

NEW FEATURES FOR GREATER SALES

NEW WOODS...Two head models. Cherry with red and white face insert. Black with black and white.

NEW IRONS...More compact. New tapered hosel.

NEW SHAFTS...Woods and irons have new True Temper ROCKET Shafts. Stronger, tougher steel. Stepped-up speed and power.

NEW GRIP...New *All-Play* grip—playable in any weather. Exclusive rubber and fabric composition. Red with gold spiral fill-in. Also famous leather spiral wrap-around grip.



Top-Flite

REGISTERED
WOODS & IRONS

NEW
FOR '54

New advances in playing qualities
New dramatic styling

If you think '53 was big...
watch Synchro-Dyned Clubs in '54!

Synchro-Dyned Clubs—the Spalding exclusive
—that rocked the industry
—that revolutionized club-making
—that broke every sales record
—that brought lower scores and new enjoyment
to thousands of golfers, *will sell even
bigger in '54!*

For '54 we have...

—made new advances in the playing qualities
—styled the clubs with new dramatic "buy appeal"
—And we're stepping up the advertising, going
beyond the '53 campaign which you tell us
produced such wonderful results for you.

Remember: Every set of Synchro-Dyned Clubs
you sell starts the sale of many more. Every
enthusiastic purchaser tells another. It's a chain
reaction. So you'll want to get going *early* on
the '54 models. Early orders mean
early deliveries.

SPALDING TOP-FLITE Synchro-Dyned
Clubs are sold through golf
professionals only.

IDENTICAL CONTACT FEEL in each club in the set

Using a new, exclusive formula, Spalding
engineering completely controls the cen-
ters of gravity and shaft action of each
club in the set. Every wood, every iron
has identical contact feel. It's never been
done before. It gives the player—

Uniform Timing • Greater Accuracy
—reduces tendency to hook or slice
New Ease of Shot Control
Greater Distance • Lower Scores

be used as a topdressing and lightly raked into the surface with a Del Monte rake or other approved tool.

Arsenate of lead and dolomite shall be incorporated throughout the topsoil at the time of mixing and before placing. This will prevent earthworms and grubs for a 7 to 10-year period.

NOTE: The fertilizer shall not be mixed into the soil for the No. 2 buffer zone during the same operation in which it is mixed for the putting green proper and the No. 1 buffer zone.

After the putting green is brought to a fine grade it shall be compacted to produce a firm seed bed, not tight or loose. The putting green proper shall then be stolonized with 7 bushels of C-7 Bent grass (Cohansey) per 1000 sq. ft. The stolons lightly firmed into the surface and covered with a medium topdressing at the rate of 9.35 cu. ft. per 1000 sq. ft. of the same consistency of the imported prepared topsoil of the putting surface and shall be very lightly rolled, then be maintained in accordance to watering in a manner that is conducive to plant growth.

NOTE: In topdressing stolons it should be understood that from a standpoint of growth and quick coverage, light topdressing gives the best results.

5.2 cu. ft. per 1000 sq. ft. is considered a light top dressing

9.36 cu. ft. per 1000 sq. ft. is a medium topdressing

14.5 cu. ft. per 1000 sq. ft. is considered a heavy topdressing.

WATERING

When establishing stolons on a large scale consideration should be given to the ability of being able to keep the planted areas moist at all times. If a light topdressing gives enough protection then the smaller quantity should be used. The type of topdressing being used should also be considered in regard to sand, soil and peat.

If watering is going to be a problem then the medium rate of topdressing should be applied. In either case it will be necessary to keep the planted areas moist, not wet, at all times until the stolons are firmly established. Until seeded and stolonized areas of the greens are firmly established watering shall be accomplished by hand. Fine spray nozzles shall be used and should be held perpendicular so that the water falls like a gentle rain.

It should be understood that watering is one of the most important functions in golf course maintenance and personnel should be thoroughly trained in this operation.

With a hoseless sprinkling system the

use of sprinklers for watering greens, with careful supervision, may be started much earlier during the establishment period than with portable sprinklers.

The 8 ft. No. 1 buffer zone shall then be seeded at the rate of 3 lbs. per 1000 sq. ft. with Certified Blue Tag Seaside bent seed and the seed should then be raked lightly into the surface. The area shall then be lightly rolled and kept moist, not wet, at all times until the seedlings are thoroughly established.

NOTE: It is suggested to the contractual party and the golf course architect that consideration should be given, if sufficient stolons are available and if the difference in price is not a consideration, to also stolonize the No. 1 buffer zone to C-7 Bent grass (Cohansey). In this way there will not be any danger of the Seaside bent seed being mixed into the C-7 Bent grass.

There shall be a 1 ft. wide strip left unplanted between No. 1 and No. 2 buffer zones. The No. 2 buffer zone shall then be sprigged with U-3 Bermuda grass at the rate of not less than 3 bushels per 1000 sq. ft., then smoothed and kept watered at all times until the sprigs are thoroughly established.

There shall be a 2 ft. strip left unplanted between the No. 2 buffer zone and the shoulders of the green. The shoulders shall then be fertilized with 40 lbs. of a grade 10-5-5 organic base fertilizer per 1000 sq. ft. The fertilizer is to be incorporated into the soil with suitable tools to a depth of 1 to 2 in., then be sprigged with Bermuda-grass.

Sprigging shall be done when there is sufficient soil moisture for plant growth and left in a smooth playable condition and to be maintained by watering in a manner conducive to plant growth.

The unplanted strips are left between the buffer zones to prevent the encroachment of the more aggressive grasses into the less aggressive grasses before they are firmly established.

To facilitate maintenance of grades for No. 1 and No. 2 buffer zones, shoulders of the greens, mounds and undulations shall be such that they may be maintained with gang mowers or multiple reel power mowers without scalping and to encourage the very best in turf and subsequent low cost maintenance.

FAIRWAYS AND ROUGHS

The fairways and roughs shall be tilled to a 4 to 6 in. depth in a manner that will not produce large lumps or clods and shall be brought to a suitable grade and tilth

(Continued on page 68)

Sell **SWEET SHOT** and you sell **SATISFACTION!**

YES, a Sweet Shot customer is one you can really *count on*, because a Sweet Shot sells itself for good—with bonus distance, greater accuracy on the fairway and on the green.

Superior performance is built right in the Sweet Shot. It has an ultra-high compression, super-charged power center. This is wound with F-239 vita-life pure rubber thread by Worthington's exclusive dyna-tension winding process. It's construction that pays off big in distance and accuracy for your better golfers!

It can pay off big for you, too, because the Sweet Shot is advertised and sold **EXCLUSIVELY PRO**. So feature and recommend Sweet Shot. The Worthington Ball Company, Elyria, Ohio.



49th year, Specializing
in Golf Ball Manufacture



Worthington

WORLD'S LARGEST EXCLUSIVE GOLF BALL MAKER

Playground Golf Added to D. C. Recreation Program

By MILO F. CHRISTIANSEN

“BOGEY,” “divot,” “duffer,” “stymie?” Yes, the children of Washington, D. C., know what these golf terms mean, and what's more they're learning to play golf!

Last summer the D. C. Recreation Department inaugurated an intensive campaign encouraging the children on their playgrounds to learn golf. And learn they did! Thousands of children on 131 playgrounds learned stance, grip, and swing and finished the summer by competing in a real tournament.

It all started in September 1951 when Mr. Harry Wender, Chairman of the Recreation Board, invited the pros and leading amateur golfers of Washington to plan a program of Playground Golf for the boys and girls of the city. More than forty representatives of golfing interests from public and private clubs, civic organizations, sporting goods stores, and the Professional Golf Association met with members of the Recreation Department staff to consider the plan. The program was not designed to interfere with existing programs at the various clubs, public links, or driving ranges but it was pointed out that in time it would increase participation at these locations by developing more interest in golf at a younger age level. Full support to the program was pledged by all with many pros and amateurs volunteering their time for instruction and promotion.

Poster Contest

In the spring a poster contest was launched with a twofold purpose; to create interest, and to secure donations of clubs, bags, and balls. Prizes were awarded for the winning posters and all were placed in store windows and on playgrounds. The equipment received, though not in the best condition, was patched up and distributed to the various playgrounds.

Clinics at Playgrounds

Golf clinics were held on the playgrounds during March with pros and amateurs there to talk golf, show movies, and teach. Driving nets, plastic balls, and driving machines were available on the playgrounds for practice and instruction. By the end

of August there were enough boys and girls with sufficient knowledge of the rules and a fair amount of skill to compete in a tournament. The operator of the public links set aside two of his courses for a day and juniors and seniors played as guests of the management. The tournament was divided according to age and sex with juniors 14 and under and seniors 17 and under. Each region of the city selected its best players and prizes were awarded the winners.

The purpose of the golf program was to stimulate interest by providing experiences and opportunities in a real golfing situation, not by creating miniature courses or playing tin can or clock golf. Playground directors used their ingenuity in creating a variety of experiences which approximated an actual golf situation. Some playgrounds were near enough to a public course so that the boys and girls could actually play on a real fairway and green. Others set up putting greens and sometimes there was room for approach shots. These situations were supplemented with driving nets and the Folda-Fairway Home Golf Course. This machine consists of a ball fastened to a line which winds around a drum when the ball is hit. The position it takes on the drum indicates whether the ball would have gone straight down the fairway, slightly to the right or left, or would have sliced or hooked. The machine is also calibrated to show the length of the drive. These machines are light in weight and could be carried from one playground to another, thus increasing their use. It is planned to buy a number of additional machines and extend their use next spring and summer.

Some playgrounds used the Folda-Fairway and created a synthetic golfing situation by setting up distances and pars for an imaginary course. The player would determine the length of his drive and take his second shot on the machine using the club he thought would be necessary to get the green. Once on the green he would measure off the distance of his putt on a

\$25,000 Trio!

This BALL
MacGregor "MT"

This MAN
Lew Worsham

and this CLUB
MacGregor "MT"
Double Service



...scored the amazing eagle on Tam's par 4 - 18th to win the **"WORLD" CHAMPIONSHIP** and **\$25,000!**

There never was a golf shot like Lew Worsham's when his "MT" ball dropped into the cup for an unbelievable eagle on Tam O'Shanter's 18th hole. The 1953 "World" Championship and \$25,000 first prize were his! Without a doubt, this was the most dramatic and most valuable golf shot in history.

Lew needed a birdie on the last hole to tie for the title. After a tremendous 300-yard drive, he was about 110 yards from the pin with a crowd of thousands watching, plus millions more on television. Lew selected his MacGregor "MT" Double Service iron. The ball flew high into the air — and to the amazement of the whole sports

world, the ball rolled up to the cup and in!

With one superb swing of his "MT" club, Lew Worsham became the most sensational golfer of the year.

Past winner of the U. S. National Open and Ryder Cup Star, he is a valued member of the MacGregor Golf Advisory Staff.

MacGregor
THE GREATEST NAME IN GOLF
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putting green; use a tin can for the cup, and finish the hole. In this manner there could be real competition among players. Many adults found enjoyment in playing "lazy man's golf" in this way and would ask to have the machine reserved for them after dinner.

Testing for Achievement

To provide the children with some measure of their ability an achievement program was inaugurated. Four tests were prepared which would cover background, terminology, and skills. The purpose of the tests was to encourage more participation in the Playground Golf program, acquaint the children with fundamental and basic skills, and give them a playing knowledge of the game. The tests are designed so that the first three can be passed on the playground, only the fourth needing an actual course situation. Sleeve patches were awarded upon the completion of each test and indicated whether the child was a "Turfmite," "Duffer," "Divoteer," or "Junior Master." (See illustrations.)

THE TESTS

These tests are to be given all boys and girls on our units who wish to participate in the Playground Golf Program and when they have successfully passed them they will become members of the unit golf club.

The purpose of these tests is to:

1. Create, stimulate, and encourage more participation in the game of golf among the playground boys and girls.
2. Acquaint the boys and girls with the fundamental and basic skills of the game.
3. Awaken in the boys and girls a playing knowledge of the game.

After satisfactory completion of each test, designated patches will be presented to each candidate.

Turfmites (Beginners' Test) — Test No. 1

1. A brief knowledge of the "History of Golf."
2. Golf courtesies.
3. Definition of the following basic golf terms:

(a) course	(j) flagstick
(b) teeing	(k) ball-washer
(c) green	(l) rack
(d) hole	(m) tee-marker
(e) stroke	(n) starter
(f) fairway	(o) golf-attendant
(g) rough	(p) complete golf equipment
(h) tee	
(i) sand-trap	



Colorful sleeve patch awarded to youngsters passing final golf test.

Duffers — Test No. 2

1. Identify golf clubs and know their uses.
2. Proper grip and stance.
3. Ability to use correctly the following clubs:

(a) driver	(b) putter
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4. Definition of the following golf terms:

(a) side	(e) par
(b) through the green	(f) honour
(c) hazards	(g) bogey
(d) out of bounds	(h) caddie
	(i) fore

Divoteers — Test No. 3

1. Completed swing of all clubs.
2. Judging distances for correct usage of clubs.
3. How to check wind direction and contour of the hole for play advantages.
4. Definition of the following golf terms:

(a) penalty stroke	(i) mixed fore-some
(b) addressing the ball	(j) scotch fore-some
(c) loose impediments	(k) best ball
(d) stance	(l) eagle
(e) match play	(m) ace
(f) medal play	(n) birdie
(g) handicap	(o) blind bogey tournament
(h) lost ball	

Junior Masters — Test No. 4

1. Ability to use all clubs in a game situation.
2. Ability to score a game.
3. Demonstrate proper golf etiquette.

Although the achievement and award programs were late in starting, much interest was shown and it is planned to continue through the winter with an award night in the spring when all youngsters will receive patches for the tests they passed during the winter. An interesting program with movies, demonstrations, and a "name" golfer to make the awards should be a grand "tee-off" for the spring and summer program.

Naturally some flaws in programming and promotion were discovered, but by and large the results were more than satisfactory. Golf is now accepted as an integral part of the D. C. Recreation program and just as important as any other sport conducted by the department.

Playground Golf as promoted by the D. C. department is new to the public recreation movement. Washington is believed to be among the first if not THE first city to add golf to its recreation program on a par with other sports. It is hoped that other cities will follow their lead and bring golf within the reach of the children of America. The youngsters of today will be the golfers of tomorrow. Who knows? One of the boys who took his first swing last summer may win the National Amateur in 1962!

Caddies "Celebrities" Show Big Hit at Columbus, O.

CELIBRTIES" tournament held at Scioto CC, Columbus, O., as curtain-raiser of the National Caddie Assn. tournament drew about 7500, mostly teen-agers ecstatic at seeing Eddie Fisher, Perry Como, Fred Waring, Martin and Lewis and Miss Photoflash of 1953 in the meat.

Miraculously 9 holes were played at Scioto without any of the crowding, clamoring kids getting hit. Pro talent included Burkemo, Burke, Jr., Worsham, Demaret, Toski, Douglas, Penna, Middlecoff, Oliver, Shute, the Bauer sisters, Heggie, Nichols, and Harry Obitz and his "golf ballet" team of Jack Ryan, Steve Dudas, Al Nelson and Dick Farley.

Especially interesting was the kids' enthusiastic reaction to the exhibition of shot-making in the "ballet" act Obitz and his staff worked out at Waring's Shawnee CC. That and Jimmy Nichols' one-armed performance apparently got many of the kids wanting to make shots themselves.

Dizzy Dean and Eddie Arcaro were among celebrities playing.

Newspaper publicity on the tournament and the premier of "The Caddy," new Martin and Lewis picture, was greater and livelier than any other tournament coverage we've ever seen. State Auditor James A. Rhodes, founder of the National Caddie Assn., and Bob Husted, Jr., Rhodes' representative in charge of the affair, did a great job. Cooperation of Charles Vittitoe, PGA Caddie chmn., and Tom Crane, PGA executive sec., Paramount Pictures publicity staff, and Columbus officials, headed by Mayor Oestreicher, was energetic and complete.

Martin and Lewis, on behalf of Paramount, presented Rhodes with an \$8000 check at premier, representing proceeds of the opening night. Next year Paramount plans to have world premier of a Hope and Crosby picture as a Caddie tournament feature at Columbus, with Bing Crosby and Bob Hope playing in the curtain-raising tournament.

Harry Wismer was ringmaster of the tournament and the premier, in his characteristically highly competent manner.

May Signs Worsham to \$35,000 Exhibition Deal

Lew Worsham, whose spectacular sinking of an approach shot for an eagle two won him the \$25,000 first prize in the 1953 World Championship at Tam O' Shanter CC, has been signed to a contract to play exhibitions under the sponsorship of the George S. May Co. The contract runs for one year and guarantees Worsham 35 exhibitions at \$1,000 plus expenses for each appearance.

Providing for a possible 50 exhibitions per year at the same fee, May indicates that a similar contract is to be offered each year's World Championship winner. With top money for the coming year already raised to \$50,000, this places a total potential value of \$100,000 on winning of the tournament.

The schedule of exhibitions, which will cover the United States and Canada, will be announced as cities and dates are selected. Executives of the George S. May Co. field staff will cooperate in planning the schedule and setting up local arrangements. "This means that many local communities which would never have the opportunity of seeing an outstanding golf player will now be able to see a top professional each year," says May.

TRUE TEMPER ROCKET

A new golf shaft with



1. Stepped-up power

A newly-developed type of boron steel that is stronger, tougher, has greater shock resistance than any steel ever before used in golf shaft construction, gives the new True Temper Rocket Shaft outstanding power without increased weight.

2. Stepped-up speed

New design of the True Temper Rocket Shaft, with extra "step" construction and reduced tip diameter, improves club head action, "feel" and speed at impact.

3. Player fitted action

The True Temper Rocket Shaft is made in all degrees of flexibility necessary to provide each type of player with clubs that have shaft action to match his power and speed of swing.

Golf professionals are invited to write for a wall chart that gives the details about this newly-developed golf shaft. Write True Temper Corporation, Cleveland 15, Ohio.

TRUE TEMPER

Look for the
ROCKET
brand in the band

*the degree of stiffness is
indicated as follows:*

ROCKET

For the swinger who wants
more shaft action.

ROCKET STAR

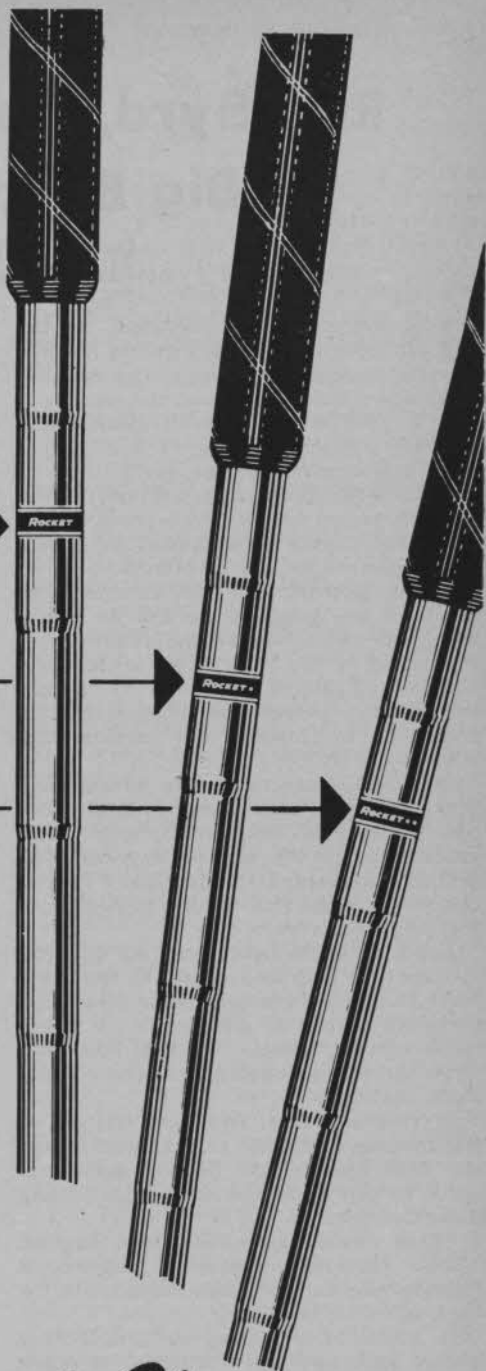
For the topnotch amateur.

ROCKET TWIN STAR

For the powerful-hitting big
tournament contender.

**ALSO SUPPLIED IN SPECIAL-ACTION
MODEL FOR LADY GOLFERS**

Leading golf club
makers have thor-
oughly tested, ap-
proved and adopted
the True Temper
Rocket Shaft for use
on their finest 1954
club lines.



Golf Shafts of Champions

Roy Byrd, Home Club Pro, Is Big Builder of Golf

By ED SATTERFIELD
Golf Editor, Muncie (Ind.) Star

HIS name is not included in the archives of golfdom's greats nor has it ever been a by-word in the nation's clubhouses, but he has won the esteem of over a 100,000 residents of Muncie and Eastern Indiana because of his competence and devotion to the game.

That is the story of Roy Byrd, for the past 30 years pro at Minnetrista Municipal Golf Course, located near the downtown business section of Muncie.

This is probably the last summer that the boys are going to be able to knock the little white ball around Minnetrista. Purchased by the Muncie city schools, the nine-hole, 3,150 yd. layout is to be converted into playground and recreation areas for a proposed new senior high school.

Byrd and Minnetrista grew up together. The golf course was opened in 1922 under the auspices of the old Dynamo Club, predecessor to the Muncie Jaycees. The ground was loaned to the club—free of charge—by the Ball family, pioneer fruit jar manufacturers.

A native of Muncie, Byrd cut his golf eye teeth in 1910 as a caddie at the Delaware CC, which is still in existence. This exclusive layout is situated about three miles east of Muncie. In 1920 and 1921, Byrd served as assistant pro there under Jack Blakeslee.

In 1923 and 1924, Byrd was the pro at the Connersville, Ind., CC. It was during the 1924 season that he also agreed to serve as pro at Minnetrista, thus holding down two jobs.

"That was a nightmare," Byrd laughed. "After the 1924 season I resigned at Connersville and took the Minnetrista job on a full-time basis."

In length of service at one club Byrd is one of Indiana's Old Faithfuls. A check of the records reveals that only Johnny Sonnenberg of Fort Wayne's Foster Park course approaches him. Sonnenberg has been at Foster Park for 28 years.

Back in 1922 the Muncie Dynamo Club, predecessor to the Junior Chamber of

Commerce, conceived the idea of a municipal course. The matter of financing was through the sale of memberships, with \$5,000 being obtained in this manner. Roy M. Thomas, local industrialist, chipped in with another \$5,000. The Ball family, pioneer glass jar manufacturers, contributed the land.

Preliminary plans made in 1922 did not bear fruition until 1924, when Minnetrista was opened for public play. Byrd came to Muncie in 1923 to supervise the program.

Originally, Minnetrista consisted of only 40 acres, with 2,450 yards of playing area. Through the untiring efforts of Byrd, the course received a face lifting in 1928. At that time, work was started on redesigning a new 9-hole layout for a 3,150 yd. course on 53 acres.

In the meantime, the Dynamo Club had appointed a committee to look after the golf promotion and the sale of memberships was continued. Officers of the golf club were selected from the membership.

In 1928, after the Dynamo Club had been disbanded and the parent Chamber of Commerce had taken over operation of the course, the latter organization asked to be relieved of the responsibility of supervising the Minnetrista course. The Muncie YMCA agreed to take over the project, with the Ball brothers deeding the property to the "Y." In February, 1952, the property was purchased by the Muncie city schools.

The change in supervising management did not affect Byrd's status. However, the veteran pro, who was required to submit operating and expenditure reports, with recommendations, to the "Y" board of directors, asked that group to give him a long-term contract instead of a one-year arrangement, which had been its policy.

"Because of the problems involved in long-range planning, I felt that one-year contracts were inadequate," he said.

Evidently the board of directors felt the same way about it because at its next