starts Wed., June 16, and is completed on Friday, June 18, with a 36-hole final.

A Team Championship is played in connection with the qualifying round. Any club, school, or district golf assn. can enter a team of five players and the 3 lowest scorers of the five-man team determine the team score.

Goldthwaites at Houston
Frank and Howard Goldthwaite, of the Texas Toro Co. have opened a new golf course equipment and supply establishment at 1645 Bissonett, Houston. Above is part of the showroom and below is a section of the parts stockroom. With this new place, and the original spot at Ft. Worth, the Goldthwaites are in great shape for expanding the fine sales and service record they’ve set in the southwest.

"Gutty" Golf Ball Celebrates 100th Birthday
The "Gutty" golf ball is a hundred years old this year, according to William T. Brown, Vice President in Charge of Manufacture of A. G. Spalding & Bros., who said, "Back in 1848 when gutta
percha balls were first made they were rolled by hand on a flat board and were unpainted, being the natural brown color. When they were new and had a smooth surface they flew badly, ducking in their flight, and it was only after they were cut and scored by iron clubs they began to have a normal trajectory. In time the new balls were marked with the sharp end of a hammer, then came painting and eventually molding in iron molds which created a more uniform ball with regular markings."

According to legend, the first golf balls were round stones which shepherds hit with their crooks—using rabbit holes as their objectives. Later came a wood ball and then a hard leather case, usually horsehide, stuffed with feathers. The 'featherys' were difficult to make and were expensive, costing about four shillings apiece. The usual practice was to buy the leather cases, all stitched except for a small opening, from saddle-makers. It took a large hatful of feathers to stuff a ball tight and the feathers were boiled first. The life of a 'feathery' was completely unpredictable—a topped iron shot would ruin a brand new ball or if it got wet it was almost worthless. In spite of all these factors, as golf increased in popularity, a considerable quantity of 'featheries' were produced, mostly in St. Andrews, Scotland, where a man named Allen Robertson alone made around 3,000 a year.

Some early records show that King James VI in 1618 granted to a golf ball maker named James Melville a 21 year monopoly for making and selling balls in Scotland as well as importing, chiefly from Holland.

On page 133 of the “Book On Bon Accord” there's an interesting note which reads as follows: "1642—On the 11th of May 1642, the Council granted 'licence and tolerance to John Dickson, to use and exercise his trade of making gowff ballis within this burgh, and that he produce it and testifie from the toun of Leith of his bygane guid lyf and conversation amonst thame' Counc. Reg., vol. lii. p727."

The solid gutta percha ball of 1848, with improvements, eventually replaced the 'feathery' and was used until 1898 when the first wound rubber center with a gutta cover, based on the Haskell patent...
was manufactured. There's an interesting story in connection with the wound rubber center which is related by Mr. H. B. Martin in his book "Fifty Years Of American Golf." It seems that Mr. Coburn Haskell, who lived in Cleveland, went over to Akron to keep a golf date with Mr. Bertram Work, an official of the Goodrich Rubber Company. When Haskell arrived he found that Work was tied up and couldn't leave his office immediately. Haskell amused himself by wandering around the plant, saw some rubber strips, wondered if they couldn't be used in a golf ball and the birth of the wound rubber center which is used today, took place.

Horton Tournament Calendar

Horton Mfg., Bristol, Conn., makers of Bristol clubs, has issued its 1948-49 tournament calendar listing major events and as many important sectional events as space will permit. It's a frequently consulted display feature for a pro shop.

Cincinnati, O.—Matthew J. Braegger has been appointed gen. office mgr., MacGregor Golf, Inc.

Spalding Retirements Represent Record Total Continuous Service

Eight employees of A. G. Spalding & Bros. retire this year (seven retired on May 1st) after a total continuous employment with the company of over 300 years. Dean in number of years of service was 77 year old Louis Levy, foreman of the Cap department who started with the

LIQUA-VITA

The Complete Liquid Fertilizer

Will help keep your greens top quality in appearance and feel.

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

200 greenkeepers used LIQUA-VITA in 1947; over 500 are using it in 1948.

"There's a Reason"

Write for particulars.

AMERICAN LIQUID FERTILIZER CO., Inc. Box #267, Marietta, O.
company in 1891, 57 years ago. Jack Kilpatrick, supt. of the drop forge at the Chicopee (Mass.) plant is credited with forging more iron club heads than any other man in the world in the 48 years he was with the company. He came from St. Andrews, Scotland where he learned his trade.

Other contributors to the great game of golf who retired are: Bert Gleason, 43 years in the golf club and baseball departments; Otto Miller, 32 years, supervisor of the repair shop in Chicago; John Sokolowski, 30 years, with the rubber plant; George Chase, 32 years, tennis racket department; and William Phillips, 29 years, in the golf ball dept. Each man will receive a pension check twice a month as long as he lives under the Spalding Retirement Income Plan inaugurated in 1946.

New Lapping-in Method

All models of Worthington 30" gang mower units can now be honed or lapped-in with grinding compound, without the need of removing wheel or gear case cover. A servicing method devised by Clinton Kent Bradley makes this job a simple one. The mower can be blocked up and turned by hand crank, arbor socket, or by using the jacked-up tractor wheel. Sharpening can be done in mid season on a rainy day or in spare time, without tying up the units from regular mowing schedules. Patent claims cover drilling and tapping holes in mower parts to insert specially prepared cap screws which lock the unit in gear so the reel can be turned backwards. A water soluble grinding compound mentioned by Bradley some years ago in GOLFDOM, is available for the work. Details can be obtained from the Special Equipment Service, Box 511, Mountain View, N.J.
**Cleaning Plate**

"Pro-spin" metal toothed-plate for cleaning grooves of irons now being made by Raymond N. Valind, 5633 Edgemar Ave., Los Angeles 43, Calif. It's made in three sizes for different makes of irons.

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**New Peda Spray Dispenser Combats Athlete's Foot**

The Peda Spray Co., Inc., 26 East 42nd St., New York, announces manufacture of their new spray dispenser with aluminum tank. Previously constructed of steel and widely used in club shower and locker rooms the new dispenser is guaranteed for a period of twenty years against mechanical failure. The unit measures 26 inches in diameter and stands 5 1/2 inches high. The dispenser ejects a fine solution-mist to the feet, affording a complete individual application to each person stepping on the aluminum grill after leaving the shower room. The solution cannot be diluted or contaminated by drippings from the body, or by previous users as it has its own built-in drainage system. Users report from 12,000 to 16,000 applications from each filling of the 3 1/2 gallon tank.

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**Spectator Participation in Golf Tournament Play**

Materials for a form of monetary participation in golf tournament play for spectators and players alike that can accommodate an indefinite number of people, provide for any size commitment, unrestricted selection, which reflects a true and popular grading of entries and captures and holds the interest of all players and spectators is available for review by golf tournament committees considering future tournaments and club events. Committees planning lively open, sectional, invitation or championship tournaments may obtain the plan and copyrighted material by writing Milton C. Jones, 118 Jay St., Schenectady 5, N.Y.

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**Individual Ball Gage**

"Ball Master Golf Gage," an individual precision gage by means of which the player can quickly check his battle buffeted golf balls, is now available to golfers thru pro shops. Of stainless steel, each gage is machine bored to plug gage precision and chamfered to protect ball cover paint. Slightly larger than a key ring, it comes in a leather case, sells at a popular price, with a liberal profit for the professional. A good accessory for the player who may find many of his hooks and slices are not his fault after all, but due to out-of-round "oldies"; a good item for the pros for selling more golf balls. The new ball gages are made by Ball-Master Golf Gage, Sales Div., Fox Bldg., Philadelphia 3, Pa.

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**Pennsylvania's New Mower**

A new power lawn mower has been developed by the Pennsylvania Lawn Mower Division of American Chain & Cable Co., Inc., Camden, N.J. This Model R powered mowing unit is made of high quality castings and hardened steel. Scientifically designed with sufficient weight to give maximum traction, this new mower has an 18" cut and a net weight of 111 lbs. It has these outstanding features: Powered by a Briggs & Stratton 3 1/2 H.P. engine. Stub tooth gearing. Hardened steel sprockets. Special life-time ball bearing clutch. Ball and oil retaining bronze bearings throughout.

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**A PARI MUTUEL EXCHANGE**

on a Golf Tournament allows all to participate

Rapidly Replacing the Calcutta Tournament Committees can now privately conduct this exciting feature by using our kit of printed material Inquiries confidentially handled

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**GOLF BALLS & EQUIPMENT**

NORTHERN HAS A COMPLETE STOCK OF:

- GOLF BALLS,
- CLUBS, MATS,
- PUTTERS, TEES,
- ETC. FOR DRIVING RANGE & MINIATURE COURSE

Write for 1948 Prices

NORTHERN BALL CO.
3441 N. Claremont Ave., Chicago 18, Ill.

June, 1948

**Thomson Stages Golf Clinic**

Jimmy Thomson, golf’s famed long distance driver, and for years a bright star in the tournament circuit, scored top rating in enthusiasm of B. F. Goodrich company golfers as guest of honor at their recent annual “Tee Party” in the Rubber City. Akron’s press gave Jimmy, a member of Spalding’s golf advisory staff, a great play for his conduct for a golf clinic which he staged for the benefit of Goodrich swingers.

**New Chemical Weed Control Booklet**

Just off the press and ready for mailing to those who want to keep up-to-date on the more common weeds and obnoxious grasses infesting golf turf, their control chemicals and treatment methods, is a new 32 page booklet “Chemical Weed Control” by The C. B. Dolge Co., Westport, Conn. The interesting, informative book covers the three kinds of weeds, annuals, biennials and perennials, Dolge’s two types of chemical weed killers and their distinctive advantages, dilution proportions for various weed controls, methods and equipment for application. Of special interest to greenkeepers are articles on weed treatment of blue grass and fescue turf, crab grass and fish ponds. Dolge also has ready for turf management men, a folder on their new chlordane product “Solexto,” for control of ants, Jap beetles and grubs, chinch bugs, etc.

**“Caddie-Cloth” Gets Fast Start As New Pro Item**

The idea of a utility type of towel for personal use around the course apparently appeals to golfers judging from the lively demand that has welcomed the arrival of “Caddie-Cloths.” This newest addition to the self-selling, low inventory line of pro shop accessories is an absorbent, combination hand and tidy towel, 18” x 12”, with a gripper fastener in one corner. It can be snapped to the golfer’s bag or belt, thus eliminating the bulky knot when one of the club’s hand towels is used, as well as the rather sizeable item of expense to the club. Three “Caddie-Cloths” come in a cellophane pack; a neat sales card in each pack provides space for pro
# 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: f’way □ green □
- Drinking fountains
- Electric Plant (Portable)
- Fencing
- Fertilizers
- Flags (greens) □ Flag poles □
- Flood lights
- Fungicides
- Fungicide applicators
- Golf Course Const’n Engineers
- Hedge trimmers
- Hole cutters
- Hose, ¾” □ 1” □
- Humus
- Insecticides
- Leaf rake (power vacuum)
- 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)
- Seed: fairway □ green □
- Sod cutter
- 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
- Tractors
- Tractor tires
- Tractor wheel spuds
- Turf Pluggers
- Turf trimmer, border
- Water systems, fairway
- Weed chemicals

## Pro Shop

- Bag towels
- Bags: canvas □ leather □
- Bag carts, for players
- Balls: Regular □ Range □
- Ball cleaner (individual)
- Ball markers □
- Bandages, adhesive
- Buffing motors
- Caddie badges □ uniforms □
- Carts, for shoes
- Caps and hats
- Chrome refinishing kit for golf shafts
- Clubs: Woods □ Irons □
- Putter □
- Club head covers
- Club repair supplies
- Club separators for bags
- Detachable cleated shoe plates
- Dressing for grips □ bags □
- Golf gloves
- Golf Grips: Leather □
- Composition □
- Golf Practice Devices □
- Golf Practice Glove
- Golf shoes
- Handicap boards
- Handicap racks □ cards □
- Mechanical Golf Ball Retriever
- 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
- Tees (wood) □ plastic □
- Tee mats □
- Tees (rubber) for driving mats
- Teeing device (automatic)
- Tennis nets
- Trophies

## Club House

- Air conditioning equip.
- Athletes foot preventives
- Bath mats
- Bath slippers
- Disinfectants
- Fire protection equipment
- Floor coverings
- Furniture
- Kitchen equipment:
  - Dish washers
  - Frozen food storage
  - Ice cube machines
  - Ovens □ Food warmers □
  - Ranges
  - Refrigerators
  - Slicing machines
  - Heaters: club house □
  - hot water □
- Linons, 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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*June, 1948*
GOLF DRIVING RANGES
all along the Atlantic Sea Coast
are adding
ARLAND Designed and Built
MINIATURE GOLF COURSES
for extra dividends

Hotels and Summer Resorts are also
adding Miniature Golf Courses
for recreation and sport.

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Handball Courts, Golf Driving Ranges
"Professionally Planned"

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PEAT FOR GOLF GREENS
Top dressing. Fine Black Cultivated peat. Works in
and mellows Green. Will not Ridge. Bulk twenty ton
cars $10.00 Ton.
Packed in burlap bags $16.00 per ton carloads less.
Half bale bags, 7 1/2 bushel, granulated peat moss
$1.50 each. Quotations F.O.B. Hanlontown, Iowa.

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It's
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Made of the finest, kiln dried, second growth, tough White
Ash. Tapered from approximately 1" at bottom to 3/4" at
top, and fitted with flanged aluminum ferrules to fit stand-
ard 1 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

Stroke-Saver Clubs Popular
Recent surveys of clubs in pro shop
storage show surprisingly large percent-
age of private club members are playing
the Beckley-Ralston Stroke Saver original
models. Chuck Tanis, pro at Olympia
Fields CC (Chicago dist.) in going over
clubs in his racks found that 10 per cent
of Olympia Fields members had either the
Stroke Saver putter, approach cleek, chipp-
er, or one of the niblics.

Since the introduction of the new de-
signs of these short game clubs there's
been a sales spurt greater than the line
ever has experienced in its 25 years.
Special displays of putters and other short
game special clubs in pro shops have

featured the Stroke Savers and brought
cash from many a "sleeper" sale into
pros, says Al Krick, sales mgr., Beckley
Ralston div., Rutledge Outing Equipment
Co., 3333 Belmont, Chicago 18.

Krick boasts of the Stroke Savers being
pet clubs of the 80-year-old, San Diego,
Calif., James I. East, who has 106 aces.
One hundred of East's aces were made on San Diego's Presidio Hills club, which is a pitch-and-putt course with holes of 45 to 110 yds. long, and six on the La Jolla full length course. Even the aces on the pitch-and-putt course represent a larger number of approaches holed than is to the credit of most pros and amateur stars.

Patterson Glove Fitted to Mechanics of Golf Swing

The designer and maker of the recently introduced "Pat" Patterson golf glove is the same famed "Pat" Patterson who, from 1927 to 1938, won 211 trophies competing against world's fastest outboard motor racers and in 1936 made them all swallow spray in the International Races. Having conquered the aquatic world "Pat," who for 33 years has advocated athletic sports as a builder of better Americans, took up golf in 1941 and four months later shot a 76 at Hudson, N.Y. "Pat" noticed that slippage started at the top of the swing and began to plan a glove that would be a functional part of the swing's mechanics. He gives credit to the many pros and the glove makers who advised him, and especially to "Babe" Zaharias who uses and endorses the "Pat" Patterson glove. Though recently introduced through pro shops the glove already is well on its way to popularity. Full particulars may be had from: The "Pat" Patterson Corp., Box 200, Cloversville, N.Y.

THE PERFECT SOLUTION TO A TROUBLESOME GREENS PROBLEM

PISTON TYPE TURF PLUGGER

To remove ball bruises, ant hills, worm casts and weeds from greens, simply push "Greens Doctor" into damaged spot. It removes a neat plug of turf 2" deep, 1¼" diam. Push handle and piston ejects plug. Then lift plug of good turf from edge of green, insert in hole, and presto—green is good as new! Order today!

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P. O. Box 404, N.W. Station
Detroit, Michigan

NUTRIA PEAT SALES COMPANY
500 Stinson Blvd. Minneapolis 13, Minn.

A valuable soil amendment for green dressing mixtures and green construction. Cuts labor costs.

MURDOCK Outdoor Drinking Fountains and Hydrants
Add more next season.

The Murdock Mfg. & Sup. Co.
Cincinnati 2, Ohio

CREEPING BENT STOLONS

RICHMOND, VIRGINIA
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MADISON, WISCONSIN
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Old Orchard C 52

All fresh virile stock and less than one year old.

Address all inquiries to
Old Orchard Turf Nurseries
P. O. Box 350
R. R. Bond, Prop.
Madison, Wisconsin

THE GREENS ARE THE FOUNDATION OF ALL SUCCESSFUL GOLF COURSES

June, 1948
Noer Soil Profile Sampler

Of widespread interest among greenkeepers and other turf management men is the quick and easy operating new soil sampler designed by O. J. Noer, agronomist of the Milwaukee Sewerage Comm., and now in production by West Point Lawn Products, West Point, Pa. The new tool is of welded construction, handle of seamless steel tubing, shell of cold rolled steel; entire implement is chrome plated. The Noer Soil Profile Sampler, as the tool is known, takes a sample of soil seven in. deep, three in. wide and one-half in. thick. Cutting shell is made in halves which are easily opened up to make entire surface of sample visible for examination. By leaving sample in the half shell it may be slipped back into place, or preserved for exhibit or study. A collection of such preserved soil samples would prove an interesting and informative exhibit for greenkeepers to display in discussing soil and turf needs with their officials. The tool is excellent for checking root growth, detecting "layering" and determining the extent of water penetration and revealing the need of aerification. The Noer Sampler may be had from course equipment dealers or from West Point Lawn Products, West Point, Pa.

85 Years of Lewis

Steve Parks, gen. sales mgr., G. B. Lewis Co., Watertown, Wis., is celebrating 85th birthday of the company, noted maker of wood products and in golf famed as maker of Lewis golf ball washer since 1925. L. Mollart, an engineer and golf enthusiast, devised the washer, and Parks, also an ardent golf fan, made it a great market success. The Lewis washer was modernized in design in 1941 and now is used on courses all over the world. Steve is the fellow on the cover of the current Lewis ball washer catalog. The handsome woman at the tee with Steve is his wife who also is a far better than average golfer.

New Weed Mower and Sprayer

New equipment which delivers a double knock-out punch to weeds has just been introduced by James Cunningham, Son & Co., Rochester, N.Y., and is designed to work as an attachment on the Cunningham Sickle Bar Mower. The unit—designed in cooperation with leading agricultural colleges throughout the country and manufacturers of spray solutions—mounts four spray nozzles on a boom directly behind the sickle bar. These nozzles shoot a fan type spray down on the