRWAYS • BETTER LIES • LOWER SCORES**

**LOWER LABOR COSTS**

Roseman Mowers mow faster, more uniformly without kicking up in the rear. Roller design — no protruding side wheels, permits overhang of traps. Slow costly hand trimming eliminated. Also permits close cutting and eliminates fringe around trees and fences. Narrower over-all width permits mowing in more places.

**LESS DEPRECIATION**

Top quality and provision in design for low cost replacement of all wearing surfaces, make it unnecessary to discard many costly parts. Years of extra service.

**QUALITY EQUIPMENT**

Exclusive non-breakable side frames, Timken bearings, bedknife and cutting reel steels — precision tempered and riveted (not welded) used throughout. Lower repair bills and reliability assured.

In addition to unequalled quality, Roseman Hollow-Roller Drive Mowers develop smoother fairways and improved playing surfaces.

Insist on, buy and use Roseman Hollow-Roller Drive Mowers, the mower used on Championship golf courses.

You will be satisfied with no other.



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EVANSTON, ILLINOIS, U.S.A.

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**FOR BEAUTY,  
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ECONOMY**

**TEE MARKING  
UNIT** .....

available as  
complete  
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parts.



Ball washer • Club rest and plaque mounting bracket • Club rest only • Plaque for club rest or ground setting • Tilting refuse container • Portable base for 2" pipe • Aluminum spherical tee markers • Plastic spherical tee markers • G B W (Golf ball washer) detergent

Extruded aluminum flag pole available in anodized natural color or in baked enamel colors • Numbered hole flags with wire swivels • Cup hole cutter with exclusive lever action plug extractor • Cup made of diecast aluminum (dichromated) • Cup setter

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PAR AIDE DEALER or write:

**PAR AIDE PRODUCTS CO.**  
1457 MARSHALL AVENUE • ST. PAUL 4, MINNESOTA

Sign of the times: Paul Bell, pro at Naples (Fla.) GC, reports biggest winter season he has experienced . . . Particularly lucrative was revenue from use of electric golf cars by players . . . New York City public links players accounted for 650,000 rounds in 1956 on 10 courses . . . Dyker Beach courses had amazing total of 102,000 rounds . . . But '56 wasn't a record year because N. Y. golfers got off to slow start in the spring because of poor weather.

The so-called balloon ball, larger than the one used in England, became standard for American play in the 1931 Open played at Inverness in Toledo . . . Par for Inverness, the site of this year's Open, will be 70 . . . There will be only one par 5 hole, which, says Dick McGeorge, tournament publicity man, will be well trapped and not conducive to birdies.

Tommy LoPresti, pro at Haggin Oaks Municipal course, Sacramento, Calif., is trying a new approach in Par-3 course design in his new Perkins Golf Center operation (Tommy owns this with Frank Dolle) . . . The course, opened in March, is a 1490 yard, 9-hole, par-3 with no tees. Tommy will use tee markers placed on fairways . . . This will give him complete freedom in placing tee areas, more tee area to work with, eliminate worn tee spots and enable him to make the course tough or easy.

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### Model 36 Fertilizer and Seed Spreader with Engine Drive

Spreads uniformly and accurately all types and brands of chemical fertilizers, as well as organic fertilizers and seeds. Particularly adapted for spreading lime and top dressing.



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2 horsepower, 4 cycle Briggs & Stratton engine with recoil starter. Chain driven, 15" diameter wheels and 10" diameter rear swivel wheel. Gear shift for neutral, forward, reverse. Complete information will be sent immediately upon request.

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Most  
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**CRAB GRASS**  
AND **DALLISGRASS**  
CONTROL ever  
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## Read what superintendents say about DI-MET:

*"Our greens were badly infested with crab grass, sedge and dallisgrass. With DI-MET, for the first time, we have control of these weeds."*

**Frank Ward, Supt., Bradenton Country Club**

*"I cannot say enough for DI-MET. My greens had been full of both sedge and bull grass for years. DI-MET cleaned them up 100%. After applying DI-MET, I re-seeded and got a fine stand of grass."*

**A. G. Attaway, Supt., Hollywood Country Club**

DI-MET Liquid covers up to 40,000 sq. ft. per gallon. Available in gallon cans or 5 gallon drums. Applied with LINCK'S LIQUID SPREADER or hand or power sprayers. Effective, selective. Normally requires only two applications for complete control.

**Protect Greens, Tees, Club House Grounds**

### LINCK'S LIQUID SPREADER won't let you make a mistake!

For perfect results, apply DI-MET and other liquids with LINCK'S LIQUID SPREADER. Fast, lightweight, gives uniform coverage. No missed or over-dosed spots. For greens, tees, Club House grounds.

3 Models: *Regular* 4-gal. size illustrated. *Estate* size, covers 10,000 sq. ft. in 12 minutes. *Junior* Model ideal for spot spraying. See your distributor or write direct.

**O. E. LINCK CO., INC.**  
**CLIFTON, N. J.**



## The Very Best for New Seeding

... and It Throws MORE Water, Farther!

Fully Guaranteed



Only Double Rotary has the single, rotating line of water. Not scattering, it reaches farther and rotating, it allows all the water to soak in. No puddling, no run-off.

## DOUBLE ROTARY SPRINKLER

Next Best to Rain,

Model H Double spout style (illustrated) covers up to a 90-foot diameter; less with a turn of the faucet. Best for greatest coverage with higher pressures . . . . . \$19.50  
Single spout style (not illustrated) covers up to 80-foot diameter. Excellent with High, Medium or Low pressures . . . . . \$18.75

PARTS AND SERVICE AVAILABLE

**DOUBLE ROTARY SPRINKLER CO.**

422 ADMIRAL BLVD. KANSAS CITY 6, MO.

Vinton (Ia.) CC announces that Mr. and Mrs. Jack Troupe will manage club this year . . . They come from La Porte (Ia.) CC . . . Open municipal course in Ensley Park, Ensley, Ala., in March . . . \$2½ million Rancho Los Coyotes CC will be central site in big luxury home tract in Long Beach, Calif. . . Charles Latimer, planning construction of Par-3 public course for Ontario, Calif., expects to have it completed this summer.

Citizen's committee urges construction of a new course on a plateau site overlooking Cow Palace in San Francisco . . . 9-hole Palmetto GC opened near Parrish, Fla. . . Parrish is close to Bradenton in case you become lost . . . Key West (Fla.) Citizen urges enlargement of present 9 and construction of clubhouse at city's privately owned course.

Warren Downing goes to Haggin Oaks course in Sacramento, Calif., to be associate teaching pro with Tom Lo Presti . . . Increasing number of new golfers who seek instruction, dictated addition of Downing to Haggin staff . . . 9-hole Lake Texoma State Park course, near Madill, Okla., to be completed soon . . . A. L. Gustin, Jr., Kansas City industrialist, gives \$75,000 to University of Missouri toward construction of an 18-hole course.

Lawton (Okla.) CC adding a second 9 which will be completed this fall . . . Glenn Stuart, former Michigan Central College basketball star, steps into pro job at Pontaluna



## THE RENOVATORE

A combination aerating and renovating machine with a complete differential action that will follow any contour and penetrate heavily matted turf.

Equipped with curved, saw-toothed knives that slice 2-3-4 inches in depth and do not tear the surface.

Send for catalog.

**ROLCOR Industries**

1208 2nd Ave. So., Minneapolis 3, Minn.

# NEW APPROACH TO CHAMPIONSHIP GREENS



One application of new *Borden's 38* controlled-release nitrogen fertilizer lasts the full growing season!

You can start putting your greens in top condition by applying BORDEN'S 38 this spring. This slow-release nitrogen fertilizer insures luxurious, healthy growth the entire growing season without danger of nitrogen starvation during the hot summer months. BORDEN'S 38 can be applied direct or mixed with your top soil dressing. There's no danger of burning when used as recommended . . . even in mid-summer heat.

You'll find BORDEN'S 38 economical, too. Pound for pound, the 38% nitrogen in BORDEN'S 38 costs no more than organic fer-

tizlers containing only 3% to 7% nitrogen. BORDEN'S 38 won't leach or wash away, so it will remain in the soil without replacement. You also save on shipping and storage costs, because one bag replaces several bags of ordinary fertilizers in nitrogen content. And it's clean, odorless, easy to apply.

Take the new approach to championship greens by applying new BORDEN'S 38. If you can't locate a source of supply, write The Borden Company at the address below for the name of your nearest distributor and free descriptive literature.

THE *Borden* COMPANY

CHEMICAL DIVISION • 350 MADISON AVENUE, NEW YORK 17, N. Y.



## NEW YARDAGE MARKER

200

- BLACK NUMBERS

REPLACE TURF

- YELLOW BACKGROUND

- ALUMINUM FRAME

One side gives fairway yardage (150, 200, 250 or 300), other side reads "Replace Turf." Frame 4½" x 9" fitted with two ground stakes. Prompt delivery.

**STANDARD MANUFACTURING CO.**

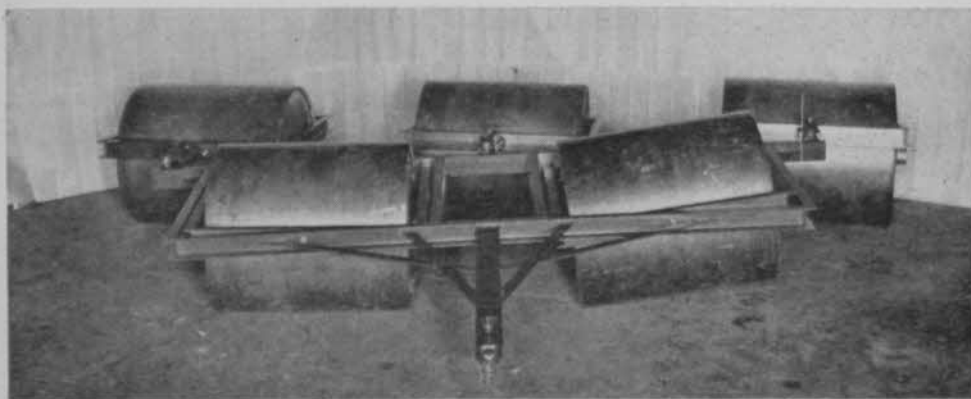
Box G57, Cedar Falls, Iowa

G.C. Muskegon, succeeding Mike Heimler . . . This is the spring golfers around Cheyenne, Wyo., have looked forward to . . . After 20 years, city has decided to seed Airport municipal course greens to grass . . . Blossom Trails, a 9-hole public course, to be constructed near House of David in Benton Harbor, Mich., with project getting underway as soon as the weather permits.

Sol Sosnowitz planning lighted Par 3 on Green Valley CC in Port Chester, N.Y. . . . Desert G&CC, Hesperia, Calif., publishes handsome brochure marking the opening of its new regulation 18 and Par-3 . . . Ray Bearden, who spent nearly 20 years at Santa Anita muni, is the Hesperia pro . . . Members of LPGA troupe went on scoring binge during first two months of 1957, according to Bob Renner, tournament director . . . Ten rounds were recorded in the 60s and 68 rounds were shot in 72 or less . . . Louise Suggs, with a 73.67 average for 17 rounds, led the assault.

Charles J. Stringham, 82, who landscaped the Minehah CC grounds in Sioux Falls, S.D., and served as supt. there for more than 30 years, died recently following a long illness . . . Besides distinguishing himself as a supt., Charley was an avid collector of Indian relics, many of which he gave to the University of South Dakota, and was a founder of the local Audubon Society.

## FIVE-SECTION ROLLER FOR TURF MAINTENANCE



The five-section model covers a 132 inch swath with full oscillation for all sections. Heavy-duty channel steel welded constructed frame connects all sections. Complete with ball type hitch and mudscrapers. Bearings are oil-impregnated, hard maple wood bushings. Standard alemite fittings for greasing. Rollers are formed of 12-gauge steel. Edges are rolled, preventing tracking and turf ripping on the turns. Filled weight 600 lbs. per section. All units are easy to drain and store. Painted rust-resistant dark green. Shipping weight 945 lbs.

**We have one, two, and three-section rollers.**

ALSO AVAILABLE FOR FAST, CLEAN-PLUG AERIFYING — THE NIGHT CRAWLER

Write for nearest dealer's name or write us direct — Immediate shipment

**BERRIEN TOOL & DIE CO. Eau Claire, Michigan**



# THE YORK RAKE

Your all-purpose tool!



## FEATURES THAT SAVE TIME AND LABOR



SPREADS TOP SOIL



MAINTAINS PARKING AREAS



REVERSES FOR BULLDOZING

## The only tool you need for all these golf course jobs

One man operating a York Rake can grade, level and prepare fairway areas for final seeding, build new tees and greens, reshape traps and bunkers and maintain paths and roadways at substantial savings in time and labor. The Rake is highly endorsed by landscapers, park officials and golf course superintendents as a completely versatile tool for new construction and maintenance work.

## Sturdy . . . easy to adjust and operate

The York Rake is built for rugged service. Teeth are heavy-duty, alloy spring steel, individually mounted on spring steel heads. It can be angled to 5 forward and 5 reverse positions for maximum raking efficiency. The operator can raise, lower and tilt the Rake from the tractor seat. Model RE for tractors with 3-point hitch. Other models for lighter tractors.

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**MODERN CORPORATION**  
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# TURF INSECTS with proven CHLORDANE

White Grubs, Cutworms, Ants, Chiggers, Earwigs, Chinch Bugs, Mole Crickets, Japanese Beetle Larvae, Sod Webworms (Lawn Moths) . . . Chlordane kills all of them . . . and prevents mole damage. That's why you can't go wrong with Chlordane . . . it helps keep turf green and healthy, a credit to your good management, all summer long.

To help give your greens and fairways the "cared for" look, use Chlordane to kill turf insects.



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NAME \_\_\_\_\_  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

Recently elected officers of the Northwest GCSA, which has headquarters in Seattle, are: Henry Land, pres.; Ken Putnam, vp; and Bill Alimont, secy-treas. . . . Mario Laureti has been named pro at the nearly completed Darien (Conn.) CC . . . First 9 here will be ready for play on May 15, and the second 9 in the fall, or early next spring.

L. J. (Dutch) McClellan, Topeka (Ks.) CC pro, now selling in newly completed \$16,000 air conditioned shop . . . Royal Canadian and Ontario Golf Assns. now located at new address in Toronto, Ont. . . . It is 170 Bay St. . . . Herman A. Coelho, pro at South Wood CC, Paducah, Ky., reports construction of new 18 started in March . . . Part of old course being lost to new super-highway that will be started in the fall . . . 5th annual N. Y. State Mason's tournament to be held at Stamford (N.Y.) GC, Sept. 6-8 . . . Past records indicate there'll be about 350 entries . . . Alex Antonio goes from Pickaway CC, Circleville, O., to pro post at Squaw Creek CC, Vienna, O., this spring.

If weather isn't cooperating in your sector, don't be discouraged . . . Ralph Bolander who operates Shortholes Course in Vienna, O. says: "Even though we had rain about every other day through spring and summer of '56, our total gross for the year matched that of the previous good season" . . . Gene Hamm, Durham, N. C. architect, designing Par-3

## SOIL TROUBLES?

Poor water-air penetration? Poor water retention? Packed or caked soil (surface or sub-)? Alkalinity?

You can correct them with

## TURF ACTIVITE

Turf Activite is the newly-developed liquid stimulator and director of natural soil processes that is proving so amazingly effective as a soil conditioner.

It facilitates absorption of organic and inorganic substances by soil facilitating their availability for plant growth.

It forms loamy, porous soil for excellent water-air penetration and water retention. It inoculates soil with beneficial organisms, promotes multiplication of beneficial bacteria present in soil. It reduces soil alkalinity — completely accepts any fertilizer you may use and makes it available for plant use.

Write for complete information

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# West Point ATCO Greens Mower



*Lightweight      Easy to Handle      Sturdy*

- 12 blade reel of laminated Sheffield steel
- equipped with Briggs 4 cycle 8B engine
- clip on wheels

Because this mower's reel blades and bed knife are of laminated steel that is not effected by the abrasive action of the soil, the ATCO is especially valuable as part of the "three-step way to perfect greens:"

1. Aerify
2. Verti-Cut
3. Mow with the West Point ATCO Greens Mower

New, improved and backed by the West Point Products organization, the ATCO is worthy of your serious consideration *now*. Send for descriptive literature.

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*West Point, Pa.*

"...A FINE  
FIRM TURF" with  
**AGRICO®**



George Clark,  
Superintendent of  
lovely Uniontown  
Country Club,  
Uniontown, Penna., says:



“ For the past six years I have been using Agrico Country Club and Agrinite on our course and the results have been excellent. We have developed a deeper root system and a fine firm turf on our greens that stands up well under all types of playing conditions throughout the trying summer months. Our greens, fairways and tees maintain a nice deep color that speaks well for the Agrico Fertilizers we use. After six years of using Agrico and Agrinite, which give me a well balanced fertilizer program, I am convinced that I have the right combination to grow and maintain fine turf. ”

**ORDER NOW** — be sure your fertilization program is balanced, too. Use AGRICO Country Club and AGRINITE, the 100% Natural Organic Nitrogen Fertilizer. See your Agrico Dealer or write to THE AMERICAN AGRICULTURAL CHEMICAL CO., 50 Church Street, New York 7, N. Y.

**AGRICO®**

America's Premier Golf Course Fertilizer

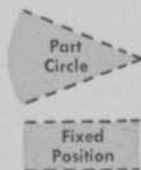
**AGRINITE®**

the Better, 100% Natural Organic Fertilizer

lighted course for Raleigh operators after having recently completed a similar project in Durham . . . Doug Turnesa is another one of those pros who can't wait to get the 1957 season started . . . Briar Hall CC, Briarcliff Manor, N. Y., building new shop for him . . . Doug got peek at the plans recently and says his shop will compare with any in Westchester county.

Putnam CC, Mahopac, N. Y., schedules opening for May 30 . . . Pro end will be directed by the Ford family, Doug, Joe and Mike . . . Supt. is Andy Legakis . . . Norman Cameron, formerly pro at West Bend (Wisc.) CC, has taken over as pro-supt. at South Hills CC, Fond du Lac . . . Don Richards of Spalding's pro golf dept. calls this to our attention . . . At Forrest City (Ark.) G&CC recently, a sevensome had a total of 16 strokes on a par 3 hole . . . Three 3s, three 2s and an ace by Walter Stevens, Jr., made up the tally.

The ever alert Desert Inn (Las Vegas, Nev.) Tournament of Champions publicity arm points out that Bob Rosburg, who will play in the Apr. 18-21 tournament, increased his earning from \$3,700 in mid-July, 1956, to more than \$24,000 for the year . . . It's something of a relief to know that Bob attributes his recovery to improved driving and not a pickup in putting . . . CC of Rochester (N. Y.) earmarks \$230,000 for rearranging course, building swimming pool, and constructing new pro shop.



The most versatile sprinkler ever built. Fast fingertip adjustment of Area Selector converts your Buckner Rocker-Jet from full to part circle or fixed position for long narrow strips. No tools required. Engineered for portable or permanent irrigation systems. Buckner's 3 in 1 Rocker-Jet will solve your watering problems.



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