



Every Season—

Building better turf for more courses

The demand for Vertagreen has grown amazingly, as more and more courses use this fine Armour plant food to improve grass areas. Complete, better balanced Vertagreen is being fed regularly by dozens of leading golf clubs, as well as cemeteries, parks, athletic fields and estates. Wherever plant food *must* pay its own way, the Vertagreen formula has been proven ideal for building thick, vigorous, beautiful turf that stands up better under adverse conditions. Order Vertagreen—use it—see the results for yourself!



ARMOUR FERTILIZER WORKS
General Office — ATLANTA, GEORGIA

How Much is Compost Today?



Of course you don't buy compost over the counter . . . nobody does . . . but cost has become an important factor.

The Royer Compost Mixer will prepare your compost in one-quarter to one-eighth the time needed by manual methods . . . with the resulting reduction in labor costs.

And you will receive rich, properly prepared top dressing that promotes strong, healthy growth. A Royer Compost Mixer shreds and blends sand, humus, dirt and fertilizer into a high quality, uniformly sized top dressing . . . free of sticks, stones and trash . . . ready to be applied to your greens.

Write for Bulletin 46 giving details on the sizes and models available.



ROYER FOUNDRY & MACHINE CO.
171 PRINGLE ST., KINGSTON, PA.

golf course receipts for 1950 were \$41,000 ahead of 1949 . . . Inglewood, Calif. abandons plan to acquire as public course 120-acre plant of Inglewood CC.

Harry E. Krueger now mgr., California GC, San Francisco . . . Club recently celebrated its 25th anniversary . . . Robins Air Force base 9-hole course at Macon, Ga. to be completed in April . . . Hugh Moore, Sr. and Capt. Mark L. Johnson have installed a fine layout . . . Jack Sheridan now in his 15th year at Brentwood GC (NY Met. dist.) used to caddy for Vardon and says Sam Snead is the only other golfer he ever saw who, from time he addresses the ball until he follows thru, looks like the great Vardon . . . So the indefatigable golf reporter, John M. Brennan, records Sheridan.

Employees of Dan River Mills at Danville, Va., form golf club with 9-hole course to be constructed by Dick Wilson of Wilson and Troup, Inc., Miami, Fla. . . . Alameda (Calif.) citizens advisory committee recommends increase in many course fees that will amount to about \$10,000 a year, according to estimate of golf supt. Earl Fry . . . Larry Steffens and wife signed as pro-mgr. team by Sullivan (Ill.) CC.

Two distinguished veterans of American golf, John Duncan Dunn and John Junor, died recently on the Pacific Coast, thin-



The Famous
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IMPROVED
GOLF BALL
WASHER

LOW COST!

BEAUTIFUL! EFFICIENT!

NEW RUBBER CUSHION arrangement in bottom of washer absorbs shocks, adds to life of cleaner.

NEW TYPE FINISH includes third coat of clear plastic. Withstands season after season in any climate.

EASY TO USE — just pull up paddle, insert ball. A few quick strokes leaves ball shining clean, ready for play . . . and fewer lost balls!

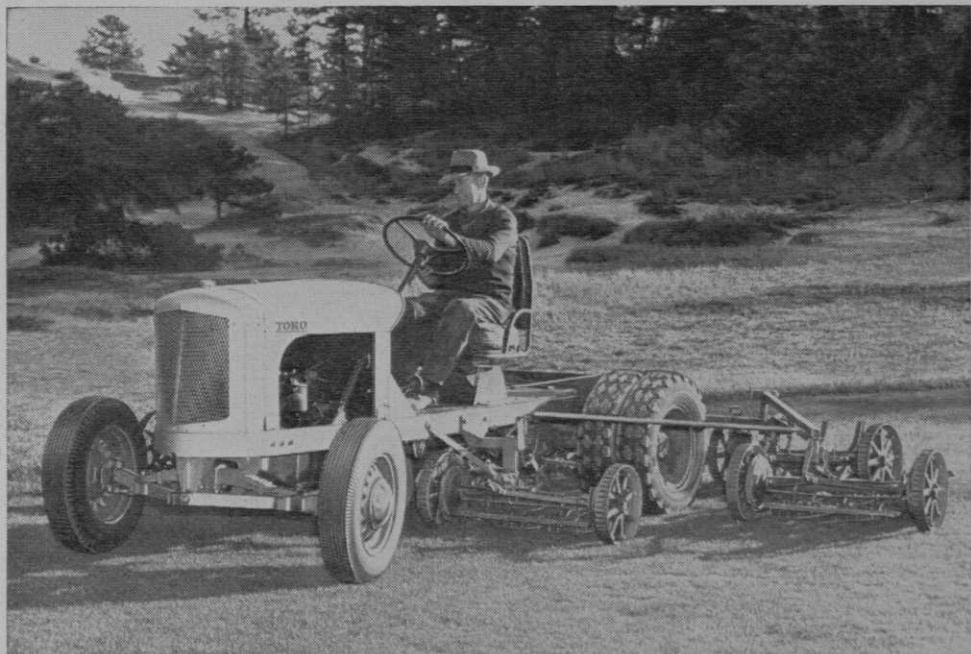
Better Courses Provide
LEWIS WASHERS at every tee



The
LEWIS
MAGIC
SLOT

Order from your dealer now!

G. B. LEWIS CO.
Watertown • Wisconsin



TORO tackles "world's toughest course"



E. R. STEINIGER

Pine Valley, the famous "Valley of Despair" golf course at Clementon, New Jersey, demands the same kind of stamina from its mowing machines as it does from its golfers. That's why Toro equipment is on the job over the rugged terrain—mowing everything from velvet-smooth greens to tree-lined fairways.

E. R. Steiniger, Superintendent of Grounds, writes, "Pine Valley has used Toro equipment for over a quarter of a century. One tractor and seven units which were bought in 1931 are still in use and still in good condition. All Toro equipment has held up in the same manner."

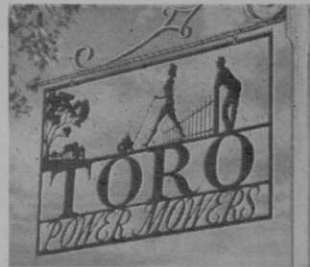
And Toro grass cutting machinery is turning in the same kind of performance on many more of the nation's finest courses. Why not plan to see your nearby distributor soon, and be ready for the years ahead. Toro's got what you need!



TORO ZIPPER sickle-bar mower . . . for cutting weeds, tall grass. Self-propelled traction drive. 36" cutting bar. 1½ h.p. engine. Cuts on banks, close to buildings, under fences and bushes.



TORO PROFESSIONAL. Cuts 15 to 20 acres per day with 76" swath. Convertible to 30" swath. "Out-in-front" reel for close cutting. Forward and reverse transmission. 7½ h.p. engine.



SIGN OF SERVICE . . . and Toro nation-wide service facilities give you fast help and parts delivery. For more facts, write: Toro Mfg. Corp., 3020A Snelling Ave., Minneapolis 6, Minn.

GRASS SEED of "Known Quality"

Tested for Purity and Germination

Velvet Bent
Illahee Creeping Fescue
Alta Fescue
Triple A Bent
Seaside Bent (Coos Co Strain)
Zoysia Japonica

And other turf grasses and mixtures for same day shipment
Quick service on equipment and supplies for the golf course
Brown Patch Remedies and 2-4D Weed Killers

New 1951 Golf Price List on Request

Stump & Walter

Grass Seed, Fertilizers, Golf Equipment

132 Church Street New York 8, N. Y.

ning the grand old legion of Scots who nursed the game in this country . . . Dunn installed and operated the first American indoor golf school in New York City and of recent years was teaching at the Los Angeles A. C. . . . Junor (69) died at his home in Vancouver, Wash. . . . For many years he was pro-mgr. of Portland (Ore.) GC and also served at the Tullatin CC . . . The Junor and Dunn families have made for themselves honored names in golf.

Too bad Jack Burke, Jr. and Clayton Heafner picked up at Long Beach and eliminated themselves from Vardon Trophy race . . . The Vardon Trophy deal needs more of a build-up publically at lowest scoring honor of the year . . . Maybe publicity of standings on tournament scoreboards might help . . . But nothing means nothing except who's ahead in purse winnings . . . Well, that's what counts when you're playing for money . . . Something else counts too, and that's the very fine honorable job the pros have done in keeping the reputation of the game immaculate . . . Spots in collegiate basketball were stinking for years before the blow-off came . . . The fight game is such a haven for disreputable characters it almost makes you vomit . . . Baseball is having its commissioner troubles when Happy Chandler

TURF that Speaks for Itself!

MILORGANITE SCORES AGAIN AT MINNEAPOLIS GOLF CLUB . . .

Contestants at the 1950 National U.S.G.A. Amateur Golf Tournament, which was played at the Minneapolis Golf Club, were enthusiastic in their praise of the excellent turf on the greens, tees, and fairways. While the turf was outstanding during the tournament, it has always been of superior quality. Its fine condition was and is a tribute to the able greenkeeper, Mr. Herbert Cohrs, and to the turf producing qualities of Milorganite fertilizer. This club has used Milorganite generously—in carload quantities—over a long period of time.

Our staff agronomists and Soil Testing Laboratory are available, with limitations, for the asking. For further information write to:



Turf Service Bureau

THE SEWERAGE COMMISSION, Milwaukee 1, Wis.

GOLF CLUBS
USE MORE

MILORGANITE

THAN ANY
OTHER FERTILIZER

If you are planning to buy aerifying equipment

See The AERIFIER*

Effective:

Only the Aerifier provides effective "cultivating action", so different from punching out holes with a hollow tine. The curved, open Aerifier spoons scoop out the soil cores, leaving loose-walled holes. The opening is small at the surface, large underneath. The Aerifier promotes the extensive root growth needed to produce dense, uniform turf.

Adjustable:

Cultivation depth can be adjusted to meet requirements. Repeated shallow aerification can be done to prepare a seedbed; deep cultivation to improve soil and promote root growth.

Easy Operation:

It doesn't take a mechanic to keep the Aerifier running. Operation is simple. It requires only common-sense judgment to use the Aerifier successfully. Can be used on slopes and uneven ground as well as on smooth level surfaces.

Durable:

Construction of the Aerifier is uncomplicated. There are a minimum of wearing parts.

Right Size:

The Aerifier is made in different models. Tractor-pulled Aerifier for large, open areas; self-powered model where greater maneuverability is needed. The Aeri-fork* is available for convenience in making spot treatments.

Established:

The Aerifier has been tried and proved at many golf courses throughout the country. Replacement parts are available promptly. Established distributors assure good service even during times of scarcity.

Ask your local supplier for complete information about the Aerifier products.

Made only by

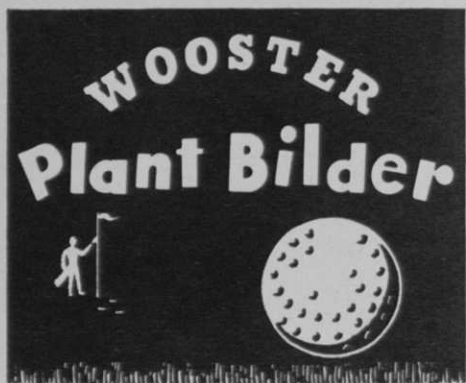
West Point Lawn Products

West Point, Pa.

*Reg. U.S. Pat. Off.

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The Ideal Fertilizer for putting greens

Combining the long lasting fertilizing values of soybean meal and bone meal with other quick acting fertilizing ingredients, Wooster Plant Bilder is a 100% fertilizer of high organic content. No filler — no obnoxious fertilizer odor. Will not burn when applied as directed. Economical, too.

Recommended for newly seeded and creeping bent areas, Wooster Plant Bilder assures a complete feeding of the grass in establishing a thick, deep rooted turf. Also recommended for

- Flowers
- Trees
- Evergreens
- Shrubs
- Roses
- Vegetables



Write for name of
nearest distributor.

The Heeman Manufacturing Co., Wooster, Ohio
For weed infested fairways and lawns use

WOOSTER LAWN BILDER

Same fertilizing ingredients as Wooster Plant Bilder with the addition of 2, 4-D Weed Killer.

learned what it was all about and certain magnates felt the leash binding . . . Pro football has an unsavory association with rackets the Kefauver committee says is the national underworld circuit . . . College football has its worries about who's pro and who's amateur . . . Golf continues unsullied . . . Hallelujah, brothers and sisters.

But listen; there is just too damned much money in some of these Calcuttas to be healthy for amateurs . . . and pros . . . The USGA is absolutely right in trying to crack down on them . . . We don't want those Calcutta winnings to be so high golf will have to do the ridiculous thing done in sports by collecting a reward to be paid to a young colored basketball players for staying honest . . . I should think the kid, who seems to be a stand-up honorable lad, would say, "I appreciate your kindness, but no thanks. I expect to make a living the right way by staying honest." . . . Incidentally, we haven't seen any dope on the scholastic standings of the fouled-out collegiate basketball players . . . Could be that the schools haven't got any too pure position.


Alice and Marlene Bauer, according to Daddy Dave, made \$30,000 in their first year as pros . . . Leonard Dreyfuss, Essex Falls CC, tells John M. Brennan, New Jersey caddies gross more than

Turf-Maker

LAWN SEED

You can't argue with results — and Turf-Maker's popularity is due entirely to the results obtained by Nurserymen and Greenskeepers all over the country. You can depend on Turf-Maker for a deep rooted, perennial turf.

Problems?
Write for Woodruff's "Something about Turf."


F. H. WOODRUFF & Sons, Inc.
Seed Growers
 Milford, Conn., Bellerose, L. I., Atlanta
 Sacramento, Dallas, Mercedes, Tex., Toledo

There is
Only One

PMAS

the proven
**HERBICIDE-
FUNGICIDE**

Product of W. A. CLEARY CORPORATION

Safe

**DOUBLE
ACTION**

Sure

Gives Complete
Control of

- 1 CRAB GRASS
- 2 DOLLAR SPOT
- 3 COPPER SPOT
- 4 PINK PATCH
- 5 SNOW MOLD

DON'T WAIT — Start applications with first warm days for positive turf protection. . .

The dosages of PMAS recommended below may be used under a wide variety of conditions to accomplish desired results. Applications should be made at intervals of 7 to 10 days for most economical use. A single application will kill very young plants, but since more crabgrass seed may germinate, one treatment may not give complete control. Apply with the first warm weather, when crabgrass will germinate. Older crabgrass in mid-summer, may be destroyed before seeding, by two or three applications as described below. Thus destroyed, before seeding, heavy infestation the following season is prevented.

Fairways

Apply at rate of 1 oz. per 400 sq. ft. (3½ quarts per acre)—3 applications at 7 to 10 day intervals. Turf grasses may discolor but will return to normal within a few days. Dilute PMAS with water as necessary to be handled by spraying equipment available. Thus dilute ½ oz. PMAS with 1 gallon of water for sprayer delivering one gallon per 200 sq. ft., etc.

Greens

Areas where grass is cut very closely are naturally more susceptible to injury. On greens cut at an average height of ¼", a smaller dosage of PMAS should be used and more treatments applied to obtain the same results. One ounce of PMAS should be applied for 800 sq. ft. (1¾ quarts per acre). Five or six applications at 10 to 14 day intervals are recommended.

Control of Fungi

Experiments conducted so far, demonstrate that PMAS is an effective bactericide and fungicide. Applications of 1 oz. per 800 sq. ft. at 10 to 14 day intervals will control many common turf diseases, such as copper spot and dollar spot, at the same time it inhibits and controls crabgrass. If you have any special problems, we shall be glad to have our turf consultant call on you for a discussion without the slightest obligation.

TESTED AND APPROVED by Agricultural Experimental Stations at Rhode Island, Rutgers, Cornell, Purdue, and Iowa State. Complete reports are available to you.

Get PMAS from Golf Supply Dealers, or write:

W. A. Cleary Corporation

NEW BRUNSWICK, NEW JERSEY

Created to
fit the needs
of every
green or
fairway!



new
process

VIGORO*

Now goes 1/3 further. Supplies
all the food elements needed
by any grass in any soil!

Soils may vary from one green or fairway to another. But even half-starved soils can be brought up to par with Vigoro. For Vigoro supplies in ample amounts, all the vital food elements any grass must get from any soil — to grow and thrive.

Order Vigoro today — and feed it regularly for rich, thick, play-attracting turf.

*VIGORO is the trade-mark for Swift & Company's complete, balanced plant food.

SWIFT & COMPANY
Plant Food Division
U. S. Yards
Chicago 9, Illinois



\$3,000,000 annually in fees . . . Essex Falls caddy fees cost members \$38,000 a year . . . Toney Penna and Walter Burkemo opened de-luxe new range at West Palm Beach, Fla. . . . New England PGA and Massachusetts GA to have annual tee-off dinner at Statler hotel, Boston, April 12 after NE PGA annual meeting . . . Everett Stuart switched from Meadow Brook CC to be pro at Sankaty Head club, Nantucket, Mass. . . . Jack Gracy now mgr., Hempstead (N.Y.) GC . . . Don Fry, son of Fred X., now promoter, West Side GC, Dos Palos, Calif.

Wonder how wage freeze will affect salaries in golf? . . . Freeze probably would result in switch of a lot of jobs, especially among greenkeepers who, in majority of cases, haven't been getting much or cost of living increases . . . Talk of building course near Beaverton, Ore. . . . Lackawanna County (Pa.) Common Pleas court ruled Apawanna GC was responsible for loss of eye of caddy working on course, although caddy not actually employed on the course . . . Jacksonville (Fla.) Junior C estimates it will cost them \$16,500 to run \$10,000 prize money Jacksonville Open . . . Joe Livingston, Jacksonville Journal sports editor, says event gets more national publicity for city than any other sports event.

Mayor Elmer Robinson and the park and

JUSTICE PLUG EJECTOR GIVE 'EM AIR!

This tool promotes root development and relieves compaction of greens. Ideal for use before adding soil conditioners.

DAVE W. JUSTICE
501 S. W. 44th St.
OKLAHOMA CITY, OKLA.



recreation commission of San Francisco being pressured by petitions from local citizens and outlying golf clubs to name new municipal nine hole golf course in Golden Gate Park in memory of the late George MacRae . . . requests ask that new course be named either "MacRae Memorial Course" or "MacRae Meadows" in honor of the man who was for many years the USGA Public Links representative and did a great job for the promotion of many golf in the bay area . . . Cecil Hollingsworth and Gomer Sims have new clubhouse and golf shop to begin second year of business at their Alondra Park (Calif.) CC development.

Salt Lake City's Nibley Park course opened for public play Feb. 10 . . . earliest opening in history . . . Alex McCafferty is pro . . . Many improvements being made at all SLC courses . . . All tees being improved and enlarged . . . McCafferty has new pro shop . . . work under way on new starting house at Forest Dale . . . clubhouse to be remodelled later as well as clubhouse at Bonneville, according to Warren White, parks boss.

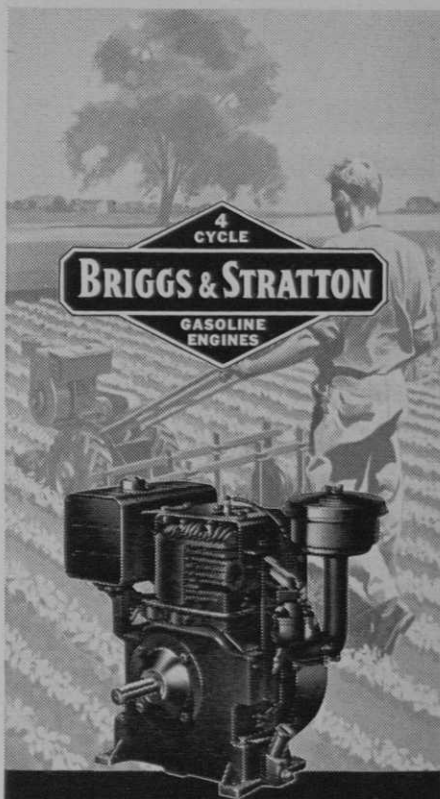
Three courses suffer as rivers flood Seattle area . . . section of Maplewood GC east of Renton torn up to obtain sand for sandbagging Cedar River . . . Earlington GC under several feet of water . . . Only six holes of Foster GC remained playable as main current washed down 17th and



**AMERICAN
PLAYGROUND
DEVICE CO.**

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WORLD'S LARGEST MANUFACTURERS
OF FINE PLAYGROUND, SWIMMING POOL
AND PHYSICAL FITNESS EQUIPMENT
★

ANDERSON, INDIANA



Preferred power for garden tractors and a wide range of other agricultural equipment — the world's most widely used single-cylinder gasoline engines on machines and tools for industry, construction, railroads, oil fields, etc., and on appliances and equipment for farm and home.

"PREFERRED POWER" for home, farm, and industrial equipment — powered by gasoline engines. Briggs & Stratton Corp., Milwaukee 1, U.S.A.

In the automotive field Briggs & Stratton is the recognized leader and world's largest producer of locks, keys and related equipment.

Get DUAL CONTROL CRABGRASS and FUNGUS

with 10%

TAT C-LECT

Dollar Spot
Copper Spot
Leaf Spot
Small brown
patch



CRAB
GRASS

only

Cost per
application

73¢

per green
of 5,000 sq. ft.

This proved, economical, *combination* control prevents crabgrass and fungus from getting a start . . . is easily applied . . . costs little per green per treatment.

START four weeks prior to normal crabgrass emergence (April or May, depending on locality). Apply every seven days during the first month, then at 10-day intervals for balance of season.

FOR AN AVERAGE GREEN of 5,000 sq. ft., use 6¼ ounces of 10% TAT C-Lect in 80 gallons of water.

RESIDUE IN SOIL builds up . . . mercury kills crabgrass as seeds germinate and *in addition* controls turf diseases.

FOR NEW SEEDINGS use the same procedure, but do not start until 10 days after grass emerges.

ORDER NOW from your distributor . . . or we will ship direct and bill through your distributor. Estimate season's needs and take advantage of these low prices:

Single gallons	\$17.35 ea.
Cases (4 gallons)	15.40 per gal.
5 gallon drums	14.90 per gal.

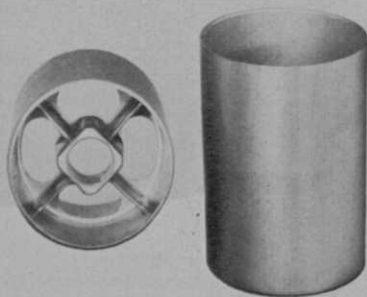
O. E. Linck Company, Inc.
Dept. G3 Clifton, New Jersey

18th fairways. Completion of Pocatello (Idaho) G&CC's new clubhouse assured by City Development company OK of loan from stockholders . . . clubhouse has been two-thirds completed.

N. Y.-Conn. Turf Assn. holds afternoon meeting Feb. 14 to beat old man winter from cutting attendance . . . popular move with members . . . W. A. Roberts elected pres., Allis-Chalmers Mfg. Co., succeeding the late Walter Geist . . . It's a girl for the Paul Bells, Arsenal GC, Rock Island, Ill., wintering in Naples, Fla. . . Roberto de Vicenzo, Argentine top professional, flying to Mexico and U. S. . . first appearance here will be Miami Beach Open in which he was a money winner last year . . . Frank Metzger going to Red Run GC, Detroit dist., to be asst. to Frank Walsh . . . Metzger now at Miami Shores where he has been for four years following 38 months in the service. Walsh hiring Marshall Benjamin, local athletic director and supervisor of sports activities at three schools, to coach and supervise Red Run caddie department . . . first activity scheduled before season opens is a bird house building contest . . . Prizes to be offered and all birdhouses bought from the boys.

Kelly Cook, starting 16th year as supt., Willow Wood GC, Hinton, West Va. . . Black Knight G & CC, Beckley, W. Va., recently purchased by members from Ra-

TRU-CIZE HOLE CUP



TRU-CIZE HOLE CUPS Are Best Because:

1. Made by the new "Precise Die Cast" method, accurate to a few thousandths/inch.
2. Made of 99% pure zinc — rust proof.
3. 25% lighter than cast iron cups.
4. Years of use on hundreds of golf courses have proven their superiority.
5. They comply with USGA Rules and Measurements.
6. Cup tapered 1/8 in.
6. Built with particular attention to high quality; stronger pole sockets; drainage and smoothness, inside and out.

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