



New Indiana Golf Course installs UscoFlow water lines 5 times faster than with metal piping!

Two men, inexperienced in pipe laying, recently installed a water line at the rate of 1000 feet per hour! It happened at a new Indiana golf course — and it's happening in golf courses, parks and along parkways throughout the country. It's possible because: UscoFlow Pipe, with UscoFlow elbows, tees and fittings (the most complete line on the market), betters the installation speed of metal pipe by an average of three to five times.

An UscoFlow installation is permanent and leakproof. For only UscoFlow has an "interference" fit, a feature that assures positive bond. Clamps are never necessary.

UscoFlow pipe is so light in weight, one man easily handles several 20' lengths. It's so flexible, it bends to the contour of the ground, eliminating many costly angle fittings. When a fitting is necessary—for a "T" or sharp angle—an ordinary wood saw cuts through UscoFlow in 30 seconds…simple, quick cementing assures watertight joints without threading. UscoFlow's smooth, frictionless inner surface carries greater water volume, too.

UscoFlow won't corrode...resists impact and flow-reducing scale. Ask your "U.S." Distributor about UscoFlow Plastic Pipe and save on repairs and new installations.



Mechanical Goods Division

States Rubber United

WORLD'S LARGEST MANUFACTURER OF INDUSTRIAL RUBBER PRODUCTS

Rockefeller Center, New York 20, N.Y.

In Canada: Dominion Rubber Company, Ltd.

19 Professionals Honored by Their PGA Sections

Nineteen pros, representing as many PGA sections throughout the U.S., were selected by their fellow members as candidates for the national organization's "Golf Professional-of-the-Year" award that went to Eddie Duino of San Jose (Calif.) CC. Here is the list of those honored by their sections:

Carolina - George Corcoran, Greensboro CC; Central New York - Edward Murray, Binghamton CC, Johnson City; Illinois - Al Huske, Glen Oak CC, Glen Ellyn; Indiana - Don Fischesser, Evansville CC; Iowa - Robert M. Fry, Ft. Madison CC; Philadelphia - Henry

C. Poe, Reading CC.

Michigan - Joe Belfore, Country Club of Detroit; Middle-Atlantic - Ralph Beach, Suburban Club, Pikesville, Md.; Minnesota - Harold Sieg, Golden Valley, GC, Minneapolis; New Jersey— Jack Mitchell, Jr., Essex County CC, West Orange; Northeastern New York — Robert F. Smith, Wolferts Roost CC, Albany.

Northern California - Eddie Duino, San Jose CC; Oklahoma - Buster Cupit, Hardscrabble CC., Ft. Smith, Ark.; Pacific Northwest - Bob McKendrick, Oswego Lake (Ore.) CC.; Rocky Mountain - Ernie Schneiter, Ogden (Utah)

G&CC.

Southern California - Fay Coleman, Brentwood CC, Los Angeles; Texas - Lafayette Franks, Glen Lakes CC, Dallas; Western New York - Jos. LaMachia, Locust Hill CC, Rochester; Wisconsin - Gordon Watson, Brynwood, CC., Milwaukee.

Teacher Increases Prizes for PGA Seniors' Tourney

Thirty-three section Teachers' Trophy winners will compete in the 21st PGA Seniors' Championship which will be played at the National GC course in Dunedin, Fla., Jan. 26-31. Prize money will be an all-time high of \$15,000. Seventeen of the sectional qualifiers played in the tournament last year.

The 72-hole tourney is for PGA members 50 years of age or older. Among them are Willie Goggin, present titleholder, and Leland (Duke) Gibson, Paul Runyan and Denny Shute, all of whom made fine showings in last year's competition.

Prize money has tripled in the seven years since Wm. Teacher & Sons, Ltd., has co-sponsored the Seniors with the PGA. Last year's prize money totaled \$10,000. This year's winner will receive \$1,500.

The first two rounds in the 1960 Championship will be played over four days. After 36 holes, the field will be cut to 100 and ties for the third and final rounds which will be played on the 30th and 31st.

In addition to first prize money, the winner will get the Teacher's Trophy. Low scorer in the 55-and-over group after 36 holes will receive the Bourne trophy.

Gatenbey, Zuckerman Head Chicago, S. Calif. Associations

Andrew W. Gatenbey of Chicago and Edward K. Zuckerman of Los Angeles have been elected to head two of the most





Gatenbey

Zuckerman

powerful golf associations in the country, the Chicago Dist. and Southern California GA.

Gatenbey, an attorney, succeeds Charles N. Ekstein. He is a member of South Shore and Beverly, both in Chicago. Zuckerman, a director of SCGA since 1954, is past pres. of Brentwood CC and honorary life pres.

Other Chicago Dist. officers are Stacy W. Osgood, vp; H. G. Barnhart, treas. and James L. O'Keefe, secy.

Thomas G. McMahon is vp of SCGA. Treas. is Leonard T. Mendelsohn and secy. is Julie Bescos.

First Flight Sponsors Two **PGA Dunedin Tourneys**

First Flight Co., Chattanooga, Tenn., will co-sponsor with the PGA two tournaments that will be played at the PGA National course, Dunedin, Fla., in February. First Flight will put up \$3,000 in cash and \$2,000 in merchandise prizes for the Quarter Century 36-hole tourney, to be played Feb. 10-11. The company's donation to the PGA National GC Championship (Feb. 15-18) will amount to \$4,000 cash and \$3,000 in merchandise. The latter event will be over 72 holes.

First Flight has been co-sponsor of the Quarter Century since 1955 and of the

Club Championship since 1959.

Get healthier greens with Wyandotte TURFACE!

Just add Turface to your soil according to directions. Turface loosens soil and keeps it friable, allowing water, nutrients and air to penetrate deeply and rapidly. Turface helps grass grow a healthier and more abundant root system . . . reduces or eliminates hot weather burn-out.

What's more, Turface absorbs and holds its own weight of water, which is released to the roots gradually . . . reducing the amount of watering required. And when it rains, Turface allows excess water to pass through the soil quickly.

Want proof? Then look us up at

The Turf Grass Conference & Show in Houston (Booth 19), where we will demonstrate the absorbency of Turface and the speed of water penetration. Wyandotte Chemicals Corporation, Wyandotte, Michigan. Also Los Nietos, California, and Atlanta, Georgia. Offices in principal cities.



J. B. FORD DIVISION

January, 1960 78

Education at Clearwater

(Continued from page 26)

annuity plan which, it was explained, offers 10 per cent higher benefits than can be obtained through any individual an-

nuity policies.

Dennis suggested that a pro is not out of order in asking his club to participate in premium payments of any group policy carried through the PGA. "This," he declared, "is nothing more than asking for fringe benefits which are accorded other employees."

He concluded his remarks by explaining coverages given through workmen's compensation insurance and various liability policies that protect the pro against loss

due to fire, theft or other causes.

Publicity vs. Public Relations

Dr. M. Lyle Spencer, who founded the Syracuse University school of journalism, hinted that many pros may confuse personal publicity with good public rela-tions. He added, however, that that is a common failing in most fields and can be avoided if more thought is given to what, and not who, should be getting publicity. As for good club public relations, he recommended this maxim: "Don't repeat a single uncomplimentary remark that you hear about a member. It's the best public relations lesson vou'll ever learn. It's defensive, it takes almost unbelievable restraint on your part, but it's effective. When you're tempted to pass such a remark along, always keep in mind that it will be a miracle if it doesn't get back to the person about whom the remark is made.'

In view of the TV and payola scandals that have rocked the nation in recent months, Spencer suggested that the PGA as a group, should take a second look at its standards of professional ethics, and that the individual pro shouldn't wait for the association to take action on this. If even the slightest shadow, Spencer said, is cast on the professional group's or the individual's integrity, it will be many years

before it is erased.

Discusses Global Affairs

The day's oratorical fireworks were supplied just before the luncheon break by the aforementioned Dr. Furbay. Not only did the audience concede that the TWA world traveler is a dynamic speaker but apparently it was greatly impressed with his message. Furbay, who circles the globe from two to four times a year, said that the showdown between our way of

Watch for This!

Every golf club in the U.S. is being mailed a form card on which space is provided for names of operating personnel entitled to receive GOLF-DOM. Unless this card is filled out and returned, we cannot continue mailing GOLFDOM to these people.

If your club failed to receive this card or misplaced it — use the form on page 104.

Our circulation auditing association requires that the list of persons to whom GOLFDOM is mailed be kept up to date. Without this information, we are instructed to stop mailing the magazine to old names on our list.

To make certain that your 1960 officials and operating heads receive GOLFDOM, please fill in the form and mail it today!

life and that of the Soviet Union is going to come within the next 10 or 15 years. One-third of the world, he pointed out, remains uncommitted as to which it will choose. Foreign aid, he declared, although much maligned, has increased our prestige and won us many friends in practically every country on the globe. He repeated at this point that he is not employed by the government, has no axe of any kind to grind, and bases his opinions on what he has observed in his travels.

What we are not yet aware of, Furbay told the pros, is that rapid and revolutionary changes are being made throughout the world, particularly in Asia and Africa. If we do not grasp their significance and aren't willing to help have-not nations achieve self government and better living standards, the Russians are going to beat us to the punch even if their proffered aid is somewhat phony. If this happens, we'll find ourselves hemmed in by a hostile world and our way of life may seriously decline.

Putting: Tap and Swing

Johnny Farrell, who claimed the 1928 Open title after finishing as runnerup to Willie Mac Farlane three years before, got the afternoon Teaching program underway by discussing what he considers the best method of teaching players how to putt. After citing a half dozen of history's great putters and explaining their strong points and peculiarities, Johnny said he has resolved the whole subject to two systems: tapping the short ones and swinging the long ones. In both cases, the wrists play an important part in moving the club and the elbows are kept tucked in close in the body. Great stress, too,



"it's true; now "K&M" offers one-stop shopping for both asbestos-cement and plastic pipe!"

"K&M" adds 4 types of plastic pipe to its quality line of Asbestos-Cement Pipe! No need any more to buy quality Asbestos-Cement Pipe from "K&M" . . . and then expend time and energy shopping for Plastic Pipe elsewhere. Now, it's as easy as shopping in a supermarket! Get both types of pipe from the source you've always been able to rely on: "K&M"! But, that's not all! You can also simplify planning by fitting both "K&M" Asbestos-Cement and

"K&M" Plastic Pipe into the same system ... custom-tailoring it to your design and your budget requirements. You can get tough, thrifty "K&M" Plastic Pipe at all "K&M" factory locations. Plus a complete line of "K&M" Plastic Pipe Fittings.











KEASBEY & MATTISON COMPANY . AMBLER . PENNSYLVANIA

Write today for these informative and illustrated brochures ... packed with facts on each type of new "K&M" Plastic Pipe!

"K&M" Polysthylene Pipa *"K&M" Normal-Impact Polyvinyl Chloride Pipa *"K&M" Acrylonitrile Butadiene Styrene Pipe *"K&M" High-Impact Styrene-Alloy Sewer Pipe



There is no substitute for the look of real quality found in fine TUFHORSE Golf Bags — quality that comes from a tradition of expert craftsmanship and styling. The name TUFHORSE has been a distinguished one for more than forty years, identifying for the discriminating golfer bags of unmatched beauty and durability.

Today as in the past, golfers who love the game choose TUFHORSE.

Write Dunlop for 1960 Catalog.



*Bonus Feature in many models
Tufhorse patented removable
club dividers.

DUNLOP Tire and Rubber Corporation Sporting Goods Division 500 Fifth Avenue, New York 36

DES MOINES GLOVE & MFG. COMPANY DES MOINES IOWA should be placed on hitting the ball squarely. When the club golfer practices he should concentrate on this more than anything else, the former Open champ said.

Farrell advised the pros that even their advanced players shouldn't have their minds cluttered with too many discourses on how to figure out the grain of a green. "When they start to attack the putt scientifically," Johnny said, "they usually begin losing their touch. After that you never can get grain out of their heads and it is rare when they fully recover."

Discusses Junior Programs

In discussing Junior golf programs, Grant Bennett of Florence, S. C., one of the game's more dedicated exponents, said that if a pro undertakes them in a casual way or only because he feels he would be better off to omit them altogether. Apparently, Bennett added, many pros must feel this way because not nearly enough youngsters are being encouraged to start playing golf.

Bennett gave his listeners numerous tips on the attitudes of Junior players. They don't like to concentrate too long, he said, but you have to be ready to dig in and work hard when they are so inclined. You have to get used to having them all fired up one moment and then cooling off in a hurry. The older a youngster is, the more self-conscious he is about his swing. Bennett's advice to counteract this: Start the kids, if you can, between the ages of 6 and 11; when they become teenagers they are more difficult to teach.

Other Bennett recommendations include: For demonstration purposes, start with better players and work down to those who aren't so skilled; Devise as many tournaments or competitions as possible so everybody eventually wins some kind of a prize; keep the cost within the reach of the kids and their parents; get all the publicity you can for the youngsters—they love to see their names in print.

One of the most impressive things about the Florence professional's description of competitions he holds for Junior players was his allusion to putting, chipping and accuracy contests. Seemingly he stages more of these than formal tournaments or competitions in which woods and long irons are used. The idea is that if the kids learn the short game

"This NK Lawnspreader is the finest spreader we've ever used!"

Dick Shollenberger, Chairman of the greens committee of the Petaluma Golf and Country Club, Petaluma, Calif. adds, "We used it to fertilize all 9 greens—30,000 square feet—in just 1½ hours. That includes moving from one green to another! It's a beautifully designed machine, with very accurate flow adjustments."

Dick was enthusiastic about the NK Lawnspreader right from the start, he reports. "I borrowed this spreader from the store just to try it out," he recalls. "I liked it so well I used the spreader we already had here at the course as a trade-in to keep this one. We use it for fertilizing, re-seeding and touch-up jobs. Wouldn't be without it."

The NK Lawnspreader covers a full 36-inch strip with plenty of over-lap. Light, sturdy, strong . . . it saves time and man-power. No skips or doubling. Covers perfectly under shrubs—along walls. Order yours today.



Plan now to

Attend the 31st INTERNATIONAL TURFGRASS CONFERENCE AND SHOW

Shamrock Hilton Hotel, HOUSTON, TEXAS February 1-5, 1960

See and participate in the "Greatest Show on Turf"

- —Educational Conference on Golf Turf Management
- —Leading speakers on golf turf research, teaching management and operations
- -Annual G.C.S.A.A. Golf Tournament
- —Tour of golf facilities around Houston
- —Largest Equipment and Supply Show on turf

Welcome all golf turf workers, everywhere!

The entire Turf Grass Industry will be represented

Sponsored by the

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA

The men who maintain the finest golf courses

For details on program and show space

Write G.C.S.A.A., Headquarters Office, P.O. Box 1385, Jacksonville Beach, Florida at the outset they'll develop into much finer players than if they are taught to slug from the day they first pick up a club.

Rosburg, Wall Speak

Bob Rosburg and Art Wall, Jr., who came to Clearwater to receive accolades for their fine 1959 tournament seasons, proved to be just about as slick on the rostrum as they are when it comes to winning those \$5,000 and \$10,000 checks.

Rosburg was slated to describe secrets of his short game, but he confided that it was improvement in his driving in 1959 that enabled him to win the PGA Championship and an eventual total of \$31,676. This came about because he had his clubmaker add 15 degs. loft to his No. 1 wood and the result was that he got the ball up in the air better than he ever had before. Higher trajectory shots off the tees seemed to improve his control and gave him what he needed when handling the No. 1 wood

- confidence.

As for playing out of traps, at which he is a master, Bob said a study of the styles of Ford, Snead and Toski and the ferreting of a few of their secrets, helped him immeasurably. One is to make a thorough test of the sand by wiggling the toes (a legal maneuver) so that its degree of firmness or compactness can be determined. Knowing this, it becomes an easier mat-ter to decide how much club should be put to the shot. Another is to keep the shoulders level or on the same plane regardless if the lie is uphill, downhill or level. If a golfer concentrates on only this in playing out of a trap, Rosburg said, he'll eventually overcome his fear of the sand.

Approached More Boldly

The PGA champion revealed that until last season his game from 75 or 100 yards out was only mediocre because he didn't play boldly enough. When he started to try to land on the green and not on the apron or just below it, his approaching improved. When a trap confronts him at this distance and the maneuver is to clear it and land dead, he borrows a trick he learned from Jerry Barber. That is to throw the left hand as far under the club as possible so as to put emphasis almost entirely on right hand power. This is an extremely awkward grip, but it keeps the face open and results in enough reverse spin being imparted to usually accomplish the desired result.

Rosburg, who is rather notorious for his shunning of the practice tee, denied that he stays away from this area because of

any lack of energy. "It's simply because if I go over there and cuff three or four in a row," Bob explained, "I start to try to figure out what's wrong. That leads to making a few alterations and it isn't long before I'm really in trouble. Practice like that is no good, so there's no point in exposing yourself to it."

Once Tried Vardon Grip

For probably the 100,000th time in recent years, Art Wall, Jr., explained how he came to adopt the four-finger (it used to be "baseball") grip. It simply comes down to the fact that he grew up with it. About nine years ago, Art said, he experimented with the Vardon grip but gave it up after three days because it felt too awkward.

As for his sensational putting success last season, Wall attributed it to a change from a blade to a mallet type putter. "The mallet," Art said, "is better for rough greens and we run into plenty of them. In addition, there is more of it to sight over." Then he added slyly: "The real reason for my success in 1959 was that in one stretch of three months I just couldn't miss a putt. There's no explanation for streaks like that."

How Masters Was Won

Wall concludes his remarks by giving an interesting rundown on those final nine holes in which he literally tore the Augusta National course to pieces last year to come from behind and win the Masters. He had an opportunity to do practically the same thing the year before, he said, but muffed it because he didn't play the second nine correctly. But 1959 was different. He profited from his mistakes of the previous year. This consisted of playing the fairway and approach contours on a number of holes more intelligently; of taking his caddie's advice on the 15th and playing a second shot 2-iron rather than a 4-wood and hitting the green; and of playing for a break on the 17th hole and dropping a 15 ft. putt, where in a practice round a few days previously he had missed from an identical spot because he hadn't correctly read the green's contour.

The 1959 player-of-the-year left on the note that winning on the circuit depends a great deal more on what the pros call "course management" than on mere mech-

anical execution of shots.

Midwest Conference

Spring conference of the Midwest Regional Turf group will be held at Purdue University, Mar. 7-9. The theme will be "Controlling Weeds in Growing Turf."

50,000 Votes from Aussies

(Continued from page 33)

Due to a dry spell the course played short. There is no watering system at Royal Melbourne. Late Nov., being spring in southern Australia, meant that the course was green. The rough was interesting and rugged - too rough for the U. S. pro circuit or American club players.

Event Ably Handled

Organization and operation of the International tournament presented a multitude of tough problems. Fred Corcoran, IGA tournament dir., ably handled the complex task of planning and directing an event that involved far greater player travel distances than that of any previous tournament along with the usual housing problems and tournament operation. Officials of Ampol Petroleum, Inc., co-sponsors with International Golf Assn. of the tournament, operated expertly and energetically in making sure that the tournament was impressively publicized. Players and other guests got a full treatment of the Aussies' warm and superb hospitality.

The late John J. Hopkins, founder and first pres. of the IGA hoped that the international pro team tournament would result in getting assembled many government officials and big businessmen in a pleasant atmosphere of international sport. Frank Pace, jr., Hopkins' successor as IGA chief, has made Hopkins' hope a reality.

Capable Successor

The canny and personable Pace knows his way around in international government and business environs. At Melbourne one congenial item of the IGA tournament program was a reception given by Gen. Sir Dallas Brooks, governor of Victoria, at which diplomatic representatives of the 30 nations represented by professional golfers, the pros themselves and top level international businessmen mingled.

The International event again was fortunate in being played at a grand golf club where members are international champions as hosts and all-around great

guys.

Chicago CMAA Officers

Greater Chicago CMAA has elected the following officers for 1960: Tony Wayne, Riverside GC, pres.; Ben Waskow, Brook-wood, vp; and Paul Frederick, Knollwood, secy-treas. Directors are Al Ackerman, Al LaMonte, Gerry Marlatt, Austin Steeves, Agnes Toner, Alex Zagone and Ernest Flaim.





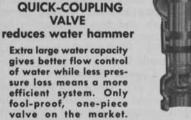
ADJUSTABLE GEAR-DRIVEN, ROTARY POP-UP SPRINKLERS

Buckner's exclusive adjustable feature gives full water utilization for best irrigation. Designed for automatic or manual systems. Three full and three part circle sizes.

NEW

SUPER CAPACITY **ONE-PIECE** VALVE

Extra large water capacity gives better flow control of water while less pressure loss means a more efficient system. Only fool-proof, one-piece valve on the market.





SPEED REGULATOR

gives best single line turf irrigation

Another Buckner exclusive for tailormade water coverage. Fingertip adjustment puts more water where sprinklers do not overlap, less where they do.

See Your Local Buckner Dealer He's listed in the yellow pages.



MANUFACTURING CO. INC. Fresno 8, California

Bermuda Overseeding

(Continued from page 48)

The plan was to deplete underground stems of carbohydrate reserves (the source of energy for growth) by repeated defoliation of new leaves before they could produce surplus carbohydrate for underground storage. Four sprayings in the fall of 1958, and two more in the spring of 1959 killed most of the varrow in roughs alongside the second fairway.

At a winter conference mention was made of 2,4,5-TP for yarrow control at a suggested rate of 1½ lbs. actual per acre. It was tried first on small plots in the rough at Milwaukee. The rates used were %, 11/2, and 3 lbs. per acre. Promising results justified larger scale trials. The rough alongside the seventh fairway was sprayed at 1½ and at 3 lbs. per acre. Besides varrow, 2.4.5-TP controlled clover and broad-leaf weeds. There was damage to bluegrass, but seemingly not permanent. There was permanent kill of bent in the fairways on small size plots at all three rates, especially at 1½ and 3 lbs. More trials are needed before one can justify recommending the general use of this promising herbicide.

Kikuvu A Menace

Kikuyu is spreading in fairways and roughs in S. Calif. but courses there seem to have found the answer to the control of this grassy weed. They have been using Dalapon in accordance with the findings of research workers at UCLA, Dalapon has no effect upon the seed so it is necessary to watch treated spots for re-growth and then kill the young seedlings.

Currently pre-emergence control of Poa and annual weeds is being advocated. Many new materials are being tested and some will be offered for sale. Their greatest usefulness will be in areas where the turf grass cover is good. On heavily infested areas the first problem is to secure a uniform cover of turf and then rely on preemergence materials to prevent reinfes-

Too Much Sand?

Topsoil on some new greens contains up to 85 percent of sand, based on the investigations in Calif. and Tex. Almost everybody concedes that too little sand has been used in the past, but some think 85 per cent too much. Organic matter is needed to overcome surface crusting and more soil to provide an adequate exchange complex. A mix in the range of 60 per cent sand, 20 per cent loam soil, and 20 per cent of good quality organic matter may be