BECAUSE it is light and easy to handle...

Triangle Flexible Plastic Pipe is amazingly light! Crew's time and effort is reduced to a minimum. The pipe can be moved to new spots at will. Being flexible, it goes around obstructions. Obviously, a pipe so much easier to handle means important savings.

BECAUSE it won't rot, rust, corrode or freeze...

Thousands and thousands of feet of ordinary golf course pipe have to be replaced annually because of corrosion and rust, among many common failures. There are no such drains on your maintenance budget when you use Triangle Flexible Pipe. This pipe is guaranteed against rot, rust and corrosion. In addition, because Triangle Flexible Pipe expands with freezing water, the frost line presents no problem.

BECAUSE it is tough...

Triangle Flexible Pipe can take a beating. It can be dragged over rough terrain and it can be buried shallow or deep. Moreover, it can take pressure. Every coil of Triangle Flexible Pipe is thoroughly tested to far exceed its rated working pressure.

TRIANGLE Plastic Pipe is a Natural for your course

Why don't you try this remarkable pipe? The men who handle it will be enthusiastic and you will soon see marked savings on the course budget. Try it — and prove it to yourself.

PLASTIC PIPE DIVISION
TRIANGLE CONDUIT & CABLE CO., INC.
New Brunswick, New Jersey

Sponsors of the Triangle Invitation Round Robin Tournament for Leading Women Professional and Amateur Golfers.
Cascades Country Club, Virginia Hot Springs, Va. — June 3-6
infant growing pains... And without making a habit of the sort of brawls that have given bad publicity to the men pros' tournament circuit growth... After all it is the "Ladies" PGA... And so far as we have seen the girl pros are ladies, with the poise, judgment and manners implied by the identification of "lady."

Club manufacturers and home club pros who sell women's clubs and have yielded large amounts to lady tournament golfers and women's golf promotion are puzzled by being blamed for Ladies' PGA teapot tempest... Don't believe passing the buck to them promotes more money for women pro golfers.

Women's play and, at last, women's club sales have been showing substantial increase... Sales ratio still short of women's play increase at majority of clubs, pros say... Pros also remark that shafts on women's clubs should be longer as young women are much taller than preceding generation.

Shortage of name stars for tournament appearance serious problem in men's pro golf as lately disclosed by cancellation of Inverness Round Robin, for 19 years a pro invitation fixture with the club picking up all expenses and all players getting prize...
The Combination that Counts!

the surface  the soil

**VERTI-CUT**

The Verti-cut is a new machine, but an important one. There is a need for the Verti-cut on every grass putting green. Superintendents will recognize that the Verti-cut reduces the disease problem. It removes the excess surface material that harbors disease organisms. Golfers will appreciate the improved surface created by Verti-cutting. The Verti-cut eliminates graininess and provides the perfect putting surface demanded by the golfers.

Taking care of the surface is only part of the job. Soil is the foundation for the turf. A well-developed root system is necessary to support healthy top growth. Use the Aerifier frequently to renew soil structure. The Aerifier's patented “cultivating action” provides ideal conditions for vigorous root growth. Loose-walled openings carry water, fertilizer and air into the soil. “Cultivating action” loosens soil in the rootbed. New roots are able to penetrate the loosened soil and develop fully.

The Aerifier and the Verti-cut are an essential combination of tools to maintain turfgrass in the soil and on the surface.
A new elm is born

- Column-like stature
- Sturdy and ample crotches
- Strong anchorage — compact root system
- Vigorous growth — large leaves
- Great indestructibility to storms
- Allows sun to get to grass.

Greenkeepers have found this popular new elm variety ideal for enclosures, avenue and fairway borders, wind breaks, and boundary markers. For beauty and economy, it is unexcelled. Each scion produced by grafting so that all have the identical features of the original. Write to us for information. Publication "A New Elm is Born," sent on request.

Augustine Ascending
Elm Research Association
932 East 50th St.
Chicago 15, Ill.

Money... Inverness has been having too much trouble to get an all-star field to continue the event.

Claude Harmon to write a book... With Claude's experience as developer of famous member talent at Winged Foot and Seminole, and club's he's served previously, his grand job in developing young pros he's had as assistants, and his own tournament record, the book job should be highly interesting and informative.

Wm. Johnson,upt., Los Angeles (Calif.) city courses advising Southgate (Calif.) on construction of its 9-hole 1100 yd. pitch-putt course... Johnson says Los Angeles experience with Los Feliz 1088 yd. 9-hole pitch-putt is awakening other municipalities to pitch-putt as an enthusiastically welcomed addition to municipal recreation facilities... And as one that pays for itself and finances additional muny recreation facilities... Los Feliz cost about $11,000 for building and landscaping (using city equipment) and another $11,000 for lighting... First 8 months play was 43,280 with about $25,000 gross income... Johnson says on big reason southern California is leading the nation in work to correct shortage of golf facilities is that park and recreation officials and golf course supts.

Money... Inverness has been having too much trouble to get an all-star field to continue the event.

Claude Harmon to write a book... With Claude's experience as developer of famous member talent at Winged Foot and Seminole, and club's he's served previously, his grand job in developing young pros he's had as assistants, and his own tournament record, the book job should be highly interesting and informative.

Wm. Johnson,upt., Los Angeles (Calif.) city courses advising Southgate (Calif.) on construction of its 9-hole 1100 yd. pitch-putt course... Johnson says Los Angeles experience with Los Feliz 1088 yd. 9-hole pitch-putt is awakening other municipalities to pitch-putt as an enthusiastically welcomed addition to municipal recreation facilities... And as one that pays for itself and finances additional muny recreation facilities... Los Feliz cost about $11,000 for building and landscaping (using city equipment) and another $11,000 for lighting... First 8 months play was 43,280 with about $25,000 gross income... Johnson says on big reason southern California is leading the nation in work to correct shortage of golf facilities is that park and recreation officials and golf course supts.

A few quick strokes of this paddle won't count against your score. A clean ball clicks off par far better than the penalty of lost balls too dirty to find.

HOW TO MAKE A HAPPY GOLFER

Better-than-ever Lewis Ball Washers are ready to come to the aid of the golfer. Up goes the paddle, in goes the ball, and in a few quick seconds, you're ready for the tee-off.

Better-than-ever Lewis Ball Washers are ready to come to the aid of the golfer. Up goes the paddle, in goes the ball, and in a few quick seconds, you're ready for the tee-off.

WEATHER WINNER

Two "stick-fast" coats of paint shielded by an all weather-protector plastic. Any season... year after year... ready to keep your golfers happy.

KEEP YOUR PATRONS SATISFIED
Order from your dealer now!
A single application of this powerful insecticide controls the major turf pests for years.

Here's a sure way to save labor and expense on large scale applications of insecticide to turf. Use dieldrin and get sub-surface turf pest control for years on end with just one application!

Count on dieldrin to stop Japanese beetle grubs, white grubs, lawn chinch bugs, ants and other turf destroyers. Dieldrin is easy to use and will not harm the finest grass.

It comes in four formulations. The one you use depends on the application equipment you have.

Dieldrin Granules: The latest formulation, dieldrin granules, can be applied in combination with fertilizer. Or in clay or tobacco carrier they can be applied as a separate application. Dieldrin granules are easy to apply and they get down to the roots where the pests are.

25% - 50% Dieldrin Wettable Powder: For use in high volume sprayers where large quantities of water are used. Ideal for application to large areas.

1.5 lb. Dieldrin Emulsible Concentrate: For low volume sprayers only requires a fraction of the water required in larger equipment for greater economy in applications to smaller areas.

Dieldrin Dusts: For use with conventional dust equipment dieldrin dusts are even-textured and smooth-flowing.

Regardless of which formulation is best suited to your needs, you can depend on dieldrin to do the job. Technical information on dieldrin is available. Please write to:

SHELL CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS DIVISION
CHEMICAL PARTNER OF INDUSTRY AND AGRICULTURE
P.O. BOX 1617, DENVER 1, COLORADO

Atlanta • Houston • Los Angeles • New York • San Francisco • St. Louis • Jackson, Miss • Portland, Oregon

February, 1954
A Beautiful Turf Begins Here!

CHLORDANE
SOIL PROTECTION

Your turf can only be as beautiful as your soil will permit it to be. A soil infected with harmful lawn insects can seldom produce a healthy, attractive turf. That's why control of lawn insects with Chlordane is so important.

Chlordane controls ants, chiggers, white grubs, earwigs, chin bugs, mole crickets, Japanese beetle larvae and sod webworms or lawn moths. Talk with your supplier today about positive soil protection with Chlordane.

VELSICOL CORPORATION
Division of Arvey Corporation
General Offices and Laboratories
330 E. Grand Ave., Chicago 11, Ill.
Export Division
100 E. 42nd St., New York 17, N. Y.

are teamed in supplying help to each other and to others who want to build golf facilities.

Miami, Fla., now plainly showing effects of course shortage... Thousands who formerly spent winter months in Miami with golf as big attraction now spending their money elsewhere in state due to crowded condition of Miami area courses... There's talk around Miami and Palm Beach about prospects of an ultra-exclusive Jewish club, with course in the Pine Valley class, being built in south Florida.

Bill Wallace, Miami (Fla.) News golf writer, who's about in the sprightly veteran golf scribes' class with Scotty Chisholm and Runcie Martin, outsmarted all other golf writers last summer but didn't get much credit, outside Florida, for his feat... Fairway Bill had a strong hunch after the second round of the British Open that Hogan would win and put in a trans-Atlantic telephone call from Miami to Carnoustie for Ben... Bill got the connection when Hogan came into the Carnoustie clubhouse and beat the world on an interview which was relayed by radio through South Florida.

Certainly no indication of Florida resort business being off is shown by Tommy Ar-

The Smallest Slice of your course expenses can make The BIGGEST difference

Do your golfers wind up every round praising your turf? If you're not getting your share of compliments, you ought to check that vital 5%—the average course budget expenditure for seed. It's mighty important to spend that slice wisely for top quality.

Call upon Mock's for the newest developments in turf grass seed, sold either pure, or mixed to your special formula. Your inquiry will receive immediate attention... your needs will have Mock's specialized service.

MOCK SEED COMPANY
PITTSBURGH 30, PA.
All Putting Greens Are Mowed With Hollow-Roller-Drive Mowers. Why Not Give Your Fairways The Same Benefits.

Improved Fairways
Smooth, uniformly cut putting-green surfaces are the result of mowing with roller-type green mowers. This same desirable quality can be had in your fairways by using Roseman Hollow-Roller-Drive Gang Mowers.

Lower Labor Costs
Roseman Mowers mow faster, more uniformly without kicking up in the rear. Roller design permits overhang of traps — slow costly hand trimming eliminated. No protruding side wheels permits close cutting, eliminates fringe around trees. Narrower overall width permits mowing in tight places.

Less Depreciation
Top quality, nonbreakable materials mean reliability and long life. Added life means less depreciation — lower cost every year.

Quality Equipment

NATIONWIDE SALES AND SERVICE

ROSEMAN MOWER CORPORATION
EVANSTON, ILLINOIS U. S. A.
STANDARD EQUIMENT

NEW "NYVANE" FLAG

"CANNOT WHIP OR FLAP"

Made of color fast nylon fabric with spring steel wire in binding edge to keep it stretched tight. Write for folder and prices.

Standard Manufacturing Co.
Box G, Cedar Falls, Iowa

PGA National course finally in fine condition . . . Comment during PGA Seniors' championship cheerful and ambitious . . . Pros' learning that southern course maintenance on sandy soil needs lot more fertilizer than northern courses . . . That means more maintenance expense . . . Course looks well groomed, too, with trimmings now looking like private courses of PGA members . . . White Florida sand in bunkers would help a lot as classy trimming but that will come.

PGA figuring on naming holes on its National course at Dunedin after pros in its Hall of Fame.

Biggest gathering of senior pros (and boy pros under 50) ever assembled was at Dunedin late in January . . . Teacher's Scotch whisky sponsorship of PGA seniors

mour's lesson book at Boca Raton . . . The Silver Scot's got more than three times the lesson applications that can be handled in available time all through the season . . . Armour's book "How to Play Your Best Golf All the Time" continuing to increase its record as biggest selling higher-priced book . . . Japanese edition now in its second printing . . . British edition appearing this spring.

PAIRED FOR PEAK PERFORMANCE

Peerless 600 Mower Grinder

The most accurate sharpener ever built! Best for precision grinding of any reel type mower, from the smallest edger to the largest power or fairway mower. No disassembling of mower necessary. Engine, handle, wheels remain in place on the mower during grinding. Equipped with attachment bar for grinding both the face and edge on bed knives. Offered with gravity feed or hand crank for accurate grinding. Adjusts instantly for hook or straight line grinding. Reconditioner provided for lapping-in operations. It's the fast, easy way to keep your mowers sharp.

Simplex 100 Portable Lapping Machine

Designed to recondition any reel type mower quickly and with minimum of effort. Will run in either direction. Can be used anywhere that a source of electric power is available. Reduces sharpening costs. Keeps mowers in top condition between grinding jobs.

For further information, write to:

THE FATE-ROOT-HEATH COMPANY, Dept. G-2-P, Plymouth, Ohio
For FAST, CLEAN-PLUG AERIFYING you need the POWER DRIVEN, VERTICAL TINE ACTION OF THE NEW Model 54 FERGUSON GREEN AERIFYING MACHINE

12 important improvements with these 10 advantages:

1. No damage to putting surface. The Night Crawler can be used any time.
2. More holes per square foot.
3. Deeper penetration under all conditions.
4. Fast (18 greens in two days).
5. Clean cutting tines will not transplant crabgrass and Poa Annua.
6. Turns around on green while in operation.
7. No mechanical clutches — cam operated from one lever.
8. Climbs steep banks and approaches.
10. Straight-in straight-out aerification.

Works turf improvement wonders wherever it is used. Write for the name of the Night Crawler dealer nearest you.

TWO OUTSTANDING ROLLERS FOR TURF MAINTENANCE

3-SECTION ROLLER

An 80 inch roller with full oscillation for all sections. Water ballast 12 gauge welded steel rollers with rounded edges. Sand and dirt resistant alemite equipped hardwood bearings. Filled weight 600 lbs. per section. Frame of heavy welded steel construction complete with ball type hitch and mud scrapers. Painted rust resistant dark green.

2-SECTION ROLLER


WRITE FOR NEAREST DEALER’S NAME OR WRITE US DIRECT IMMEDIATE SHIPMENT

BERRIEN TOOL & DIE Inc. Eau Claire, Michigan

DIVISION OF SOUTH BEND SCREW PRODUCTS, INC., SOUTH BEND, IND.

February, 1954
Inquiries for quotations and special analyses of grass seed are handled quickly. Any usual or unusual grass condition peculiar to your area may require a particular knowledge of seed habits based upon tests in different sections of the country. Our results of such tests are yours for the asking.

The larger users of lawn seed ASK WOODRUFF and rely upon Woodruff answers.

F. H. WOODRUFF & SONS, INC.
Milford, Conn. Toledo, Ohio
Bellerose, L.I. Atlanta Sacramento
Dallas Salisbury, Md.

Bertie Way at Dunedin showing belt buckle inscribed “Our best to the best” from Mayfield CC (Cleveland dist.) given him by Mayfield’s Women’s Golf Assn. on his 80th birthday last August . . . Also an autograph book packed with delightful sentiments . . . Bertie played 18 in the Seniors’ championship . . . He built the Euclid course at Cleveland in 1900 shortly after arriving certainly provided money to draw the crowd . . . Congenial tie-up, too . . . Plenty of the beloved old Scotch pros certainly proved that Scotch whisky was not necessarily fatal and, taken in doses allowing the patient to remain horizontal, contributed to life, liberty and the pursuit of happiness.

Remember auld lang syne when the late Nipper Campbell’s club at Dayton, O., had the “Committee to Keep Nipper Sober” . . . Committee members would come home flying blind and tell their wives they had been attending committee meetings . . . And wee Nipper had been home reading Burns poems . . . Some of those old guys used to play championships with hangovers that would have won the New York golf writers’ award for “having overcome the greatest physical handicap.”

Apply PMAS Now To Control SNOWMOLD

PMAS has been proven out to the great satisfaction of Golf Course Superintendents who had found SNOWMOLD tough to control. Ranked high by National Turf Fungicide Trials, PMAS is used more and more for sure, economical control of SNOWMOLD as well as:

HELMINTHOSPORIUM-CURVALARIA,
COPPER SPOT, DOLLAR SPOT,
BROWN PATCH, PINK PATCH and
CRABGRASS

W. A. CLEARY CORPORATION
NEW BRUNSWICK, NEW JERSEY

"So nice to see you in Miami . . . you’ll really appreciate DOUBLE ACTION once you start regular use of PMAS on Greens and Fairways"