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Locker room of Skycrest Country Club at Prairie View, Ill., was transformed into one of warmth and sunshine by cutting a huge picture window into the entire end wall. Members relax here to enjoy nature's landscaping and to watch fellow players as they finish a day's round on the sporty fairways.

## Glass Brings Outdoors Into New Clubhouses

Are American golfers getting the most out of their clubhouses?

Where else in the nation's built-up urban centers is natural scenery more abundant? Where else is the opportunity greater to enjoy nature's splendor—luxuriant grass, stately old trees, or perhaps a brook?

Millions of dollars have been invested in fine fairways, velvety greens, interesting bunkers and sand traps; additional millions have been spent for moderate to lavish clubhouses, and still more millions have gone into specimen shrubbery and foundation plantings, tying nature's landscaping to the ideas of man.

But how much thought has been given to bringing this beauty inside for the en-

joyment of members; to tying the outdoors with the indoors?

Only in recent years have golf clubs come to value the beauty assets that are theirs. Yesterday's clubhouses were built only to accommodate the activities of members, with little or no thought given to enhancing their livability or to joining the beautiful outdoors with the indoors. Windows were small and ill-spaced, and clubhouses were dark and dreary. Members were shut in, they were shut off from the outdoors.

But today club architects and managers are taking a cue from their members. Like members' homes, which reflect an architectural trend toward light, cheerful

interiors, clubhouses are making use of the scenery and are being made into play centers that give the feeling of living with the outdoors. Huge window openings and window walls permit members to enjoy all the natural scenery that is theirs. It is brought into the locker room, where the day's rounds are re-hashed; it is brought into the dining and drinking rooms, onto the dance floor, and into the lounge.

Two clubs in the Chicago area—Calumet at Homewood and Skycrest at Prairie View—are typical of the many throughout the United States that have "harnessed" the outdoors. Then there's the new clubhouse at Ottumwa, Ia., that has gone all out with an eye on nature's splendor.

At Calumet, where a screened porch overlooked long, green fairways, the space was converted into a year-round dining porch. Sidewalls were built of glass so as not to sacrifice the view for which the porch originally was built. The large window openings, some of picture window size, were tied together by warm-toned knotty wood paneling.

#### View Without Chill

In this structural change, insulating Thermopane was specified for the glass areas so the porch could be utilized for dining up to outside walls even in the coldest winter months. Individual panes of these windows are hermetically sealed by a metal to glass bond that leaves dry air between, thus giving inbuilt insulation that acts to reduce condensation and downdraft at windows.

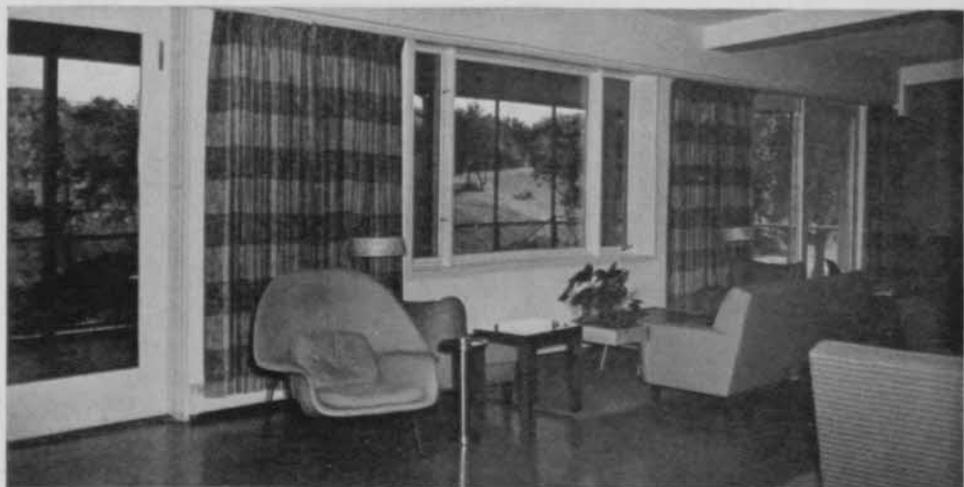
Still another idea of "harnessing" the outdoors was tried at Skycrest CC, which has two 18-hole courses—the Sky course

and the Crest course. The club originally was the Kildeer club, built in 1922 and so named for a bird commonly found in the area. It was purchased in 1942 by Gene T. Dyer, Chicago radio station owner, who remodeled and reopened it in 1946.

One of the more important changes in the clubhouse was a large picture window cut into the end of the locker room. Dyer felt the one reason why people go to a country club is to enjoy the scenery. They reasoned that a picture window would be one way to give players a chance to relax and to enjoy the view. In addition to providing this view, the floor-to-ceiling plate glass window transformed an otherwise dark locker-room into one that admits abundance of daylight and sunshine. The room is done in chartreuse and white with dubonnet draperies, all adding up to an atmosphere of enjoyment and leisure. The large window is the main factor accounting for the change from the jail-cell look so common to locker-rooms.

The Ottumwa CC was designed by Architect Harold Spitznaugle of Sioux Falls, S.D. Here again the outdoors was brought inside the clubhouse by expansive window areas, many of which were glazed with Thermopane.

These are only three of the many clubs throughout the United States that have capitalized on nature-given scenery. Like Tam O'Shanter at Chicago, Augusta National Golf Course at Augusta, Ga., Williams CC at Weirton, W. Va., and River Crest CC at Fort Worth, where the picture window idea was tried earlier, they are following an architectural trend, and members know the real enjoyment that comes from bringing the outdoor indoors.



The gently rolling countryside is brought indoors for members of Ottumwa Country Club at Ottumwa, Ia., who prefer relaxing in the spacious lounge to trying their luck on the tricky fairways. Each of the many picture windows has a different tree-studded view to present for their enjoyment.



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## Cy Foster Tells Why "Golf Is Easy"

Cy Foster has come up with a book "Golf Is Easy" which presents a concise and understandable summary of what he found to be highly effective teaching in his years of experience on the lesson tee. The book is \$1. It is published by Foster, 1421 Meadow Road, Columbus 12, O.

Cy has found that the body moves subconsciously to positions necessary to coordinate with hand action in hitting a golf ball. Therefore he emphasizes proper hand action as the basic element of the swing. He makes a very strong case for this theory and boils down correct hand action to a simple formula that the customers can understand and apply. His book is compactly written in 48 pages without padding and its 43 illustrations are clear and picture the action and exercise in a fool-proof way. Foster writes what many very successful golf teachers use in their resultful instruction and although his words and phrases aren't the same, his book probably will receive generally strong endorsement for pros. It's a book that should help increase lesson business as Cy holds forth a logical promise of improvement without too much clumsy work by the pupil.

## Soil Alteration Watched at Bel Air, Los Angeles

Decided improvement in turf and reduction in watering costs has followed application of gypsum at Bel Air CC (Los Angeles dist.) following procedure recommended by Dr. Loring McCormick and adopted by Green chmn. Randolph Scott as an experiment to bring the noted course into good condition. The operation is being watched by superintendents in the area as a possible solution of serious soil problems.

Dr. McCormick's recommendation was gypsum at the rate of about 1000 lbs. per acre to get rid of sodium carbonate in the upper layer of soil. The chemical change is accompanied by transformation of the clay into crumbs that permit more effective use of water. Application of 2, 4-D eliminated most of the weeds from Bel Air fairways but they grew back quicker than grass could be introduced due to nature of the soil and inability, under customary practice, to get much depth of grass root system.

The gypsum was spread on then watered in. Clay crumbs far larger than the particles of colloidal clay. Los Angeles water is such that it is expected the gypsum treatment may have to be repeated yearly. The treatment is said to have the advantages of eliminating injurious salines, improving physical structure of the soil and making fertilization effective.

## 1950 Tournament Schedule

### MAY

- 1-7 Western Amateur, Dallas (Tex.) CC.
- 15-19 British Ladies Amateur Championship, Royal County Down GC, Newcastle, Ireland
- 18-21 Western Open Invitation, Brentwood CC, Los Angeles.
- 22-27 British Amateur Championship, St. Andrews GC, Fife, Scotland.
- 25-28 Colonial National Invitation, Colonial CC, Ft. Worth, Tex.

### JUNE

- 1-4 Fort Wayne Open Invitation, Orchard Ridge Golf Club, Fort Wayne, Indiana.
- 8-9 Walker Cup Matches, Birkdale.
- 8-10 USGA Open Championship, Merion CC, Ardmore, Pa.
- 15-18 Palm Beach Championship (formerly Goodall-Round Robin Tournament), Wykagyl CC, New Rochelle, N.Y.
- 19-24 Women's Western Open Championship, Cherry Hills Club, Denver, Colo.

21-27 National PGA Championship, Scioto CC, Columbus, Ohio.

25-July 1 NCAA Championship. Univ. of New Mexico, Albuquerque, N. M.

27-28 U.S. Seniors, Apawamis CC, Rye, N.Y.

### JULY

1-4 Motor City Open, Red Run GC, Royal Oak, Mich.

3-7 British Open Championship, Troon, Ayrshire.

3-8 USGA Public Links, Seneca GC, Louisville, Ky.

6-9 Grand Rapids Open Invitation, Cascade Hills CC, Grand Rapids, Mich. (tentative).

13-16 Inverness Invitation, Inverness Club, Toledo, Ohio.

19-22 USGA Junior Championship, Denver (Colo.) CC.

20-23 St. Paul Open Invitation, Keller GC, St. Paul, Minn.

27-30 Sioux City Open Invitation, Elmwood GC, Sioux City, Ia.

31-Aug. 4 Women's Western Jr., Indian Hill Club (Chicago Dist.)

### Sarazen's New Book Is Championship Reading

Thirty Years of Championship Golf, by Gene Sarazen, with Herbert Warren Wind, has been published by Prentice-Hall, Inc., New York. It sells for \$3. You'll get far more than your money's worth in interest and entertainment out of this job by Gene. Herb Wind did a great job in literary caddying for Gene and he's got Gene word for word and idea for idea.

Gene's story of the little Saraceni kid who became one of the greats of American sports is the liveliest, most wholesome sports version of the Horatio Alger formula we've ever read. The willing but dumb youngster who started caddying, the thrill of the first big win, the heart-breaks, the glamor of being in with the headliners of business, government, stage, screen and society, and the happy pay-off of being a farmer with a fine family, all are whipped into a great production in Gene's tale.

The frank manner in which Gene tells the saga of an American youngster whose scholarly father and understanding mother looked dubiously at his start in golf, is about as fine a story as we've seen. His courtship of Mary and their decision to get a farm and raise the kids

out of the rat-race constitute another phase of the Sarazen story you don't expect to come across in a sports book. His tribute to that fine old gentleman, Archie Wheeler, is one of the spots in the book that makes your heart glow.

As to Gene's inside on the championships he's played and his words and pictures on playing, you know as well as we do what a fine job you could expect of Sarazen. And *The Squire* doesn't disappoint. Bob Jones wrote a swell introduction for a swell book that's rich in personalities pictured by a vital character.

### Ed Tabor Heads Central Penn. Supts. Assn.

Ed Tabor, West Shore CC supt., was re-elected pres. of the Central Pennsylvania Golf Course Superintendents' Assn. at the organization's annual spring meeting, held at Colonial CC, Harrisburg, Pa. Others named were Jim Morrison, Hershey, vp; Riley Heckert, Gettysburg, sec.-treas., and Leo Haller, chmn., Tournament committee. George Morris, Colonial supt., was host.

Dr. Albert Cooper of Penn State College told of the soil tests made by the college's extension work and how this work is associated with research by the state

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college experts. He also referred to the tests of a new type of fertilizer to be made at eight Pennsylvania courses beginning in the near future. Cooper said that demand of members for too much watering of greens and keeping maintenance budgets below amount needed to do the expected job were two of the chief sources of headaches for superintendents.

### **Supts. and Green Section Set Turf Confab Dates**

Plans for the Third Annual National Turf Field Day at Washington, D. C., October 15, 16 and 17, were discussed by the joint planning committee of the USGA Green Section and the Mid-Atlantic Association of Greenkeepers, Monday, April 10. The Committee consisted of Hugh McRae, Pres., Mid-Atlantic association, Robert Scott, William H. Glover, R. P. Hines, O. B. Fitts, Dick Watson, Marvin H. Ferguson, Charles G. Wilson and Fred V. Grau.

Details remain to be settled but the program has been outlined as follows:

There will be a central Field Day headquarters at one of the downtown Washington hotels.

On Sunday evening, October 15, there will be a meeting of all technical men engaged in turf work. Everyone is invited to attend this meeting and discussion which is essentially for the purpose of outlining turf research work now in progress throughout the United States. The entire evening will be devoted to this feature.

On Monday, October 16, the entire group will visit the turf plots at the Beltsville Turf Gardens, Plant Industry Station, Beltsville, Md. Details of features of this program will be announced later.

Monday evening a short social hour is planned, followed by dinner, which will be featured by topnotch, competent speakers on live, interesting subjects.

On Tuesday, October 17, visits will be made to two golf courses—the newly-built Woodmont CC, located near Rockville, Md., and then the Fairfax CC, Fairfax, Va. At these courses the group will see various kinds of turf under actual play. There will be features on tees, greens, fairways and nurseries.

It is planned to distribute programs and advance registration slips so people in charge of the various phases of the program can be advised as to the probable number that will attend.

Field Day headquarters will be announced at the earliest possible moment so that those who plan to attend can make registration directly with the hotel. This part of the program is being handled by Hugh McRae, 3029 Klinge Road, N.W., Washington, D.C., and O. B. Fitts, Columbia CC, Chevy Chase, Md.

### **Northwest Greenkeepers Have New Turf Association**

At the third annual Pacific Northwest Turf Conference, held March 29-30 at Washington State College, Pullman, Wash., the 100 attending organized the Northwest Turf Assn. Glen Proctor, Ranier GC, Seattle, Wash., was elected chmn. and Milton Bowman, Pinehurst (Ida.) GC, sec.-treas. Directors elected: James O'Brian, Capilano GC, West Vancouver, B. C.; H. T. Abbott, 504 City Hall, Spokane, Wash.; E. P. Townsend, Box 366, Gresham, Ore.; Edward Fleeter, Glenover GC, Portland, Ore.; Phil Page, Fairmont Memorial Park, Spokane, Wash.; Mavor S. Boyd, Hilands GC, Billings, Mont.; E. G. Shaffer, Pullman, Wash.; Everett Potts, Sheridan, Wyo.

Speakers at the conference included Pres. Wilson Compton of the University of Washington; Everett Kreizinger, state agricultural agent; Dr. L. C. Wheeling, Dr. J. C. Knott, Herbert C. Manis, W. J. Johnson, John L. Swindelmann, William S. Summers, Albert Molenaar and Asst. Dean E. G. Shaffer.

Others who spoke on course maintenance problems and gave practical close-up solutions were Dr. G. O. Mott of Purdue University; Lambert C. Ericson of the University of Idaho; John Harrison of Hayden Lake, Ida.; Vernon Macon, Victoria, B. C., golf architect; P. M. Masterson of Seattle, Roy Moe of Spokane CC, H. T. Abbot of Spokane, and Glen Proctor of Seattle.

### **Round-up of Golf News in Golfers' Year**

The Golfers' Year, published by Nicholas Lay, Ltd., 1, Trebeck St., London, W1, Eng., is an interesting round-up of golf highlights for 1950. It sells for 15 shillings. Primarily it's, of course, from the British viewpoint and some bright close-ups are presented by Henry Cotton, Bernard Darwin, Fred Pignone, Henry Longhurst, Desmond Hackett, Enid Wilson, Sir Guy Campbell and other stars of British golf writing and playing. Ruth Woodward and Herb Graffis account for the survey of the American season.

Tom Scott, editor of Golf Illustrated, and Webster Evans edited The Golfers' Year with excellent judgment in covering the main features of golf last year. The British do a fine job at this sort of thing. Some of the writing by their golf reporters is a tough par for the course in journalism anywhere. A lot of locker-room conversation material in the book.

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**BUYERS' GUIDE — See page 109**

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## NY-Conn. Turfmen in Brisk Meetings

By BILL BENGUEFIELD

New York-Connecticut Turf Improvement Assn., headed by Pres. A. R. Twombly, Pelham (N.Y.) CC, has been preparing for a season of effective work with meetings that have been featured by good attendance and keen, practical discussion.

In March, we met at the oldest golf course in the United States, St. Andrews GC, Ardsley, N.Y., and there to welcome us were W. Shaw, Chairman; A. Edgar, Supt. and J. Furnee, Manager.

Our speaker was Dr. P. Pirone, Pathologist, Bronx Botanical Gardens. He spoke on turf diseases and, since Dr. Pirone is one of the outstanding authorities on tree diseases, he also touched on this subject. The many questions put to him by the group was a good indication of the interest in trees.

E. Larkin spoke of the Metropolitan GA tournament to be held on May 20th and 21st. Following this, Joseph Flynn, Metropolis, led a roundtable discussion on the water shortage problem and how various clubs hope to solve it.

The April meeting was held at the beautiful Bonnie Briar CC and our hosts were F. Goode, Chairman; S. DiBuono, Pro-Gkpr. and D. Artese, Greenkeeper.

The speaker was Dr. John Cornman of Cornell University and N. Y. State College of Agriculture. He told of the work of the N. Y. State Turf Association and the progress of the State Turf Program. It is a young organization which is coming along fast.

The roundtable discussion was ably led by Doug Rankin, Westchester CC, and the topic—"Clover and its Control." Dominic Artese was a co-star on this topic as he reviewed his 30 years of clover control experience. It was a gem.

Our ranks continue to grow with the addition of three new members in March; James Galletley of the Whipoorwill Club; Joseph Gaillard, Rockrimmon CC; and Bruno Vadalla of Metropolis. In April, five new members were added: C. W. Birch, Chairman, Winged Foot GC; Victor DeLuca, American Agricultural Chemical Co.; John D. Laing, Pleasant Valley; Wm. Livingston, Silver Springs CC; and Henry Mattson of Armour Fertilizer Works.

## Hoosier Pros Hold Spring School

Almost the entire membership of the Indiana PGA and numerous out-of-state pro and salesmen guests gathered for the association's spring meeting and dinner at Claypool Hotel, Indianapolis, April 17.

Tom Crane spoke on what a club should expect from its professional, advising the

pros to look at each opportunity and duty as if they were dues-paying members or public course patrons, then deciding what they'd expect. Fred Barks of National Cash Register gave the pros his practical advice to retailers which he'd presented in such a valuable way at the national PGA meeting. Bob Lysaght of MacGregor Golf told the pros what the design, manufacturing and repair problems were in a manufacturing plant and how the manufacturer worked in modernizing club production from the old bench-made operations.

Herb Graffis gave a summary of the National Golf Foundation's work and told how its printed, picture and personal promotion operations were planned and conducted to increase the pros' income by enlarging the golf market and putting the spotlight on the qualified and energetic professional.

Toney Penna, subbing for Craig Wood at the section's clinic, gave an excellent demonstration of playing details and handled a lively question and answer session in an interesting and instructive manner.

Club officials and newspapermen were guests at the merry dinner which concluded the hard day's work.

## PRODUCING GOOD TURF

(Continued from page 44)

Horticultural peat moss—3 bales per 1,000 square feet.

Well-rotted farm manure—1 cu. yd. per 1,000 square feet.

Lime is recommended for highly to moderately acid soils (4.5 to 6 pH). A normal application of limestone for strongly acid soils is 100 pounds per 1,000 square feet (2 tons per acre); for moderately acid soils, 50 pounds per 1,000 square feet (1 ton per acre). Mix the lime with the upper 4 or 5 inches of soil before seeding.

A fertilizer for turf should carry a relatively high percentage of nitrogen with enough phosphate and potash to provide for good vigor and health. In order that the fertilizer may have a prolonged and gradual effect, part of the nitrogen should be in a natural organic form such as Milorganite or cottonseed meal. Twenty to 30 pounds per 1,000 square feet of an 8-6-4 or 8-6-2 commercial lawn fertilizer, with approximately 40 percent of the nitrogen in the natural organic form, should be sufficient if mixed thoroughly with the upper 3 to 4 inches of topsoil a few days before seeding.

Arsenate of lead is suggested for prevention of injury to turf by Japanese beetle grubs, other grubs and worms. A few days prior to seeding rake it into the upper inch of soil at the rate of 7 to 10