



L. A. Young Golf Co., Detroit, Mich., held its 1935 sales convention August 22-24, at the Wing Lake estate of Pres. L. A. Young. Here in a spacious pavilion fronting on the lake, the 1936 Hagen line was presented to the sales representatives of the company by Vice-Pres. E. E. Chapman. The meeting wound up with a golf tournament at the Red Run GC, followed by a banquet at which Walter Hagen officiated as toastmaster.

ment and no extra equipment to buy are other salepoints.

UNITED STATES RUBBER CO. has applied the lessons of cord tire construction to golf course hose in a successful effort to offset harsh treatment hose gets in course maintenance. Results of this work feature the golf course hose US presents for 1936 budgets.

J. A. Muller, of the company's hose division, names as leading features of this manufacturing development: a substantial increase in burst resistance, increased resistance to external abuse, increased flexibility, and greater strength and durability at couplings.

Spiral cord sheathings, running in opposite directions to balance strain, are enveloped in rubber sheathings in a manner that produces a close and enduring bond between the component parts, says Muller. Obviously this construction calls for multiples of two plies. Over all a sturdy covering of rubber is applied.

Especially proud of the US golf hose performance this year is the San Francisco branch of the company which sold the hose into the service of leading clubs in that section. In the San Joaquin and Sacramento valleys where summer temperatures are extremely high, the hose has stood up splendidly despite the injury that hot water usually does to golf hose.

Four prominent Cleveland clubs, Canterbury, Acacia, Oakwood and Shaker Heights, report that with automatic coal stokers, not only are fuel costs lowered, but also heat is more uniform. Members find their clubhouses comfortable during the cold months. The smoke nuisance is eliminated.

Elmer E. Heasley, Jr., pres., Acacia, reports "a 51 per cent reduction in fuel costs without any temperature corrections. The installation has given us ex-

treme satisfaction; we have plenty of hot water and even temperatures at all times".

E. B. Roberts, pres., Canterbury, states his club's stoker has reduced fuel costs about 25 per cent. One advantage noted is that it has enabled the firemen to devote more time to other work in the clubhouse.

R. D. Clark, pres., Shaker Heights, reports: "From February 1, 1932, to February 1, 1933, we used hand-fired coal at a cost of \$984.64 and gas for hot water for kitchen, laundry, etc., at \$1,516.40; total \$2,501.04.

"After the installation of an Iron Fireman stoker on February 1, 1933, we used from that date to February 1, 1934, coal at cost of \$663.20 and gas at \$707.97; total \$1,370.99, or a net saving of \$1,130.05 for the year. This was accomplished by the installation of an indirect hot water heater and the remaining gas is now used for steam tables in the kitchen. The above figures represent a 45 per cent cut in our fuel cost, and it is needless to say that we are very well pleased with our installation."

THE KALO CO., QUINCY, ILL., has a development in insecticides which should be of interest to greenkeepers. J. W. Lusk, president, advises:

"We have found a way of greatly increasing the insect toxicity of Kaloil, our concentrated pyrethrum insecticide, and tests made during this past season on golf greens for sod webworm showed that, as far as we could tell, Kaloil was superior to other pyrethrum sprays for this purpose, and was somewhat more economical to use.

"Our best results came with Kaloil at a dilution of 1 to 600, using 100 gals. to each 1,000 sq. ft. of green. Very effective and satisfactory results were secured when a smaller amount was used, in fact much



## FOR FINE TURF

Use Hyper-Humus to enrich your soil and grow fine, green, long-lasting and uniformly sturdy turf.

Famous greens give credit to this

rich, black, cultivated peat humus. Government and soil experts approve it.

Ask your local dealer for it and start this Fall to build your soil Nature's way.

## HYPER-HUMUS COMPANY

Office: Morris Bldg., Philadelphia, Pa.

Plant: Newton, N. J.

## FINE SAND GREENS vs. POOR GRASS GREENS

Monroe Permanent Putting Path can be installed in any sand or grass green at little cost. Fast as bent, accurate as a billiard table.

Takes the Prayer out of Putting. Permits all normal golf shots. Cuts green upkeep to minimum. Write for details **MONROE CO., COLFAX, IOWA.**



## DIAMOND

Steel Center

Tractor

Spud

Always Sharp  
Extra hard steel core keeps spud sharp until completely worn away. Softer outside steel wears first, leaving harder center. Will not harm turf.

Write for Details.

DIAMOND CALK HORSESHOE CO.  
4702 Grand Ave., Duluth, Minn.

## NEW LIFE FOR GREENS & FAIRWAYS

### "Lime Crest" CALCITE (Pulverized)

does wonders in sweetening soil, making grass on greens and fairways grow lush and green. Finely pulverized high-calcium limestone—quick acting, long lasting. Write for full information. Limestone Products Corp. of America, Dept. 159, Newton, N. J.



### ● BENT GRASS ●

BOTH SOD AND STOLONS

Vigorous, healthy stock that develops fine, true putting surfaces. Write for full information.

## HIRAM F. GODWIN

Box A, Redford Sta.,  
Detroit, Mich.

R. F. D. No. 3,  
Pottstown, Pa.

better than would normally be expected, but this would be our recommendation.

"Kaloil is a special type of pyrethrum insecticide in which is incorporated a patented oxidized sulfonated oil spreader which energizes the pyrethrum, is active in itself, and give much better coverage and penetration than when pyrethrum is used with soap or with saponified oils. For general purposes with plants, Kaloil can be relied upon to kill any insect on contact at the proper dilution, and is non-poisonous."

A feature of many club buffet luncheons that will grow in use next season is the WILSON & CO. new line of vacuum-cooked luncheon meats, known as Wilson's "Lasting Flavour products". They are packed mostly in 6-lb. net oblong tins, which makes sandwich-size slices.

The line consists of 30 items such as brisket beef, hams, fancy sulze, pork and ox tongue, boneless pork hocks, chicken, pork tidbits, spiced beef and canned chicken. These delectable prepared meats are highly economical because there is absolutely no waste and no additional cooking is required, and they are a "friend in need" to managers when an unexpected rush of hungry golfers occurs. Because there's no advance preparation necessary, there's no loss if the weather turns bad and the crowd doesn't show.

MARTIN DENNIS CO., 859 SUMMER AVE., NEWARK, N. J., makes Lexol leather conditioner which has been getting a good play at eastern golf clubs this summer. The preparation preserves and restores leather. Golf shoes treated with Lexol after being worn through the wet don't dry stiff. Grips, golf bags and gloves treated with the material retain softness and resist the tendency to glaze or to scuff or scale on the surface. Cost is low so the Lexol proposition has gone over well as a new service at pro shops and in locker-rooms.

Greenkeepers have been watching with more than ordinary interest startling experiments with the so-called "rare elements" in fertilizer being made by soil technologists of the Department of Agriculture. As a result of this work rare elements that were formerly ignored have begun to assume vast importance and many fertilizer users and manufacturers are finding it necessary to recast their entire concept of fertilizer values.

The chemical analysis of Milorganite made for the MILWAUKEE SEWERAGE COMMISSION by the University of Wisconsin is probably the most detailed and thorough analysis of fertilizer ever made. This complete analysis was made from a

composite of hundreds of samples taken from 27,000 tons of Milorganite and showed that, in addition to organic nitrogen, phosphoric acid, and potash, Milorganite is abundantly supplied with other common elements used by plants such as calcium, magnesium, sulphur and iron, as well as copper, manganese, lead, chromium, titanium and other rare elements.

Soil analysis indicates that many so-called "poor" soils are deficient in one or more of the rare elements. Thus the use of Milorganite not only provides the commonly accepted fertilizer elements, but also supplies the other less common and rare elements now recognized as being vital to healthy plant growth. This is one reason why Milorganite has been such a successful fertilizer.

The Sewerage Commission will gladly furnish a complete analysis of Milorganite to any interested Club or Greenkeeper.

LYON METAL PRODUCTS, INC., AURORA, ILL., is introducing to clubs its new Steelart Style "D" Bridge Set, consisting of table and four chairs.

The double, tubular-designed rail and tapered legs of the table are of steel, welded throughout. Top is a rigid, bever-



age-proof upholstery. There are no unslightly struts, braces, sharp edges, or corners, the makers point out.

This new Steelart Set, with wide and comfortable, curved seat chairs, is available in several shades of enamel and in several full-chrome or chrome-enamel combinations.

IDEAL POWER LAWN MOWER CO., LANSING, MICH., following a full season's development work, announces a new fairway mower that will be ready for the market several months prior to the 1936 season. The new mower will be available in three, five, seven and nine gang sizes.

This new Ideal "Bulldog" mower design includes many important features and improvements, the makers announce. Cutting units, which are sturdy and very compact, use the simple, fool-proof pinion drive with gears of cut steel, carefully



### The SILVER KING Tractor

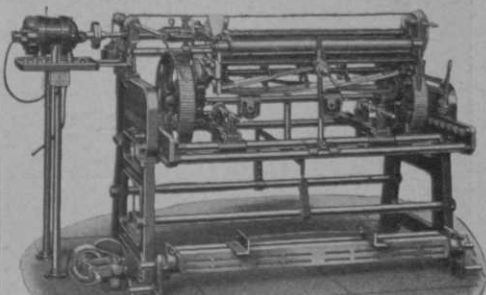
Here, in one tractor, are combined low first cost, low maintenance cost, low gasoline and oil consumption, high speed and great power. The Silver King comes equipped with either low pressure tires or wide, roller type wheels. It pulls a 5-gang unit practically anywhere, a 7-gang unit on the straight-away. It is compact, light weight, flexible. Four speed transmission. Speeds from  $2\frac{1}{4}$  to 25 miles per hour. Investigate. Illustrated bulletins and prices upon request.

THE FATE-ROOT-HEATH CO.

1135 BELL STREET, PLYMOUTH, OHIO

Built by the Manufacturers of PEERLESS  
Mower Sharpener

## PEERLESS MOWER SHARPENER



For beautiful greens, keep your mowing equipment sharp on the Peerless Sharpener. Fast and accurate. Simple to operate. Sharpens all types of power and hand mowers. Grinds blades up to 36" wide. Reconditioner for "lapping in." Low in price. Send for illustrated bulletin.

THE FATE-ROOT-HEATH COMPANY

835 BELL STREET -:- PLYMOUTH, OHIO

**Burns Weeds and Brush**  
Hauck Kerosene Weed Burner kills weeds, seeds and stalk completely, cheaply and safely, 2000 degrees heat. Disinfects poultry houses, animal pens, repairs machinery, etc. Deliveries from Brooklyn, Chicago, San Francisco. Free booklet on new, low-priced units.

HAUCK MFG. CO., 132 Tenth St., Brooklyn, N.Y.

## FREE TRIAL ON THIS NEW WEED BURNER THAT KILLS WEEDS QUICKLY WITH

Weeds in rough, traps, pathways are quickly destroyed once and for all with the new AERDIL No. 99 BURNER. Ideal to use in Fall for searing dense patches of

clover or other weeds in greens before re-seeding. Effective also for sterilizing compost to kill weed seeds; destroying insect pests; and 101 other uses. Burns kerosene, gasoline, stove oil, etc. Simple, economical. ABSOLUTELY SAFE! Endorsed by practical greenkeepers. Illustrated Folder, 183 G Free. AERDIL BURNER CO., West New York, N. J., or Chicago, Ill., or San Francisco, Calif.



**Five**

### SAVE YOUR GREENS FROM DESTRUCTION BY WORMS, BEETLES and GRUBS WITH DOW LEAD ARSENATE

THE DOW CHEMICAL COMPANY

MIDLAND



MICHIGAN

## PHOENIX RED TIP TRACTOR SPUDS

Extra Long Service

Made of a special analysis steel, hardened by the latest scientific heat treating methods. Sizes from 3/8 in. to 3/4 in. Also Mower Spuds. Inquiries invited.

PHOENIX MANUFACTURING COMPANY

Joliet, Ill. Cafasaqua, Pa.

- Pros
- Managers
- Greensmen

Be sure to fill out and return Postage Free your GOLFDOM questionnaire which was recently mailed.

protected against dirt. The adjustment has been simplified, made more accessible and has a positive locking feature. Over-size Timken adjustable bearings, carefully protected against dust and dirt. Larger diameter wheels with special lugs. Improved steel roller, on over-size roller bearings sealed against dirt. Reel blades and bottom knife of special formula steel.

Cutting units are carried in a frame that is constructed in sections so that



machine can be built up as three, five, seven or nine gang, and the different sizes easily or reassembled at any time. Main frame carries the three center units, each additional unit is carried in separate section with carrying wheels. Levers lift the units from the ground for transporting.

JACOBSEN MANUFACTURING CO., Racine, Wis., is enthusiastic over the performance of its new 20" and 24" Sturdex power mower, designed especially for mowing banks on greens, aprons, approaches and tees; in fact, to do all work on a golf course ordinarily done with hand mowers with the exception of mowing greens.

Makers claim the Sturdex is by far the easiest handling mower put out to date by any manufacturer for such hard work as mowing the sides of steep bunkers where it is almost impossible for an operator to walk. This machine is extremely light in weight, well balanced for traction, powered with an engine that barely pulls the operator along, and can be furnished with either pneumatic or metal wheels. In addition to the rough work on bunkers, it will cut tees as close as they should be cut. With the Sturdex one man can do all the hand mowing on the average 18-hole course in one day a week, it is stated.

Our entire business is devoted to growing fine bents both creeping and velvets. Our only income is derived from selling these bents. We are fine turf specialists.

CREEPING BENTS  
OLD ORCHARD  
WASHINGTON  
METROPOLITAN

VELVETS  
B. P. I. 14276  
MOUNTAIN RIDGE  
KERNWOOD

OLD ORCHARD TURF NURSERIES  
Madison, Wis. R. R. Bond Box 350

# Reliable Guidance

When you're planning your purchases for 1936, you can depend on GOLFDOM'S pages. You can buy with confidence from its advertisers, sure of sound sources of supply. If you don't see what you want in display, find it in the list below. Draw a line through items interested in and mail the page to GOLFDOM, 14 E. Jackson Blvd., Chicago. It will bring you the facts and figures you need in planning a budget that works.

## FOR THE GOLF COURSE

Arsenate of lead  
 Bag racks for tees  
 Ball washers  
 Bent grass stolons  
 Bookkeeping systems  
 Brown-patch preventives  
 Charcoal (soil conditioner)  
 Clamps, for pipe leaks  
 Compost distributors  
 Compost sterilizers  
 Diesel engines  
 Drinking fountains  
 Dump carts  
 Fencing  
 Fertilizers  
 Fertilizers distributors  
 Hole cutters  
 Hole rims (putting cups)  
 Hose, water  
 Humus (soil conditioner)  
 Hydraulic mixers  
 Insecticides  
 Lime, hydrated  
 Limestone, pulverized  
 Mole and gopher traps  
 Mole and gopher poisons  
 Mowers  
    putting green    tee  
    fairway    rough  
 Mower blades  
 Mower sharpening machines  
 Peat moss (soil conditioner)  
 Pipe  
    perforated for drainage  
    water  
 Playground equipment  
 Pumps (state capacity)  
 .....  
 Putting cups  
 Rollers  
    fairway  
    green  
    spiked  
 Scythes (motor driven)  
 Seed  
    fairway  
    green  
    rough  
 Seeders  
 Shelters (golf course)  
 Skeet layouts  
 Sod cutters  
 Soil screeners

Soil shredders  
 Sprayers  
    barrel pump  
    power engine  
 Spike discs  
 Sprinklers  
    greens  
    fairway  
 Swimming pool information  
 Tee markers  
 Tractors  
 Tractor tires,  
    low pressure  
    pneumatic  
 Tractor wheel spuds  
 Water systems  
    for greens  
    for fairways  
 Water system engineer  
 Weed burners  
 Weed killers  
 Worm eradicators

## Prizes

cups  
 trophies  
 Rain jackets  
 Score cards  
 Shafts  
    hickory  
    steel  
 Shoes  
 Shoe spikes  
 Shoe trees  
 Sockettes  
 Sweaters  
 Sweat shirts  
 Tees  
    wood    celluloid  
 Trap-shooting    traps  
    shells    targets  
 Underwear

## FOR THE PRO SHOP

Bags  
    canvas  
    leather  
 Balls  
    .35    .50    .75  
 Ball marking machines  
 Belts  
 Bookkeeping system  
 Buffing motors  
    A.C.    D.C.  
 Caddie badges  
 Caddie uniforms  
 Calks for golf shoes  
 Caps  
 Clubs  
    Brassies    Drivers  
    Irons    Matched sets  
    Putters    Spoons  
    Women's  
 Club racks for pro shop  
 Gloves  
 Grip dressing  
 Grip wax  
 Handicap  
    racks    cards  
 Hats, duck with vizor  
 Leather jackets  
 Leather preservative  
 Movie cameras, projectors  
 Practice clubs  
 Practice driving devices

## FOR THE CLUBHOUSE

Ales  
 Bar equipment  
 Bath slippers  
    paper    wood  
 Bars  
    fixed  
    portable  
 Bath towels  
 Beer  
    bottle  
    draught  
 Beer cooling equipment  
 Cash registers  
 Cheese  
 Deodorants  
 Disinfectants  
 Kitchen equipment  
 Laundry equipment  
 Liquors  
    gin  
    whiskey  
    wine  
    mixers  
 Linens  
 Lockers  
 Mineral water  
 Refrigerators  
 Rugs—runners for aisles  
 Showers  
 Soda fountains  
 Water coolers  
 Water softeners

Club .....

By ..... Club Position .....

Address .....

Town ..... State ..... Date .....

● IMPORTANT—FILL OUT FORM ON REVERSE OF THIS PAGE ●

## *Worth it . . . isn't it?*

A minute of your time will make sure your officials and department heads listed below are kept posted on the smart, new management and operating methods constantly developing in the golf field. Fill in their names and addresses below just as soon as you know who these heads will be for 1936 and mail to GOLFDOM, 14 E. Jackson Blvd., Chicago. You understand, there's no subscription price whatsoever. Thank you!

*Please PRINT plainly. Home or business addresses preferred.*

President .....

Address .....

Green-chairman .....

Address .....

Manager .....

Address .....

Professional .....

Address .....

Greenkeeper .....

Address .....

Club .....

Town ..... State .....

Number of Holes ..... Is Course Private, Daily Fee or Municipal? .....

*Please give us this additional information for our records:*

Swimming Pool?.....How Many Tennis Courts?.....Trapshooting or Skeet?.....

ST. MUNGO MFG. CO., has been dissolved and after 35 years with the St. Mungo business Jack Jolly and his son Bob have started in on their own to build up another Colonel ball business.

The new line of Colonel balls and private brand balls that Jack and his boy will handle will be made by Spalding. Jack started on the Colonel come-back October first and already has had solid results in getting some pro business. Jack's new address is 872 Broadway at Verona ave., Newark.

## WANT ADS

Well known greenkeeper, possessing highest recommendations thruout mid-west, desires change. Expert in all details of course maintenance and construction work on depression budget. Address: Ad 1009, % *Golfdom, Chicago.*

For Sale—One Indoor Golf Net 12 x 12 x 25 ft. \$125 value, like new—for \$85. Address: Ad 1050, % *Golfdom, Chicago.*

Scotch Professional wishes to make change. Sixteen years' experience. Very fine teacher, player and clubmaker. Married man. Can furnish fine references. Address: Ad 1080, % *Golfdom, Chicago.*

Professional desires position with a Metropolitan district club. 14 years' experience with six clubs. Excellent clubmaker, good player and noted for teaching ability. Address: Ad 1063, % *Golfdom, Chicago.*

For Sale—Nine hole golf course overlooking ocean on Oregon Coast Highway with half mile beach frontage. Will sell to reliable party on terms. Address inquiries: Box 646, Brandon, Oregon.

Pro-Greenkeeper desires change. Seven years at present club. Dependable character, excellent references in regard to course upkeep, teaching and shop activities. High credit rating. Class A member P. G. A. Club finances make change desirable. Address: Ad 1005, % *Golfdom, Chicago.*

Wanted: Experienced power mower salesman by established dealer in New York state. Man must be competent to gradually assume charge of course maintenance department of the business. Must have excellent record as producer and supervisor of service. Address: Ad 1007, % *Golfdom, Chicago.*

Competent Golf Professional, married, age 28, desires professional or managerial position in south or southwest. Has winter following. At present located at one of finest clubs in New England. Address: Ad 1001, % *Golfdom, Chicago.*

Greenkeeper now having completed construction and maintenance job is open for new position. Eighteen years' experience, construction, maintenance, water systems, mechanics, fertilization, etc. Excellent references. Go anywhere. Address: Ad 1008, % *Golfdom, Chicago.*

Experienced, well-known professional wants winter connection from November 1st to April 15th. Is fine instructor and a real business man. Has extensive list of acquaintances in New England that can be developed as patrons for winter resort. Highest rating by manufacturers as a business man. For complete details write: Ad 1010, % *Golfdom, Chicago.*

Pro-Greenkeeper—22 years' experience, desires position. High class teacher. Thorough knowledge of golf course maintenance or construction. Expert on tournament conducting and grass fungi. All references. Address: Ad 1048, % *Golfdom, Chicago.*

Professional with high rating in teaching, playing and diplomatic club service is open for winter engagement. Good business man with excellent references. Go anywhere. Address: Ad 1059, % *Golfdom, Chicago.*

For Sale or Lease: One of the best and most beautiful golf courses in the state. Nine sand greens, two grass greens, house and clubhouse. Has city gas, electricity, water and sewer. Address: Ad 1043, % *Golfdom, Chicago.*

Experienced successful pro-greenkeeper now employed at a municipal course desires new location due to political aspects of present job. Highly recommended by performance and previous employers as instructor, practical course maintenance man, and thoroughly competent in pro-greenkeeping job. For full particulars address: Ad 1013, % *Golfdom, Chicago.*

College graduate desires position as assistant to prominent professional. Has deep interest in golf instruction and merchandising. Was leader at school. Captain of college golf team and in upper ten per cent scholastically. Has had experience of one summer as assistant at small club. Since graduation has had two years' business experience. At present employed. Age 23. For complete details and reference write: Ad 1011, % *Golfdom, Chicago.*

Patented Oct. 1st, 1935

Plant Pat. 143

# UNITED STATES PATENT OFFICE

EARLE M. BARROWS OF MINNEAPOLIS, MINNESOTA  
AGROSTIS STOLONIFERA

Application filed August 20th, 1934. Serial No. 740647

"A distinct and new variety of AGROSTIS STOLONIFERA as herein shown and described, characterized by its ability to produce a very large number of plants per given area, forming a tough and resilient turf of great density; its slender leaves involute to conduplicate in form; its slender culms; its upright habit of growth in turf form; its freedom from tendency to become grainy or fluffy in turf form; its ability to withstand close mowing without injury; its high resistance to disease; its hardiness; and its ease of vegetative reproduction."

Quoted from final allowance by the United States Patent office of claim on

## NORTH WOODS BENT

Grown by EARLE M. BARROWS

Minnesota Valley Farms

Route No. 4, Minneapolis, Minn.

(Known prior to plant patent issue as Northland Bent.)

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OCTOBER, 1935

# Golfdom

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Business Journal of Golf

VOLUME 9, No. 10

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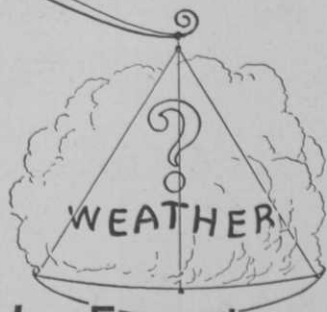
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# For Better Fairways and Greens

# MILORGANITE

THE  
UNIVERSAL  
FERTILIZER



## Counterbalances the UNKNOWN Factor

Three known factors—(1) Climate; (2) Soil; (3) Seed. One unknown factor that outweighs all three — Weather! Yet, somehow, you must plan now to maintain or improve fairways next year.

Counterbalance the unknown factor, insure success in spite of weather, by giving Milorganite, the universal fertilizer, the key place in your budget.

Milorganite is the fertilizer that has been uniformly successful over a ten-year period in all climates, on all soils, with all types of seed and under ALL weather conditions. Hot or cold, wet or dry — Milorganite releases its plant foods gradually, consistently, continuously.

These facts, known through experience by most Greenkeepers, explain why more Golf Clubs every year are depending on Milorganite to insure better fairways and greens.

THE SEWERAGE COMMISSION, Milwaukee, Wis.

GOLF CLUBS USE MORE

# MILORGANITE

THAN ANY OTHER FERTILIZER

