# GOLF COURSE DESIGN CHANGES.... YET IT REALLY DOESN'T

AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS

"They don't build them like they used to!"

Today we hear that about everything from cars to houses. What about golf courses?

"The golf course co-exists in a time-and place relationship with the players, their concepts, and their equipment," notes Dick Nugent, immediate past president of the American Society of Golf Course Architects.

"This relationship is in a continuous state of change. If the golf course architect is to be successful, he must design for his time and place, while retaining the values and traditions of the game."

Tradition, of course, is the key word in this statement, since no game relies on tradition more than golf.

One of the significant trends in golf course design is to a more "natural" course, which incorporates native bushes and flowers in its "waste" areas. One of the best examples of this type course is Pete Dye's Tournament Players Club in Ponte Vedra, Florida where Jerry Pate made headlines around the world by taking another of his famous dives.





TURF PRODUCTS

- -Homogenous Granulation
- -High UF (W.I.N.)
- -Balanced Feeding
- -Fits Your Budget

Distributed by:

TURF SUPPLY CO. 454-3106 NORTHRUP KING 781-8011

> Lebanon Chemical Corporation P.O. Box 847, Danville, Illinois 61832

These "natural" areas not only reduce maintenance costs, but mandate another "new" concept--target golf. Since to-day's player has improved clubs and golf balls that enable him to hit the ball further, the golf course architect must counter with measures to protect par.

Is this really a new concept? Of course not! The great courses of Scotland feature natural linksland, as do many of the famous older courses in the United States, such as Shinnecock Hills.

Today's golf course architect, according to A.S.G.C.A. President Jack Snyder, simply is using the traditions of golf to cope with current realities—better playing equipment, higher maintenance costs and less water.

The "new" look in golf courses is not always readily apparent. Some have been built on unsightly landfill sites, while others are using recycled water for irrigation purposes.

continued on Page 5

#### 25 GREAT NEW TESTS OF GOLF

THE PHOENICIAN Phoenix, AZ Jack Snyder

BROADMOOR SOUTH COURSE Colorado Springs, CO Ed Seay

KEMPER LAKES G.C. Long Grove, IL K.Killian-D.Nugent Ellis Maples

GRANDFATHER GOLF & C.C. Linville, NC

INDUSTRY HILLS Industry Hills CA Terre Haute, IN Billy Bell

THE HULMAN LINKS David Gill

OYSTER REEF G.C. Hilton Head Is., SC Rees Jones

GOLDEN EAGLE COURSE OF THE TIDES INN Irvington, VA G. Cobb and J. LaFoy

SINGING HILLS El Cajon, CA Theo. Robinson TALLGRASS COUNTRY CLUB Wichita, KS Arthur Hills

ROON VALLEY C.C. Mountain City, TN Dan Maples

GARLAND MUNICIPAL

QUECHEE CLUB Quechee, VT Geoffrey S. Cornish & William G. Robinson

MANGROVE BAY MUN. St. Petersburg, FL Easton, MD Bill Amick

HOG NECK GOLF COURSE Lindsay Ervin

Garland, TX Dick Phelps GROVER KERTON G.C.

KANANASKIS GOLF COURSE Kananaskis County Province of Alberta Canada Robert Trent Jones, Sr.

P.G.A. NATIONAL Palm Beach Gdns.FL St. Paul, MN Tom Fazio

PHALEN PARK MUNICIPAL Don Herfort

TOURNAMENT PLAYERS BLUE ASH GOLF COURSE Cincinnati, OH J. Kidwell-M. Hurdzan

PORT LUDLOW G.C. Port Ludlow, WA Robert M. Graves

Dallas, TX

Dave Bennett

EAGLE RIDGE Galena, IL Roger Packard

Pete Dye

Ponte Vedra, FL

SEVEN SPRINGS GOLF CRS. Champion, PA X.G. Hassenplug

SENTRY GOLF COURSE Stevens Point, WI Robert T. Jones, Jr.

LANDSCAPE & TURF SUPPLY-



307 E. 6th St., Chaska, MN 55318

#### 1982 PRICES

1 - 3 ton ... \$177.00 F.O.B. Chaska 3 - 5 ton ... \$167.00 F.O.B. Chaska Truckload Bag \$120.00/ton + Freight Truckload Bulk \$95.00/ton + Freight



GOLF FAIRWAYS . . . One to three applications a year at 600 to 1,000 pounds per acre provide a rich, velvety turf. Milorganite-fed turf needs less water due to Milorganite's low salt index. Dormant winter applications hasten spring greenup and make better use of labor on golf courses and sports fields.

GOLF GREENS AND TEES . . . Milorganite feeding (write for detailed program) — as the source of nitrogen, phosphorus, and all minor elements — simplifies mainte-nance. This fertilizer insures a uniform and continuous growth. Dollar spot and other turf diseases are less frequent and less severe according to tests at noted Agriculture Experiment Stations. Less fungicide is needed to prevent or stop them. Milorganite assures optimum turf color and density - true quality.

ATHLETIC FIELDS , , , Ample Milorganite every 4 to 6 weeks of growing weather is the secret of good grass cover on heavy wear sports fields. A dormant application following the last game is widely practiced for early spring "greenup."



#### MIL ODGANITE ANALYSIS

				Percent
Nitrogen .				6.25
Nitrogen Phosphorus				2.38
Potassium				0.315
Sulfur				1.02
Calcium				0.69
Magnesium				0.32
Iron				6.40
Aluminum	9	16	200 200 200 200 200 200 200 200 200 200	1.20
Chromium				0.60
Lead				0.046
Manganese				0.018
Sodium				0.136
Zinc				0.144
				Parts Per Million

79.0 Cadmium . Cobalt 5.1 405.0 Copper Mercury 48 Molybdenum . . .

- (612) 448-3300 -

Using effluent not only relieves the need for fresh water, but provides an economical solution to the disposal of treated wastewater.

The American Society of Golf Course Architects has compiled a list of twenty-five new courses -- covering a broad range of private, resort and public layouts -- that provide an interesting challenge to golfers.

Some, such as the Tournament Players Club and the P.G.A. Natinal in Palm Beach Gardens, Florida will become familiar sites through television exposure.

Others are noteworthy because of their breathtaking sites:

Broadmoor South in Colorado Springs, Colorado; Eagle Ridge in Galena, Illinois; Grandfather Golf and Country Club, Linville, North Carolina; Oyster Reef Golf Course, Hilton Head, South Carolina; Quechee Club, Quechee, Vermont; Port Ludlow Golf Course, Port Ludlow, Washington; Sentry Golf Course, Stevens Point, Wisconsin; and Kananaskis Golf Course, Alberta, Canada.

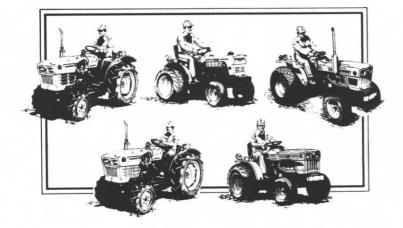
Golfers also will find outstanding new public courses, such as Mangrove Bay, St. Petersburg, Florida; Phalen Park Golf Club, St. Paul, Minneosta; Blue Ash Golf Course, Cincinnati, Ohip; and Garland Municipal Golf Course, Garland, Texas.

Given a few years to mature, some of these new courses may well be challenging such famous names as Oakland Hills, Cypress Point, Pinehurst, Pebble Beach, Augusta National, Oakmount, and Merion for their place in the list of the world's very best golf courses.

continued on Page 6

## YANAF

### **Diesel Tractors**



#### 5 World Proven Yanmar Diesel Tractors, 16 to 33 HP

Yanmar's full line of easy to operate compact tractors. Choose an 18, 22, 27, or 33 HP Yanmar Diesel and get Shuttle Power Shift standard. Mounted on the steering column for easy fingertip control, it lets you shift on the go without clutching.
You get the ease of automatic

without the power loss of hydraulic or hydrastatic type transmissions Plus Yanmar's 2-speed Live Power Take-Off keeps your implements working even

You get big tractor features in when you slow down or stop. So you do more work in less time. Even our "Little Big Performer" the 16 HP diesel tractor offers you an all gear transmission, a hydraulic pump with live hydraulics and an easy to use 3 point hitch. All standard.

Now, get a world of difference in a full line of compact diesel tractors. Get a Yanmar.



KROMER CO.

MOUND, MINNESOTA 612/472-4167