

Milarsenite in 1947. Following a once over with an aerifier Wilfong used an alfalfa disc drill to sow bent seed on all of the fairways. Result—a dense turf in eight weeks.

Leonard Strong of Saucon Valley used a spike disc in producing a proper seed bed before sowing 55 lbs. of bent seed per acre, emphasizing the importance of using a mulch on new seedings to get quick results.

Dr. Fred V. Grau and Marvin Ferguson of the USGA Green Section and J. O. Pepper and A. E. Cooper of the Ext. Service were present to answer questions.

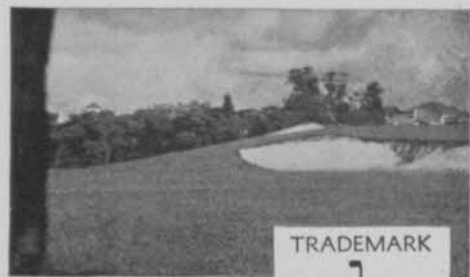
CHLORDANE RATES

(Continued from page 43)

better color has been seen. It is not known at present what residual toxic action chlordane may have after one year. In any case, it is the most desirable insecticide for suppression of dangerous grub populations.

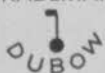
Chinch Bug Control

Chinch bug injury to turf during hot dry seasons is frequently of a serious nature. This piercing-sucking insect occurs throughout the United States, southern Canada and Mexico. It has two forms, one most frequently found in corn and small grain growing areas of the country and the second in the east, northeast and southern Canada especially at higher elevations. The latter variety of chinch bug restricts its activities to the destruction of grass.



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J. A. DUBOW MFG. CO.

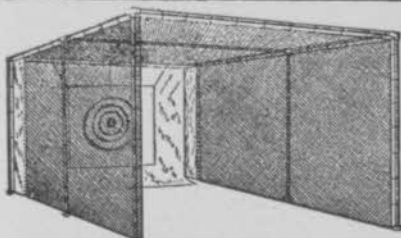
1905-13 Milwaukee Ave.

Chicago 4, Ill.

March, 1948

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- ★ tuning up before the game.
- ★ all weather practice.
- ★ privacy in instruction.
- ★ correcting swing faults.

EDERER NETS for golf and other outdoor sports are proving their value at hundreds of clubs throughout the country. . . .

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R. J. EDERER COMPANY

Invincible Sports Nets

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Chlordane has been demonstrated as sensationally effective in control of chinch bug. Used at the rate of 5, 6½, 8 and 10 lbs. of 5 per cent dust to 1000 sq. ft. of turf the insecticide gave immediate and reasonably long lasting relief from this insect. All dosage levels tried provided 100 per cent kill in less than 24 hours. Consequently 5 pounds of 5 per cent dust to 1000 sq. ft. of turf has been established as practical and economical for control of chinch bugs. The insecticide can be applied as taken from the package or it may be diluted with Milorganite or finely sifted sand in ratio one-to-one to facilitate distribution. The former diluent gave best results.

Following distribution it is advisable to assist settling of the toxicant around the crowns of the plants by mowing the turf or employing other mechanical means such as the back of a wooden rake drawn back and forth over the turf for this purpose. A very light sprinkling of water has also given excellent results.

Ant Control in Turf

Lasius niger Linn. var. *americanus* Emery, frequently a serious nuisance in well-kept turf, especially golf course greens, is encountered more often than all other species and hence is the most abundant of all species in numbers of individuals and colonies. It is a miniature brown ant that builds small single or clustered craters on the surface of the ground directly above its nest in turf and in open soil. Chlordane, an organic toxicant recently developed as an aid in suppression of destructive insect life, has been shown to be specific as an ant control. Not alone is *Lasius niger* effectively destroyed by chlordane but other species as well, including carpenter ants, mound building ants, soil infesting and house ants.

For control of ants in turf of golf course greens and lawns the following methods of treatment are suggested:

1. Spot treatment of individual ant nests.
2. Complete turf treatment method.

The principle of the first method is to treat each individual ant nest separately and is applicable to turf areas where nests occur infrequently or at least not in great abundance. One-eighth of a teaspoon of chlordane, 50 per cent wettable powder, should be placed in the center of each ant-hill and thoroughly watered into the galleries of the ant nest. Watering may be accomplished through the use of a 4-gal. pressure sprayer by removing the spreader from the nozzle, thus obtaining a thin stream of water rather than a cone shaped spray. Water slowly poured from a watering can, with sprinkler removed, may also be used. A supplementary method of treatment may be followed by adding one ounce of chlordane to each gallon of water in a small pressure sprayer and with the spreader removed from the nozzle direct the suspension into each ant nest.

The principle of the second method of treatment is to apply the toxicant (50 per cent wettable powder) in solution to every square foot of golf course green, or other turf to be protected. Add 4 ounces of chlordane to 75-100 gallons of water and apply to 1000 sq. ft. of turf with a hose and garden nozzle, the latter open as wide as possible, at 100 lbs. pressure. Following treatment, water turf with 50-60 gals. of clear water per 1000 sq. ft. Not only will the insecticide eliminate all ant colonies present at time of treatment, but protection from reinfestation should last four to six weeks. Treatment may be repeated if necessary at the end of this time.

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HENRY BALL WASHERS

... backed by years of thrifty performance

Saves players' clothes and tempers because it is slop-proof. Saves time because it is quicker, more thorough and easier to use. Saves cover paint of balls because it has no scouring bristle brushes. Saves frequent replacement costs because its cleaning units won't rot and warp . . . and its unbreakable steel jacket is rust proof.

Attractive — stays tidy — easy to drain and refill — Allen Set Screws make them theft proof

BALL WASHER . . . \$12.75
Tee Data Plate . . . \$ 1.25
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Complete Tee Ensemble . . . \$16.35

HENRY TEE ENSEMBLE
includes Ball Washer, Tee Data Plate and Waste Paper Container.

Send score card when ordering Tee Data Plates.

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PRICES F. O. B.
ELM GROVE, WISC.

GOLF & GARDEN EQUIPMENT CO.
BLUE MOUND ROAD, ELM GROVE, WISCONSIN



Sponsors Put Up \$25,000 For Western Open

Forty-fifth Western Open Golf championship will be played at Brookfield CC, Buffalo, New York the 26th of July, 1948 under sponsorship of the J. N. Adam & Co. Foundation. The event will have the largest purse ever offered in the Western Open, \$15,000. The J. N. Adam & Co. will donate an additional \$10,000 to the Western GA. Albin O. Holder, Pres. of the J. N. Adam & Co., and a nationally known veteran amateur, and Maynard G. Fessenden, Western GA pres., announced the record money Western event at a press luncheon at Buffalo.

The additional \$10,000 J. N. Adam & Co. Foundation fund is to be used to expand the WGA's Evans' caddie scholarships. The J. N. Adam & Co. is western New York's largest department store.

Harry Schall, pres., and George L. Scofield, vp., speaking for Brookfield CC, said that plans for putting Brookfield's beautiful club house and grounds into championship shape are under way and that the course will total 6800 yards with a par 72.

WALSH BROTHERS' MOTHER DIES

Mrs. Mary Ann Walsh, 77, died Feb. 15, at her home, 9551 S. Seeley Ave., Chicago. She is survived by her husband, Patrick J.; four daughters, and four sons in professional golf; Tom, pro at Westgate Valley and hon. pres., PGA; Marty who operates Hickory Hills GC; Frank, pro at Red Run GC, Detroit; and Patrick (Packey), golf director of the Chicago Park district. She was a lovely and beloved woman whose daughters and sons have been an honor to her and endowed her richly in happiness.

AUTOMATIC TEE SPEEDS UP RANGE PLAY FOR MOZEL

An automatic golf ball teeing device, which tees balls electrically by the weight of the ball, is now being marketed by Joe Mozel Golf Enterprises, Portland, Ore.

The teeing device is part of a complete booth unit, all parts of which have been developed and tested in actual commercial

use over the past 12 years at Lloyd Golf Range and Course in Portland.

Approximately 16½ million balls have been hit from various types of automatic tees at Lloyd's during the 12 years. About nine million balls have been hit from the Mozel tee units of various designs since their installation in 1941, according to inventor and manufacturer Joe Mozel who is operator and pro at Lloyd's.

Based on records of operation at Lloyd's, it is stated that the tee unit will (1) double capacity at peak hours through faster play, (2) double average receipts from players, (3) increase amount obtainable per bucket and (4) lessen probability of theft of balls at tee.

The new tee unit is available with or without an automatic, electric, meter-recording system and can be purchased in both units of one or more. The meter system provides an airtight audit on the sale of balls and makes possible the rental of the unit on a per ball basis, Mozel says.

Among reported major details of the unit are: The machine starts and stops with the weight of the ball and will tee as many as 15 balls a minute. A red light on the face of the ball magazine and on the remote control register in the office, where meter-recording system is installed, lights when refilling is necessary. The Mozel device will tee all cut, wet or off-round balls. The magazine is made of aluminum with a spiral brass track holding 100 or more balls. The works are all housed in an easily-removable, green-colored, waterproof plywood case.

The flexible rubber tees holding the balls above the rubber driving mats have had an average life of about 8,000 balls in actual use at Lloyd's, Mozel reports, and can be replaced in a few seconds when finally broken. A turf-like, grass-green brush, developed by Mozel for iron and fairway wood shots, has a life of about 35,000 balls.

Lower left: Magazine of automatic tee is re-filled after red signal lights up on remote control register. Below: Mozel demonstrates automatic tee which starts and stops with the weight of the ball, making it possible to tee 15 balls a minute.



PRODUCTS BY
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FOR THE GROUNDS
AND THE CLUBHOUSE

Weed Killer (Arsenic Type)

Weed Killer—2, 4-D

Insecticides

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Hand Soaps • Scrub Soaps

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Free samples sent upon request

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7 BLADE BENT GRASS

Lawn Mower

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NOW AVAILABLE

Model 700

Light weight, 7 cutting blades for smooth cutting. Crucible alloy steel knives. Ball bearing reel. 10-inch semi-pneumatic tires. Rubber roller. Steel handle. 16-inch cut.



ALSO
AVAILABLE
Model 900 push
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20-inch cut.

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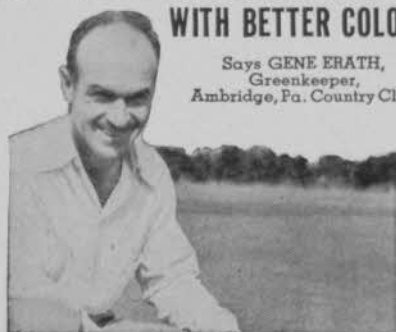
NEWS from the
MANUFACTURERS

**LAKE SUNAPEE GARDENS BOOST
VELVET BENT PRODUCTION**

Over 200,000 sq. ft. of Kernwood Velvet creeping bent sod and five acres of stolons of the same strain will be this year's output of the Lake Sunapee Turf Gardens located at Danvers, Mass., and New London, N.H. Wm. (Bill) Mitchell, who took time out to serve as flight instructor in Naval aviation, is pres. of Sunapee and in charge of sales, with brother Henry in charge of the turf nurseries, and Joe Burke as treas. Bill collaborated with architect Orin Smith in designing and constructing Birchwood CC and Rivervale CC, both new courses in New Jersey. Bill also supervised Charles River CC, Race Brook CC and the Springfield CC during 1947 in addition to turfing 19 greens for the reopening of Woodbridge CC at New Haven and 9 greens for the new Tumble Brook CC at Harford, Conn.

**"AGRICO-FED TURF GROWS THICKER,
WITH BETTER COLOR"**

Says GENE ERATH,
Greenkeeper,
Ambridge, Pa. Country Club



"I compared Agrico alongside an all-organic fertilizer, and the Agrico-fed grass was thicker and had a better color," writes Mr. Erath. "What's more, the color held up all season where Agrico was used, and members commented on its better appearance. In 20 years' experience, Agrico is the best fertilizer I've ever used." Agrico is specially made to feed golf-course turf and feed it right. Order now from your regular supplier, phone nearest A.A.C. Sales Office, or write to The AMERICAN AGRICULTURAL CHEMICAL Co. 50 Church Street, New York 7, N.Y.

AGRICO *Country Club Fertilizer*

Golfdom

25 Years with Wilson



Mike Behrendt (center) supt., Wilson Sporting Goods Co. golf ball factory, meet with L. B. Icely, pres., on the occasion of their 25th anniversary with the company. Behrendt is one of the outstanding authorities in golf club manufacture.

NEW SPORTS FLOODLIGHT — A new, large-diameter, narrow beam floodlight, type VRC-20 is announced by Westinghouse Electric Corp., Pittsburgh, Pa., for sports field floodlighting. Designed for application at recreational field lighting where the floodlights must be mounted 100 feet or more from the area, the floodlights have a 22-degree vertical by a 25-degree horizontal beam spread. Incandescent lamps up to 1500 watts in size can be used in the new floodlight. Beam candlepower is 305,000 when the 1500-watt lamp is used at rated voltage. The cover glass is tempered, impact resisting glass for long service. Maintenance, cleaning and relamping are made simple by the hinged door and swing-over bracket.

PORTABLE PUTTING TRAP

Designed for indoor or outdoor use, Hole-In-One, a portable putting trap, makes serious practice possible in the off season or provides fun for all. Of metal construction with red flag marker, upper disc is flexible, trapping properly aimed shot. Manufacturer is Bergman Co., 1027 Thatcher Ave., River Forest, Ill.

AEROSOL CLUBHOUSE INSECTICIDE

Mayfair Industries, Inc., 2442 Irving Park Blvd., Chicago 18, is extending its sales campaign in the golf field this year on strength of highly favorable reports of performance by Aerosol through spray gun application in killing moths, cockroaches, mosquitoes, flies, etc. in clubhouses. Moth extermination in locker-rooms was especially noteworthy and repeated successful record of the material in garment and fur industries. The Aerosol insecticide is a

HERE IT IS!

The new, sensational Golf Pride GRIP

Designed and Molded for Two-Way Grip. Easy on hands; all shock eliminated.

Air-cooled for removal of moisture from hands and gripping service.

Molded directly to the shaft; cap and grip one unit.

Choice of five colors, with or without cork. Also three different sizes: large—medium—small.

The only grip for a perfectly balanced set of golf clubs, as all grips are uniform in size and weight.

Prices and information to Pros and individuals furnished on request.

KOSAR'S GOLF DEVELOP. LAB.

634 Portage Trail — Cuyahoga Falls, Ohio



LOCKERS

78" x 12" x 18"
78" x 15" x 18"
78" x 18" x 18"

Single Tier, 3 or more wide



CABINETS

72" x 34" x 18"

With 2 chrome handles, Yale Locks & Keys. Storage Type (shown) Style 4ST, with 4 adjustable shelves. Also available Wardrobe Type, Style 1WA, and Combination Wardrobe & Storage Type, Style 3CW. (Extra shelves available).

EXTRA-HEAVY-GAUGE STEEL CONSTRUCTION
Baked olive-green enamel finish

IMMEDIATE DELIVERY AT
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Send for complete catalog and
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quickest to put on or take off. Increase tractor efficiency and cultivate turf that's why more than half the U.S. and Canadian clubs use them. Durable and low priced.

Sample spud and circular on request; advise make of tractor and purpose for which intended.

Immediate shipment. If your Ford or equipment dealer cannot supply, write direct to

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compound containing pyrethrins and other chemicals. The Commando Aerosol applies the material in the form of a dry gas which does not contaminate foods or stain clothing. Lew Waldron, well known veteran pro golfer, arranged for extensive tests which introduced the Aerosol insecticide and gun to golf clubs.

FORMER MILER, INVENTOR

Gene Venzke, former track star of renown, owner and operator of a golf driving range because he wants to live a vigorous, outdoor life and because golf is his favorite sport, has come up with a machine of his own invention for retrieving balls on his range. Gene's experience as a tool maker came in handy in working out some of the difficult angles during the experimental development of his machine. He reports that after using for a year he finds the combing effects of the machine does more good to the grass than harm and there is no washing problem to keep the balls clean; he uses a hose to rinse the loose grass off after they are brought in and placed on a rack to dry—time required, less than a minute per thousand.

TAT C-LECT, NEW SELECTIVE CRABGRASS KILLER

If you have been plagued by crabgrass, that broad-leafed nuisance that appears so innocuously in spring and then dies in mid-summer after having crowded out good grass, you can take hope this year. There's an effective crabgrass killer on the market.

Various weed-killing products offered in the past few years have been effective against dandelions, plantain and similar broad-leaf weeds, but crabgrass has resisted any selective formula until experiments with a chemical known as PMAS (Phenyl Mercuric Acetate Solution) conducted by Drs. J. A. DeFrance, F. L. Howard, and H. L. Keil of Rhode Island State College proved that crabgrass can be killed selectively without harming blue grass, fescues and delicate bent grasses.

NEW ECONOMY IN TREATING AND FERTILIZING GOLF GREENS

McCLAIN HYDRO-MIXER

Get this lightning speed outfit this year.

Cut labor costs to the bone. Reduce your operating costs, social security, industrial and unemployment insurance expense.

One man can handle this job with a Hydro-Mixer. The light, inexpensive Hydro-Mixer is now used by hundreds of courses from coast to coast. It no longer pays to be dragging old style cumbersome costly equipment around over the course to handle Brown Patch and Fertilizer Spraying.

Safety, speed and accuracy of either the hand or power operated Hydro-Mixer are almost unbelievable.

If you really want to save, write today for the literature.

McCLAIN BROTHERS COMPANY

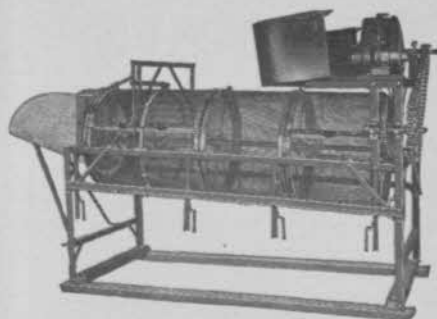
CANTON, OHIO



CONVERSE
ROTARY SOIL SCREENS
MAKE BETTER GREENS

Write for Bulletin

F. S. CONVERSE CO. INC.
JOHNSON CITY
NEW YORK



Successful tests of the new discovery were made in the United States during the spring and summer of 1946 and 1947. The O. E. Linck Co., Clifton, N.J., wanting unassailable evidence under a variety of conditions in order to be ready for the 1948 season moved the test program to South America to take advantage of the spring season in the southern hemisphere after the germinating period for crabgrass was at an end in the fall of 1947. These experiments have confirmed the results of the earlier tests in this country.

Of especial interest to greenkeepers is the supplemental discovery to the principal experiments that a coincidental chemical action which killed most common fungi bring out a greener color and a more healthy appearance in the grass of the area treated. The Linck Co. produces the chemical in concentrate form known as TAT C-LECT.

BALANCED GOLF BAG

With 300,000 sales pacing its popularity, improvements in construction and workmanship mark the 1948 Lightweight BALANCED GOLF BAG made in the standard model size which holds 15 clubs. Popular with players who carry their own bags, where shortages of caddies exist, and desirable for traveling, the bag is available in two colors, either suntan or white, with or without detachable hood. Liberal discounts are made to professionals by the Balanced Golf Bag Co., 1401 W. North Ave., Chicago 22, Ill.

DAVIS BOOK ON 2,4-D—Turf Weed Control with 2,4-D by Dr. Fannie-Fern Davis who was acting director of the USGA Green Section and prominent in developing application of 2,4-D for weed control is now available at \$3.25 from Hobart Pub. Co., Box 4127, Washington 15, D.C. The book, which is the authoritative treatise on the subject, originally was printed for government use only. A picture supplement was added and the book now can be bought as a valuable item in the supts.' library.

A Reminder to Order
MURDOCK Outdoor Drinking Fountains and Hydrants
 The World's Best.
The Murdock Mfg. & Sup. Co.
 Cincinnati 2, Ohio

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FINE SEED FOR FINE TURF
 IT PAYS TO GET THE BEST
WE SPECIALIZE IN GOLF TURF GRASS SEED

SELECT VARIETIES — MIXTURES

KENTUCKY BLUE GRASS	
CHEWINGS FESCUE	FANCY RED TOP
ASTORIA BENT	PERENNIAL RYE GRASS
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WHITE CLOVER	ORCHARD GRASS

KENTUCKY BLUE GRASS
MUCH LOWER IN PRICE

Plan your needs now. Ask for Prices

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1—Driving Tees

Driving Range and Public Course Operators . . . here we believe is the finest tee made from tires. Designed to specifications of well-known pros, these mats are functionally ideal, reversible, and virtually everlasting. Immediate delivery. Sizes 42"x60" and 48"x60". Also special sizes.

2—Floor Mats

Tire Floor-Mats in long runners and special sizes for locker room, grills, entrances, and shower rooms. Pay for themselves by saving floors, spikes, and preventing accidents. Low prices due to high production.

Prices and information available upon request.

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Best
Friend*



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Producers of quality

PEAT PRODUCTS

for the building and the
top-dressing of golf greens.

McNULTY HEADS NEW SPORTS SHIRT COMPANY



WM. J. McNULTY

Wernersville, Ltd., a new company specializing in the manufacture of knitted sport shirts, is off to a fast start under the experienced guidance of its president, Wm. J. McNulty. "Mac," as he has been known ever since his caddie days in the Philadelphia district, enters the sport apparel manufacturing field with well seasoned knowledge of the golf apparel business and the golf professionals' merchandising needs and opportunities, having served in the capacity of both buyer and that of salesman, and in recent years as merchandise manager and vice pres. of MacGregor Golf, Inc. until his resignation the first of this year to head up his new company.

The Wernersville line is concentrated on quality knitted fabrics of fine comb cotton lises, wool Jerseys, fine comb interlock cotton and acetate Jerseys with a variety of plain colors, two-tones, stripes and patterns in pull-over and open front styles. Along with the elasticity of its knitted fabrics for natural free action and breathing, the Wernersville line shows an experienced eye behind its styling and careful tailoring. Wernersville, Ltd., is located at 450 Seventh Ave., New York 1, N. Y.

MILLICAN HAS TEXAS SALES

C. L. Hornung, owner, Pro Golf Sales Co., Fond du Lac, Wis., announces that sales of its offset irons and pro special balls in Texas will be handled by O. D. "Spud" Millican of 719 W. Ave. M of San Angelo. Millican helped build Texas State College

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GOLF COURSE SUPPLIES

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women's golf course at Denton in 1937-8 and did a lot of instructing there under Dr. L. H. Moore. He then became a professional at Brownwood (Tex.) GC. "Spud" put in two years at Brownwood before the war. He was a sgt. in the famed 36th inf. div. He was captured and kept a prisoner of war in Germany for almost two years. Following his discharge he returned to Brownwood.

**SCIENTIFIC DEVELOPMENTS GIVE
GREATER DISTANCE TO GOLF BALL**

The most significant advance in golf ball construction since rubber thread was first used in golf balls is made possible with the use of silicone "bouncing putty," a new elastic substance derived from sand, and an electronic device which controls the tension of the thread wound around the center, according to E. G. Brown, vice pres. and gen. mgr., general products div., U. S. Rubber Co.

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WHITNEY'S
Super-Refined Seeds

**FOR VELVETY, HARDY GREENS AND
THICK-TURFED FAIRWAYS**

Whitney tested and proved seed mixtures for every golf course need. Special prices. WRITE for full information.

WHITNEY SEED CO., Inc.
BUFFALO 5, NEW YORK

**FLINK-RAWLS
POWER MOWER**
Cuts • Mows • Hauls • Grades

The FLINK-RAWLS is more than a Mower. It is a versatile (4 H. P.) power unit used by clubs, highway departments, air fields, parks, athletic fields, estates, farms, and institutions. Rugged, maneuverable, extremely easy to operate. 3 MPH in operation — 13 MPH on highway. Run 8 hours on 1/4 gal. gas.

Write for complete information.
For name of distributor near you, write



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STREATOR, ILL.

**INSTANT PEP FOR
PUTTING GREENS**
**McCLAIN • SPIKER
AND PERFORATOR**

Don't let your Greens get "hardening of the arteries". Keep them bristling with life by regularly perforating the surface with millions of small holes made by smooth round spikes.

Let air, sun and water down into the roots of the grass for producing real playing Greens.

Revive hard packed turf for quick action of chemicals and fertilizer.

Save on fungicides and prevent Brown Patch by using this inexpensive machine. Hand or power operated.

Write for literature today.
McCLAIN BROS. CO., CANTON, OHIO




Lovely Peggy O'Connor holds pellet of silicone that goes into the center of new U. S. Royal. Saucer holds this taffy-like substance which bounces better than natural rubber.

Silicone, the new elastic substance derived from sand and produced by General Electric Co. from the large family of silicones developed during World War II has more resilience than other substances used in a golf ball center and according to tests gives greater distance.

KERNWOOD VELVET BENT
STOLONS... VELVET ...SOD
Let us quote you on America's Finest Putting Turf

LAKE SUNAPEE TURF GARDENS, INC. Wm. F. Mitchell, Pres.
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Made of the finest, kiln dried, second growth, tough White Ash. Tapered from approximately 1" at bottom to $\frac{3}{4}$ " at top, and fitted with flanged aluminum ferrules to fit standard $1\frac{1}{8}$ " cup. Sanded finish with prime coat of lead and oil and finished coat of finest white enamel. Available in 2 or 3 color combinations. Immediate delivery.

Your inquiries and orders will be referred to a nearby distributor.

LEAVITT CORP. EST. 1895 **URBANA, ILL.**

Builders of "Knockdown" bleachers for all sports

The electronic device, equipped with an "electric eye" that can see things unseen by the human eye, controls the tension of the thread wound around the center, making possible uniformity in playing performance and production of balls with the same degree of resilience.

All top-grade "U. S." golf balls will be electronically wound in the future with the silicone center being used in all U. S. Royals, U. S. True Blues and U. S. Three Stars. Available immediately in Florida and Calif., the new balls will be distributed in other localities when the playing season opens.

DETACHABLE GOLF CLEAT

A new lightweight detachable metal sole with golf spikes, adjustable to any size, that fits and locks on the shoe in a few seconds and won't come off until released with key is manufactured by The Parcleat Co., 3048 Rodman St., N.W., Washington 8, D. C.

SPALDING'S GOOD YEAR—Statement of A. G. Spalding & Bros. Inc. and subsidiaries for fiscal year ending Oct. 31, 1947 showed consolidated net earnings of \$2,178,902 compared with \$1,469,935 for the previous fiscal year. Sales for the 1947 fiscal year were \$24,242,499, almost \$5,000,000 ahead of the previous year. Inventory of Oct. 31, 1947 amounted to \$7,549,687, representing a considerable volume of merchandise to provide quick shipments in comparatively short sports seasons. The report while disclaiming prophetic knowledge opines that 1948 will see a continuing strong sports goods market, increasing costs and competition. Spalding management expresses confidence in its "strong financial position with greatest flexibility of organization and operation."

McKENZIE'S NEW PRODUCTS—R. R. McKenzie Co., 144 Glendale Blvd., Los Angeles, Calif., is introducing a new spike and a "club cart" to its line. The new Hex-spike is made of hexagonal steel and is for use with Spike-Aid golf shoe plates. They are applied with a socket wrench. The Hex-aid spikes are available in two thread sizes at prices providing an attractive profit for the pro. The Club-Cart is a bagless cart for carrying clubs. It has balance and is compact and noiseless.