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New Brunswick, N. J.



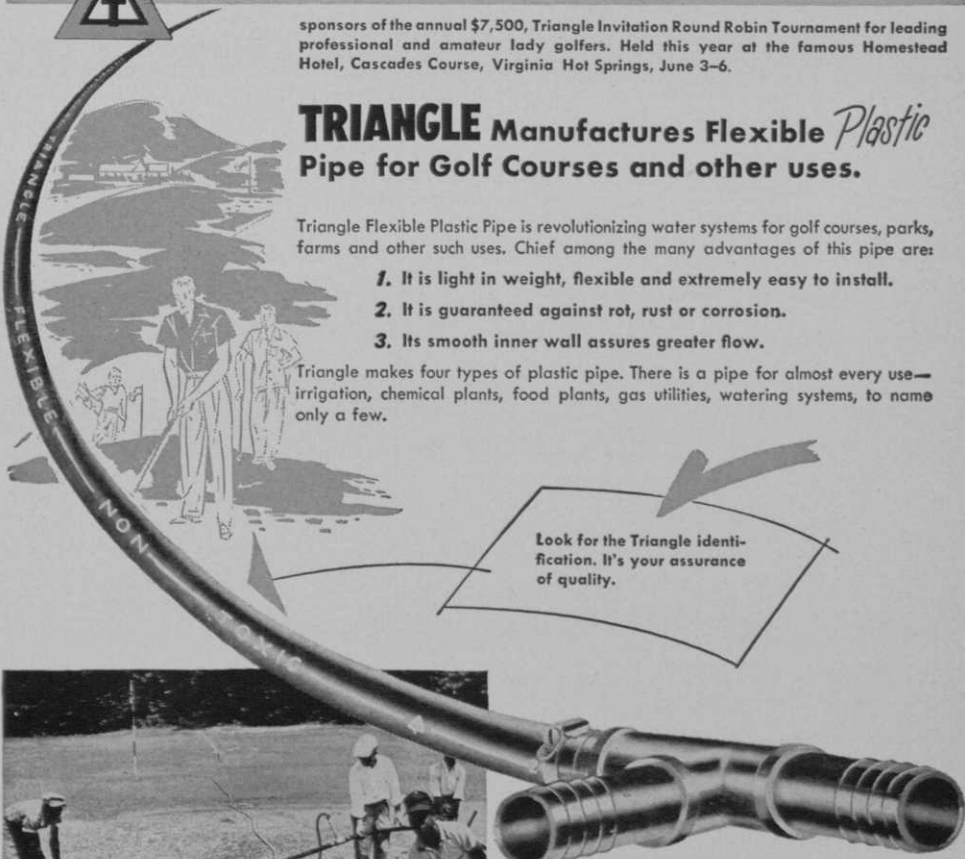
sponsors of the annual \$7,500, Triangle Invitation Round Robin Tournament for leading professional and amateur lady golfers. Held this year at the famous Homestead Hotel, Cascades Course, Virginia Hot Springs, June 3-6.

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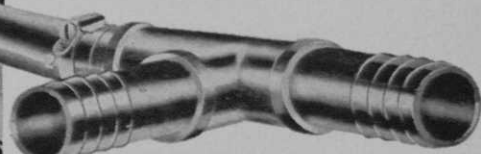
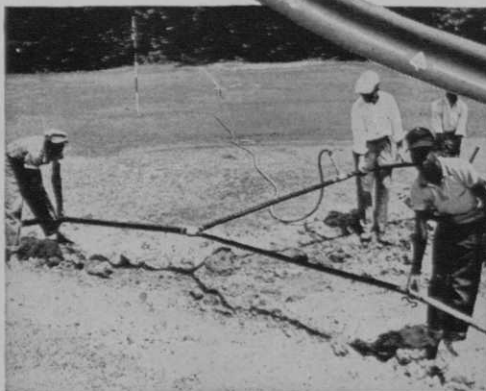
Triangle Flexible Plastic Pipe is revolutionizing water systems for golf courses, parks, farms and other such uses. Chief among the many advantages of this pipe are:

1. It is light in weight, flexible and extremely easy to install.
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Triangle makes four types of plastic pipe. There is a pipe for almost every use—irrigation, chemical plants, food plants, gas utilities, watering systems, to name only a few.



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No straight line ditching, no expensive digging machinery, no elaborate joining tools needed when you use Triangle Plastic Pipe. It's light and flexible. A small crew can install it quickly.

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... Play not possible on 84 days so daily average of play of 112.

Hillsdale (Mich.) G&CC opening addition to its locker-room this spring . . . Frank Refner again back on job as Hillsdale's pro, having started there shortly after early French explorers found the place . . . Frank as usual ate well the past winter . . . He and Al Dogman, Blaney Park course supt., go buck hunting every fall near Blaney Park and the sure-shots never miss.

Michigan Open and PGA championships to be at Lakepointe CC where Gabe Bannick is pro . . . Michigan state pro-am at Battle Creek CC with Ron LaParl as host pro . . . Port Huron, Mich., Times-Herald made big picture and biographical feature of Fred L. Riggin, Sr., 50th anniversary with Mueller Brass Co., of which company he is pres. . . . Fred is pres., National Golf Fund., American Seniors and one of the liveliest, grandest of a great tribe of senior golfers.

Hurrah for Mrs. Waco Turner . . . She's putting on a \$5000 Open for women at Dornick Hills CC, Ardmore, Okla., Sept. 23-26 . . . Like Waco's \$15,000 Open for the men, Madam Turner's event will have extra prizes for birdies, eagles, lowest rounds . . . Dornick Hills pro, Mr. Dutch Harrison was last year's tough luck champion on a special prize deal . . . He made an ace at Tam O'Shanter where George S. May offered \$1000 for a hole-in-one made during an official round and the round in which Dutch made his ace was called off on account of rain.

Bert Purvis, Spalding's busy boy in upper N. Y. state says public interest was terrific in clinic the Central NY PGA fellows put on at Sports Show in Syracuse . . . Bert reports the following new pro appointments on his beat . . . Jim Farina now at Ballston Spa (N. Y.) CC . . . Frank McMullen to Canajoharie (N. Y.) CC . . . George Morrison now at Pine Brook CC, Gloversville, N. Y. . . . Michael Zambito to Midvale CC, Penfield, N. Y. . . . Joe Zavodny now pro at Lancaster (N. Y.) CC . . . Bert also advises that Mrs. Helen Butex, widow of the former operator of the Hillendale GC, Ithaca, N. Y., now is operating Hillendale . . . August Tacea now mgr., Sidney (N. Y.) CC.

Thomas Browne, supt. parks, Hutchinson, Ks., elected pres., Kansas Turf Assn. . . . Vp is P. L. Pepper, supt., El Dorado (Ks.) CC . . . Sec.-treas. is Robert E. Lester, Wichita (Ks.) Park Board . . . Direc-

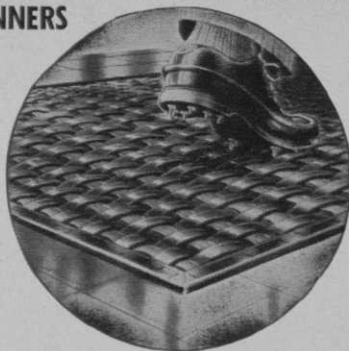
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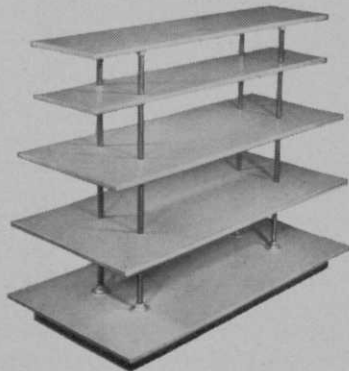
tors: Ed Nelson, Newton CC; Ervin Seifert, Wichita; E. L. Queen, Wichita CC.

Joe Greene who started in golf business as a caddie at Plainfield (N. J.) CC in 1902 and got out of the pro end a few years ago to go into shipping business says among many good features about this year's Open at Baltusrol is lot of good hotel accommodations not too far from club . . .

Harry Rubendall, pro-mgr., Freeport (Ill.) CC signs his 25th annual contract with the club and Freeport papers print picture of the signing with Harry in the middle, Pres. C. M. Cooper of the club on his left and Sec. George P. Schmelzle on his right . . . Johnny Inglis looking for sponsor for PGA Quarter Century Club tournament at Dunedin next year . . . Club's first tournament had 59 entries of fellows who've been pros 25 years or more.

Pali mny course, designed by Willard G. Wilkinson, will open early in 1955 . . . Newest Honolulu course is at a mountain's foot . . . Cost of 6700 to 7000 yd. course and clubhouse, about \$750,000 . . . Course on

(Continued on page 99)



## NEW! SELF-SERVICE ISLAND

FLEXO-SPACE the new Self-Service Island Fixture gives you 300% more selling space than the conventional flat-type counter in the same floor area. Permits you to display 4 times more merchandise. FLEXO-SPACE requires only 12½ Sq. Ft. floor area yet you get 50 Sq. Ft. of Selling Space. Middle shelves can be raised or lowered within 15 adjustments. Modernize your Pro-Shop with FLEXO-SPACE Self-Service Islands. You will enjoy increased sales upon use. Write for FREE catalog — Today!

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*No shoulder seams — no binding*  
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**Feature Gaybird Free-For-All Golf Jackets for a fast,  
profitable start on your early spring selling.**

No other jacket is so complete with the practical, patented features that mean so much to golfers' comfort, freedom of action and satisfaction of being smartly attired. Truly, it is golf's finest jacket — with an outstanding sales record in pro shops everywhere.

The Gaybird Direct-to-Professional sales policy enables you to offer golf's top quality golf jacket at a surprisingly low price.

For men and women in Small, Medium and Large sizes. Colors: Blue, Red, Tan, Green, Maroon and Natural. Suggested retail price — \$12.95 for the single

jacket; \$22.50 for the reversible. Slightly higher on the West Coast.

Be stocked and prepared with the perfect answer to your players' lively demand for early spring comfort.

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## Eglin's Fine Course, Lesson Program, Please Airmen

**A** COMBINATION of a fine course and increased interest on the part of military personnel has resulted in a golf boom at Eglin Air Force Base, on the Gulf coast of northwest Florida.

Eighteen months ago players at Eglin's course averaged 500 a week, while now more than 1500 golfers tour the 6350-yard layout weekly.

The course is considered, on good authority, one of the finest. Its narrow fairways are lined with tall pines. There are huge traps along the fairways and guarding the greens, five water hazards and hilly terrain. One high estimate of the course comes from such a golfer as Walter Burkemo, PGA champion, who, after playing it

for ten days last year, remarked, "If a golfer can play this course he can play any in the country." Fred Hawkins called it "one of the greatest driving courses I've ever had the pleasure of playing."

Operational suitability testing of aircraft and equipment, the function of Eglin, headquarters of the Air Proving Ground Command, requires an isolated area. A problem created by this isolation is recreation and Eglin's golf facilities go a long way toward alleviating this problem. Military personnel enjoy a low fee, paying \$1.50 a month for a family membership.

### Werring Has Class Programs

A factor contributing greatly to the increase in participation has been the golf



The 18th at Eglin Field's course is one of the layout's five water holes and a splendid finishing hole.



Eglin Field's golf clubhouse is a pleasant spot, kept neat and attractive by the army procedure of policing the grounds and k.p. It's especially popular with the large and active organization of women golfers.

clinics, conducted for periods of four weeks, six times a year. The clinics are free to officers and airmen as well as their dependents and Civil Service workers.

Much of the credit for the program's success can go to Lyle "Bud" Werring, who took over as Eglin's professional 18 months ago and instituted the classes. The fundamentals of the game are taught. Werring and his assistant, Joe Dodich of Waukegan, Ill., also give group instruction on the rules and golf etiquette.

Efforts to generate interest in golf have been assisted by the appearance of such well-known players as Patty Berg, Paul Hahn, Jimmy Nichols, "Porky" Oliver, Lawson Little, Anthony Cerda, Phil Green-

wald, Bob Toski, Ansel Snow and many others.

The 1953 World-Wide Air Force Tournament was held at Eglin in July. The late Lt. Morris Williams of Austin, Tex. emerged the winner, shooting rounds of 70-74-70-76 for a 290 total. Lt. Dow Finsterwald of Athens, Ohio was runner-up and M/Sgt. Harold Ridgley, the previous year's champion, placed third. Evidence of the fine way in which the tournament was held is seen in a decision by Headquarters, U. S. Air Force, again to have Eglin as the host for the 1954 event in October.

A permanent trophy in memory of Morris Williams has been established for the tournament. Williams was killed in September of last year at Eglin when his jet fighter crashed during gunnery practice.

#### Once a Boom Gem

Last month the second annual Eglin Open Invitation Golf Tournament was held. This is a one-day, 18-hole, medal play event, in which the professionals competing in the Baton Rouge Open were invited to stop off and participate on the way to meets in southern Florida. Other top professionals and amateurs in this section of the country were extended invitations. The winner was Bobby Martin, an amateur of the Pensacola (Fla.) CC with a 69, two strokes higher than the course record. The top pro was Mike Krak of Elinor Village, Fla., carding a 72, and next was a 74 by Broyles Plemmons of Valdosta, Ga.

The course has a varied history going back into the 1920's, when the area offered



The head of the Air Proving Ground Command, Maj. Gen. Patrick W. Timberlake, is second from the right looking at clubs shown by pro Bud Werring. Asst. pro Joe Dodich, at left, shows a WAF something of the latest in women's golf wear.

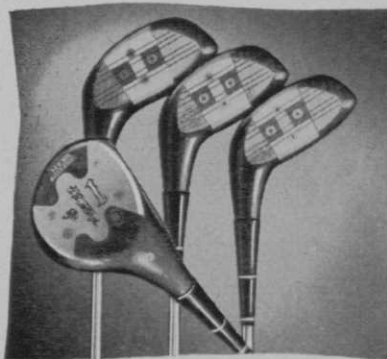
1. New Iron Head Models—creations that represent the most modern styling in iron head design.

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5. Choice, air-seasoned, genuine persimmon wood heads.

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Eglin Field airmen and WAFs get group instruction from (L to R) asst. pro Joe Dodich, Eglin pro Bud Werring and Phil Greenwald, visiting pro from Hinsdale (Ill.) CC. Werring calls on instructing and playing pro stars who visit Eglin to aid in the class lessons.

little except fishing. Headed by James Plew, a group of Chicago golfing enthusiasts retained the architectural firm of Langford & Moreau to build an 18-hole course. It was named the Chicago GC. It later was known as the Valparaiso CC.

In 1937 the bombing and gunnery range that was to develop into Eglin AFB was established. The following year Plew died, after which the course was cut to 9 holes and allowed to run down. By Act of Congress in 1946 the land was purchased and added to the Eglin Reservation. The course was returned to an 18-hole layout and a renovation program begun. This was completed in 1952.

In maintaining the condition of the course at a peak for constant, heavy use, Werring depends on the aid of M/Sgt. William Newton, who with others on the base installations section, has done an excellent job of rebuilding the course and tending it with competent and keenly interested care. The course is especially known for the outstanding condition of its greens the year around.

Werring offers a standing invitation to golfers traveling through northwest Florida to stop off and try their skill on the Eglin course. Green fees are \$1.00 a day. Visiting pros on the winter tour have compared the condition of the course and the exacting shot-making required with Pebble Beach and the Augusta National. As

Phil Greenwald, Hinsdale (Ill.) CC pro, remarked, "Let me get back on an easy golf course. Sixty traps and we could put our clubhouse in the smallest one, and number seventeen even has a ladder!"

### Kid Classes on Ladies' Day Double Attendance

"I found in years when I held the junior class on a day other than our Ladies' Day attendance of the youngsters would be very good at the start of the season and then as the season progressed would gradually dwindle to just a few children.

"In my inquiries, I found it was sometimes quite difficult for the mothers and fathers to bring the children to the junior class.

"Last year I changed the day of the junior golf class to Friday — which is our Ladies' day — and found that my class was not only twice as large as before but the attendance held up quite well during the entire summer, the reason being the mothers would bring the children and leave them in our care while they were playing golf."

—LOU BOLA, *Professional, Highland G&CC, Indianapolis, Ind.*

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# Sodium Arsenite and Organic Mixed for Pearlwort Control

By DONALD R. PETERSON

State College of Washington, Puyallup, Wash.

(Progress report on pearlwort control project at the Western Washington Experiment Station.)

**A**MONG the many troublesome weeds that are prevalent in golf courses throughout the Pacific Northwest none are more widespread or persistent than pearlwort (*Sagina procumbens*). For years golf course superintendents have attempted to combat this perennial pest by removing the infested portions of their greens by means of cup-cutters or other similar devices and resodding these areas with pearlwort-free turf, an operation that is both costly and time-consuming and frequently ineffective.

Certainly no aspect of greens management is more deserving of the attentions and facilities of agronomic research than the problem of pearlwort control. With this object in mind, a study, sponsored jointly by the Pacific Northwest Turf Assn. and the State College of Washington, was initiated to discover ways and means whereby an effective control of this weed might be obtained.

In the fall of 1951 a seedbed, built up of equal parts of a well-decomposed peat, sawdust, sand, and the parent soil (an impervious clay) to a depth of 12 in., was constructed. These materials, together with sufficient lime to bring the soil reaction to approximately 5.6, were mixed thoroughly. The green, 4000 sq. ft. in area, was then seeded to a mixture of Colonial bentgrass and creeping red fescue.

In the following spring, four series of plots, each series including eleven 5 ft. by 10 ft. plots, were laid out. Thirty plugs of sod were removed from each plot and these were replaced by plugs of pearlwort which were obtained from golf courses in the area. The turf management, including watering, fertilizing, and mowing, to which this experimental area has been subjected during the course of this study has been similar to the management practices generally employed on golf greens in the western Washington area.

Ten treatments, comprising the most promising of a number of materials tested in a preliminary study conducted in the

greenhouse and the recommendations made by weed and turf specialists from the various cooperating agencies, have been studied in replicated plots during the past two years. In addition, check or no treatment plots were also included within the scope of this experiment. The treatments, form, rate, and time of application, and the results obtained are presented in tabular form on the opposite page.

## Sodium Arsenite, Organic Works

Bear in mind that in developing a control for pearlwort, the objective was to find a material or combination of materials that would not immediately kill or burn out the weed, causing severe discoloration and disfigurement to the turf, but would weaken it to such an extent that the desirable grasses might gradually "crowd" it out of the turf. The only treatment that satisfied these requirements was a combination of sodium arsenite ( $\frac{1}{2}$  oz. per 1000 sq. ft.) mixed thoroughly with an organic fertilizer (5-4-0); the mixture was then applied at bi-weekly intervals at the rate of 16 lbs. per 1000 sq. ft.

This treatment not only reduced the infestation of pearlwort, but also largely eliminated annual bluegrass (*Poa annua*) from the turf. Sodium arsenite, applied in the same manner at the rate of  $\frac{1}{4}$  oz. per 1000 sq. ft., was not nearly so effective in reducing the infestation of pearlwort. Spray applications of 2,4-D checked the growth of pearlwort and broad-leaved weeds alike, however, this effect was accompanied by a severe burning of the bentgrass, particularly at the heavier rate of application.

Chlordane, applied as a spray at two rates, was neither effective as a control for pearlwort nor for other broad-leaved weeds that encroached into the plot area. Chlordane, mixed dry with an organic fertilizer and applied in that manner, was somewhat more effective. Supplemental applications of commercial nitrogen fertilizer

(Continued on page 56)