as much as 75 yards. The fourth, for example, has been toughened with a new rear tee that pushes the players back exactly 65 yards. Trees have been planted all over the tree-laden landscape. The fifth has been given a new tee 75 yards back.

The third and sixth fairways were a bit too close for safety, so Ciuci eliminated the danger of a player being hit by an errant ball by making a slight elbow in the sixth. At the seventh, Al constructed another rear tee, changed the traps to better define the handsome, generous green.

An exception was made at the 11th, where a tee was built in front of the old one. Ciuci felt it was a bit too severe for the run-of-the-mill player. At the 12th, two new traps were constructed to the right of the green. The 13th, where the green used to be guarded by a couple of traps in front, now offers a bottleneck hole, with the traps eliminated in front of the green. The hole also has a new tee.

At the 14th, a gully has been eliminated, but traps have been installed both to the left and right of the green. The 15th has been shortened from 230 yards to an even 200, with a triple terraced green. The 17th green is now a bottleneck.

The brook bisecting the 18th fairway has been widened and rebuilt and the fairway bunkers in front of the green made bigger, principally to beautify the hole.

"By the time the robins begin to appear again, we’ll have Fresh Meadow in a class with the better courses of the world," predicted Ciuci. "We might possibly have something that eclipses any of them."

Ciuci, who broke Sarazen into golf as his assistant at old Watogu CC in Stratford, Conn., started his career in 1918. He served in the army during World War I, then returned to Watogu, which changed its moniker to Mill River.
He went with Sarazen to Briarcliff in 1922 and both quit to take over the pro shop at Fresh Meadow in 1925 when Benjamin J. Ribman and a group of Brooklynites founded the club in the wilds of Flushing.

Associated with Al in the pro shop at Fresh Meadow are his brothers, Henry and Floyd, both of whom incidentally, succeeded him at Mill River.

Before the Ciuci regime at old Lakeville, prominent pros have been in attendance. MacDonald Smith was the first pro at Lakeville, then came Sarazen, Charlie Lacey, Jimmy Hines and Spencer Murphy, the latter during the Glen Oaks stay at Lakeville.

In addition to Arenson, the officers of Fresh Meadow are: Samuel R. Parnes, VP; Alvin S. Rosenson, sec.; Samuel S. Strisik, treas., and Emil N. Baar, chairman of the board. Ribman, first president, is a member of the board along with Harry Zaitz and Sol Sussman. John Frumes is responsible in a large measure for the improvements in the vicinity of the pool.

Tests conducted during the past two years by Dow Chemical agronomist Keith Barrons showed that the application of three pints per acre of Esteron 44 gave excellent weed control when applied while mowing. Doing the two jobs simultaneously gave three distinct advantages over doing them separately:

NOW play Bingo the easy way at your Club with these new "Finger-Tip" Bingo Cards. Sliding windows do away with loose markers which become a nuisance. "Finger-Tip" Bingo Cards can be held in hand or fan, thus eliminating the use of tables if table space is at a premium. Cards can be used over and over again. Write today for a FREE sample card and price.
When it is GOLF PRINTING!

Specialists, for years to many of America's largest and most exclusive courses, can best serve you, too.

Score Cards • Charge Checks
Greens Maintenance Systems
Caddie Cards • Handicap Systems
Forms for Locker and Dining Rooms
and for the Professional.

Samples to your club for the asking.
VESTAL CO., 703 S. La Salle, Chicago

1. Total costs are reduced. The only application cost for spraying involves the little time required to fill the spray tank, the overhead on equipment and the spray material. Incidentally, equipment is not costly since many of the low volume rigs now being sold for farms may be used. A power take-off or a pump engine unit may be used.

2. One can see the sprayed area. This eliminates the streaks which sometimes occur when one relies on wheel marks or guessing. Or it eliminates the cost of excessive overlapping.

3. Spraying can be limited to weedy areas only if desired. After one successful treatment, reinfestation is usually spotty, often only in moist spots. The driver can open the spray valve as he approaches a weedy spot, shut it off after he passes it.

Much has been learned about spraying in the past two seasons that should lead to more consistent results. While very low gallonages give good weed control, Mr. Barrons points out that at least 10 to 15 gals. of water per acre should be used since the extremely small orifice nozzles used for lower volumes may require frequent cleaning especially if the water itself contains any particles of dirt or other foreign matter.

In Michigan, June sprayings gave an excellent kill—but dandelions had already bloomed. May sprayings controlled dandelions and gave reasonably good results. In 1947 the first three weeks of September proved ideal, but in 1948, fairways in test areas were too dry at this time for good results. The biggest disadvantage of early season treatment is that the spaces opened up give crabgrass a better chance to grow.

Barrons found that hard-to-kill chickweed could be controlled by two applications of Esteron 44 at three points per acre, applications about three weeks apart. Best results were obtained when the first application was made in May, the second in June. He also found that white clover is more sensitive to Esteron 245. If eradication is desired, he recommends the application of two to three points of Esteron 245 per acre shortly before the clover begins to flower.

When you make a poor shot
SMILE and change to

PARK "ALL-WEATHER" GRIPS

PARK "ALL-WEATHER" GRIP - Greatest Grip in Golf!

March, 1949
News from the Manufacturers

Burrett's New Golf Glove

The K. L. Burrett Co., Peoria, Ill., manufacturers of the "Par Glove Line" of golf gloves, announce their latest offering to the golfing fraternity, the new Par-D-Lux golf glove. Made from carefully selected African capeskin which has been hand worked and thoroughly pre-stretched before the glove is cut to size, this glove will give "skin-tight" feel plus full-hand protection throughout its lifetime. Each Par-D-Lux is sold with a money back guarantee and may be returned at anytime should owner find gloves unsatisfactory.

Leather Preservative

LX Waterproofing and Leather Preservative for shoes is now being marketed by the Products Research Co., 322 Main St., New York City.
Stamford, Conn. Applied easily by cloth to all kinds of shoes, except suede and patent leather, it completely waterproofs and shines. 12 oz. can treats up to six pairs of shoes and sells for $1.00 prepaid, with discounts on quantity purchases.

**SAYERS SELLING THRU PROS**

George Sayers, veteran pro and clubmaker who has been doing a custom-made club business for some years, has established a policy of selling his hand-made high quality clubs only through pros. George started strong in the club business 88 years ago when he went to Merion and after leaving it has been selling direct to golfers prior to adopting his "pro only" policy.

**NEW FAWICK FLEXI-GRIP PLANT**

The recently completed 8,000 sq. ft. Fawick Flexi-Grip Plant, near Akron, Ohio, was designed and built especially for the production of Golf-Pride, Flexi-Grip, and Kush-Lite grip, for golf and various other sporting goods items. Of special interest are the presses and molds used in curing the Golf-Pride grip directly to the shaft of the golf club, and the rubber development lab for testing products.

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**R. H. TRACTOR WHEEL SPUDS**

Quickest to put on or take off. Increase tractor efficiency and cultivate turf that's dry where none other can use them. Durabie and low priced.

Sample spud and circulate; order small; advise make of tractor and purpose for which intended. Immediate shipment.

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

**R. S. HORNER**

Geneva, Ohio


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**Look at the SAVINGS you get with**

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**THE "HENRY" GOLF BALL WASHER---**

**HENRY'S "TENTH"** year of sturdy service

**HEAVY GAUGE PRESSED "STEEL"**

Rigid, Strong, Unbreakable, Rust Proofed

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.

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

**PRICES F. O. B.**

**ELM GROVE, WISC.**

**BALL WASHER** . . . . $12.75

**Tee Data Plate** . . . . $1.25

**Waste Paper Cont'n'r** $ 2.35

**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.

---

Manufactured by

**GOLF & GARDEN EQUIPMENT CO.**

**BLUE MOUND ROAD, ELM GROVE, WISCONSIN**
**LEATHER-KNIT HEADCOVERS**

The new "Leather-Knit" custom designed golf club head cover set, manufactured by the Jakul Products Co., San Clemente, Calif., is lined with extra heavy fleece to prevent marring of club heads, and is finished with full grain tailored leather and double-knit extra long skirts.

**SEAMLESS SALES AIDS**

Seamless Rubber Co., New Haven, Conn., makers of Seamless "400" and "500" golf balls which are sold "pro only," has prepared for pro use three very attractive letterheads, imprinted with the name of the pro and his club who wishes to use any one of the three letterheads for his correspondence. The company also has prepared a series of suggested letters which pros can use in making effective presentations of their sales, lessons and other services to club members. Full details, including samples of the letterheads and letters, may be secured by writing Seamless.

**SPALDING ANNUAL REPORT**

A. G. Spalding & Bros., Inc., report for fiscal year of 1948 shows sales of $23,359,034 compared with $24,242,499 for preceding fiscal year. Report says mid-year 1948 "marked the end of the extraordinary post-war market." Manufacturing costs increased. New factory at Chicopee opened last year probably will help company battle rising costs. Fiscal year 1948 profits were $2.95 per share.

**LIQUA-VITA**

The complete Liquid Fertilizer for Golf Greens

No burning in hottest weather — applied with fungicide — cuts labor costs to a minimum.

200 greenkeepers used LIQUA-VITA in 1947; over 500 in '48

There will be a lot more users in '49.

"There's a Reason"

Write for particulars

AMERICAN LIQUID FERTILIZER CO., Inc. Box No. 267, Marietta, O.
For the finest turf

**PLANT HENDERSON FORMULAS**

Putting Green Mixture  Tee Mixture
Fairway Mixture  Rough Mixture
Bunker Mixture
Special Mixture made to your own formulas

Write for our special catalog today

PETER HENDERSON & CO.

Dept. 65
35 Cortlandt St., New York 7, N. Y.

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**LEWIS ISSUES POSTER**

The G. B. Lewis Co. of Watertown, Wis., makers of golf ball washers and tee equipment, is making available through its dealers an informative cartoon poster concerning the "Don'ts" of green etiquette. It should cause quite a few comments and a lot of hearty chuckles in clubhouses all over the U. S. this coming season.

---

**ALL STEEL TEE MARKERS**

Originally created by a pro to solve his own problems, and now being manufactured by the Tomco Co., Canfield, Ohio, is an All Steel tee marker. Measuring 7-1/2" x 5" and coming in three solid colors, or a combination of colors, they end forever the problem of warping, chipping, peeling, rotting or cracking. Lasting almost a lifetime, these markers are easily seen, set up neatly and leave no dead spots on the grass. Order from your dealer or direct.

Upham Products Co., P.O. Box 1778, New Haven, Conn, has an indoor or outdoor practice putting device that will sell through pro shops.

---

**ROTARY SOIL MACHINE**

MIXES and SCREENS
BETTER PREPARED SOIL
write for bulletin

F. S. CONVERSE CO., INC.
Manufacturers
JOHNSON CITY, NEW YORK
SPALDING PRO CATALOG READY

Sporting an appropriate fairway green and black cover and attractively laid out, the Spalding golf pro catalog is now being mailed to all authorized Spalding golf pros.

New and important features include “tailor-made shafts” to be prescribed by the pro to match the individual golfer’s style and physique; laminated wood heads; and English-made Lotus Angle-Spike shoes.

FLEXISOLES, EXCLUSIVE PRO ITEM

Flexisoles, the popular foam rubber inserts for shoes, are starting the 1949 season with improvements and modifications of the soles themselves, plus an attractive new package and a lower price. Made by the Air Walk Co., box 52, Clayton 5, Mo., Flexisoles are a Pro shop exclusive.

NEW ROTARY HOE AT LA

Leland Bartlett of Western Distributing Co., Smith Tower, Seattle, Wash., exhibited the Howard patent Rotary Hoe at the NGSF convention at LA. Bartlett said that toughest Bermuda doesn’t choke it and it has a slip clutch so rocks or wire won’t break blade or drive chain. It also
# Buyers' Service

Check off your Supply & Equipment Needs. Tear out and mail this sheet to Golfdom, 407 S. Dearborn St., Chicago, Ill., or use convenient card. You'll get prices and literature direct from the sources of supply.

## Golf Course

- Aerifiers: fairway ☐ green ☐
- Architects (course — house)
- Arsenate of lead
- Ball washers
- Bent grass stolons
- Brown-patch preventives
- Compost mixers
- Compost spreaders
- Crabgrass eliminator
- Cultivators: fairway ☐ green ☐
- Drinking fountains
- Electric Plant (Portable)
- Fencing
- Fertilizers
- Flags (greens) ☐ Flag poles ☐
- Flood lights
- Fungicides

## Pro Shop

- Bag towels
- Bags: canvas ☐ leather ☐
- Bag carts, for players
- Balls: Regular ☐ Range ☐
- Ball cleaner (individual)
- Ball markers ☐
- Bandages, adhesive
- Buffer motors
- Caddie badges ☐ uniforms ☐
- Calks, for shoes
- Caps and hats
- Clubs: Woods ☐ Irons ☐
- Putters ☐

## Club House

- Air conditioning equip.
- Athletes foot preventives
- Bath mats
- Bath slippers
- Bars
- Bingo cards
- Coolers (food & beverage)
- Disinfectants
- Fire protection equipment
- Floor coverings
- Fungicide applicators
- Golf Course Const'n Engineers
- Hedge trimmers
- Hole cutters
- Hose, ¾" ☐ 1" ☐
- Humus
- Insecticides
- Leaf rake & pulverizer (power)
- Miniature Course Const'n ☐
- Mole Traps
- Mowers: putting green ☐ whirlwind ☐ tee ☐
- fairway ☐ rough ☐ hand ☐
- Mower grinders
- Peat Moss
- Playground equipment
- Pumps
- Putting cups
- Rollers (water filled)
- Scythes (motor driven)
- ★
- Club display racks
- Club head covers
- Club repair supplies
- Club separators for bags
- Cushion-sole Inserts
- Detachable cleated shoe plates
- Dressing for grips ☐ bags ☐
- Golf gloves
- Golf Grips: Leather ☐
- Composition ☐
- Golf Practice Devices ☐
- Golf Practice Glove
- Golf shoes
- Grip preparation for hands
- Handicap boards
- Handicap racks ☐ cards ☐
- Insoles
- Mechanical Golf Ball Retriever
- ★
- Folding Table (Banquet)
- Furniture
- Heaters: club house ☐
- hot water ☐
- Kitchen equipment: Dish washers ☐
- "Frozen food storage" Ice cube machines
- Ovens ☐ Food warmers ☐
- Ranges
- Refrigerators
- Slicing machines
- Seed: fairway ☐ green ☐
- Sod cutters ☐
- Soil screeners ☐ Soil shredders ☐
- Sprayers: power ☐ hand ☐
- Spikers: greens ☐ fairway ☐
- Sprinklers: f'way ☐ green ☐
- Sweepers (power or hand)
- Swimming pool architects ☐
- equipment ☐ filtration ☐
- purify. chemicals ☐ paint ☐
- Tee markers
- Tennis court surface material
- Topdressing
- Tractors
- Tractor tires
- Tractor wheel spuds
- Turf Pluggers
- Turf trimmer, border
- Water systems, fairway
- Weed chemicals
- Movies of Golf Subjects
- Pencils
- Portable motor tool
- Practice driving nets
- Preserver for leather
- Score cards
- Shoe spike wrench
- Sportswear: Shirts ☐ Socks ☐
- Sport jackets ☐ Rain jackets ☐
- Windbreakers ☐ Slacks
- Sprayer for Paint, etc.
- Tees (wood) ☐ plastic ☐
- Tee mats ☐
- Tees (rubber) for driving mats
- Tearing device (automatic)
- Tennis nets
- Trophies
- Linens, dining room
- Link Type Mats ☐
- Lockers
- Runners for aisles ☐
- Rugs ☐
- Showers ☐ Shower mixers ☐
- Shower clogs ☐
- Step treads
- Towels: bath ☐ face ☐
- Uniforms

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Send information to: Name ____________________________

Club ____________________________

Address ____________________________

Town ____________________________

Zone (_______) State ____________________________

March, 1949
LET GOLFDOM HELP YOUR OFFICIALS MAKE THE MOST OF 1949

Each month GOLFDOM presents the latest, most practical ideas on golf club administration, management, upkeep and service ... for time, labor and money-saving guidance of your officials and department heads. Help the right men at your club do the job right. Send in the form below so we can get them "on the beam".

FILL IN THE FORM BELOW — THEN MAIL THIS PAGE TO —
GOLFDOM, 407 SOUTH DEARBORN STREET, CHICAGO 5, ILLINOIS

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