

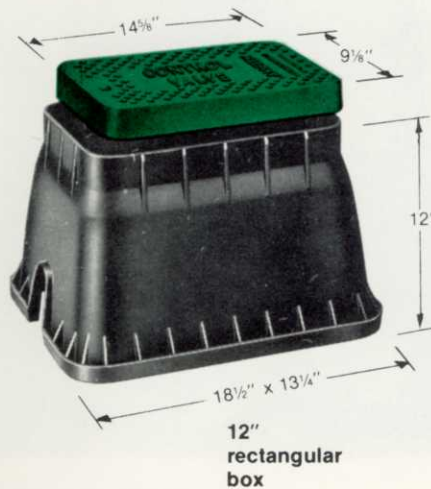
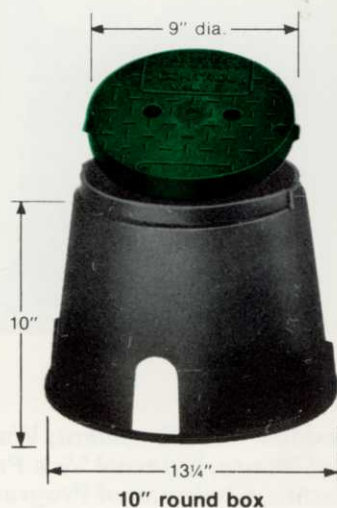
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# Everglades Chapter: Looking to the Future

by Sandra P. Carmouche

In years past, the Everglades Golf Course Superintendents Association relied on the same few dependable individuals to take care of business, year after year. These were the superintendents who pulled together an organization that benefitted all its members, even those who didn't have the time or means to help with the burden.

With elections that were held last June, that has changed. A new generation of superintendents is now at the helm of the EVGCSA, evidence of interest in the Association among younger members.

The new President of the Association, Cary Lewis (Vintage Country Club in Fort Myers), has set a list of goals for his administration that will require a great deal of hard work.

Those goals include a new set of Bylaws which will coincide with the new set of National Bylaws. He plans to upgrade the services provided to the members and create an internal certification program to help member superintendents who aren't yet certified.

Lewis also hopes to establish a liaison with the South Florida PGA in order to promote an improved working relationship between pros and superintendents.

Closer to home, Lewis is making an outline of important dates (Poa Annua, monthly meetings, etc.) that can be passed on from one Board of Directors to the next, so that when new officers are elected, they'll know what needs to be done and when.

Another item being discussed is the possibility of a permanent part-time secretary to keep track of mailing addresses, dues, membership lists, etc.

But Lewis' primary goal is for the Association to continue its quality performance for its members. That won't be possible unless younger members take an active role in supporting the Association.

A lack of interest and involvement among younger members would result in the waste of years of diligent hard work that the veteran superintendents put into the Association. ■



Everglades Board of Directors

From left to right: Bob Shevlin, Secretary/Treasurer; Jerry Redden, Vice President; Wayne Lippold, Chairman of Membership and Social Functions; Cary Lewis, President; David Moote, External Vice President; Bob Bittner, Golf Committee Chairman; Roy Briggs, Bylaws Advisor; Dick Naccarato, Chairman of Program Education, Scholarship, and Research; Al Lane, Supplier Advisor.

Not pictured; Mark Black, Sergeant At Arms; Bob Toski, Photographer; Norman Carmouche, Florida Green Reporter and FTGA Liaison.

## Toro Expands Attachments Available for Groundsmaster 117 Riding Rotary Mower

*52 in. Cutting Decks, Grass Collecting Systems Snow Thrower and Leaf Blower Added*

The Toro Company announce today the introduction of several new attachments for the company's successful Groundsmaster 117 riding rotary mower. The 117 was introduced last year (with a 44 in. side-discharge floating cutting deck) to offer commercial customers as well as rural/estate owners with larger acreages the productivity advantages of an out-front mower as compared with mid-mount riding tractors.

The new Groundsmaster 117 attachments include two new floating cutting decks (a 52 in. side-discharge model and a 52 in. rear-discharge model), quick-disconnect Grass Collecting Systems and leaf mulchers designed to fit the 44 and 52 in. cutting desks, a 44 in. two-stage snowthrower, and an Olathe leaf blower (the last two will be available in Fall 1986).

Mike Hoffman, Toro Marketing Manager for the 117 line, said, "It's been our intention all along to make the Groundsmaster 117 an even more versatile package. The product was received well its first year, for several reasons: with its front-mounted rotary decks, the 117 has the maneuverability of a walk-behind mower but also provides the operator comfort and high cutting output associated with commercial riding units. Because of the new decks, collection systems, blower, and snowthrower, we can truly say the 117 is a year round, all purpose riding mower for commercial or estate use. Our goal is to help our 117 customers meet more and more of their expectations with this one product."

Both new 52 in. cutting decks are capable of mowing up to 2.8 acres an hour at 5.5 mph and offset 12 in. to the left for close trimming. Each deck features a full flotation design with front and back rollers that minimize scalping. Height-of-cut is easily adjusted from 1 to 4 in. in 1/2 in. increments.

The new leaf blower is being produced by Olathe specifically for use with the Groundsmaster 117, and the new

two-stage snowthrower features an adjustable discharge chute and adjustable skids. Each of the new attachments features a Toro easy-disconnect design that allows fast hook-up and removal.

Hoffman noted that Toro is currently planning additional attachments for the Groundsmaster 117 that will further expand the model's versatility.

For additional information, contact The Toro Company, Marketing Services/Commercial Products Division, 8111 Lyndale Avenue South, Minneapolis, MN 55420. ■

## Hi-Wheel Spreader Added to LESCO Line

LESCO, Inc., Rocky River, Ohio, has added a Hi-Wheel Spreader to its LESCO Spreader product line.

The Hi-Wheel Spreader is equipped with large 13x5.00-6 pneumatic tires for less rolling resistance and increased stability in taller, thicker grasses. The LESCO Hi-Wheel Spreader is available with standard baked-on, chip-resistant epoxy finish or stainless steel frame, both with reinforced handles to provide long-lasting durability and strength.

Like the standard LESCO Spreader, the Hi-Wheel Spreader has an 80-pound capacity polyethylene hopper, corrosion-resistant "Delrin" 100 gears for smooth, trouble-free operation. Pneumatic tires, zerkl fittings and ball bearings provide ease of operation and lubrication to prevent corrosion. The third hole on the shut-off plate has an adjustable metering slide for varying product bulk densities. The durable bumper/handle on the front of the spreader protects the impeller and makes carrying easier. The stainless steel axle, impeller shaft and on/off assembly are durable and corrosion resistant.

Options available for the LESCO Hi-Wheel Spreader include: the patented Jet-Action Deflector to allow straight spreading edge along sidewalks, driveways and plantings; a vinyl hopper cover and a gear cover to protect spreader gears from corrosion and damage. A spreader package is available which includes the LESCO Hi-Wheel Spreader, hopper cover and Jet-Action deflector. ■



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# DIAZINON

## Information Update

CIBA-GEIGY has received notification from New York State that it has issued a 60-day stop use order on diazinon for sod farm and golf course use because of alleged unreasonable hazards to birds. Diazinon is the preferred insecticide for controlling grubs and other turf-destroying pests. It has been registered for use for more than 30 years.

The state based its action on alleged incidents of bird kills, principally waterfowl, attracted to turf. Based on the information made available, CIBA-GEIGY contends that the two of 54 nationwide bird kills examined by New York officials did state investigators find sufficient evidence to show that diazinon had been correctly applied according to label directions.

A few bird kills documented to have occurred following proper use of diazinon in 30 years of millions of applications indicates that the product can be used safely -- more than 99 percent of the time. CIBA-GEIGY feels it has been proven that diazinon does not cause unreasonable adverse effects on bird populations when used as proposed by labeling on file with the EPA.

Over the 30-year period, diazinon has been implicated as the potential cause of death of approximately 2,000 birds. The argument made by EPA and others that a large number of bird deaths from diazinon go unreported is purely speculation. The U.S. Fish and Wildlife Service (USFWS) estimates that each year some 57 million birds are killed by automobiles. Several billion more are killed annually by predators or other natural causes, according to the American Ornithologists' Union. Another 120 million are killed by hunters.

The USFWS concludes that these large kills have no bearing on the success of any bird species, with the exception of hunting. Further, at a recent EPA Scientific Advisory Panel meeting, the USFWS testified that no evidence links diazinon to population reductions in any bird species. The total annual U.S. avian population remains constant at approximately ten billion birds.

Recent studies have shown the numbers of Canada geese, a species sensitive to diazinon because of its foraging habits, are actually on the increase. The population of Atlantic Brant geese, a species of which 700 were allegedly killed from diazinon exposure in 1984, showed a healthy increase in 1985.

Diazinon can be used safely when applied at the recommended rate of no more than four pounds of active ingredient per acre for a single application. Two extensive field studies with granular and liquid formulations of diazinon applied at this rate followed by irrigation of one-quarter inch of water provided an adequate margin of safety for dabbling birds, such as mallards, and foraging birds, such as geese.

There is no such thing as zero risk in our society. The minute numbers of birds killed by diazinon exposure represents a tremendously minor risk when compared with the benefit of controlling turf pests. The action taken by New York is not practical, reasonable, or based on sound review of the available data. CIBA-GEIGY will vigorously defend the continued sod and golf course uses of diazinon. ■

## People on the Move

LESCO, INC., Rocky River, OH, has named Phil Gardner Vice President of its lawn care sales division. Barbara Craycraft will become manager of all large volume accounts.

Gardner began his career with LESCO in 1976 as a LESCO golf course salesman. He was named regional sales manager in the southeastern United States in 1979, and in 1983 became manager of LESCO product facilities in Sebring, FL. Gardner was named a LESCO Vice President in 1985.

Gardner had previously worked with Groezinger Golf Enterprises as a superintendent of Blackhawk and Minerva Lakes Golf Courses near Columbus, OH.

Barb Craycraft has been a part of the LESCO organization since 1966. She served as receptionist, secretary, manager of inside sales and manager of the LESCO lawn care division.

Craycraft attended Ohio State University. ■



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## Turfgrass Research Update

The game of golf has been played in one form or another for about 500 years, with the first permanent course being established in the early 1400's. Research and development of turfgrasses and its care is still in its infancy. The first turf plots were established in Michigan around 1880. From these early evaluations of species and mixtures, work continued and by the late 1920's there were a dozen sites where turf work was being done by the USDA, state agricultural experiment stations, and the USGA Green Section. Other countries such as England, Canada, New Zealand and South Africa also began turf programs in the late 1920's and early 30's. These early efforts were the ground work for the major advances of the 1950's. Major advances in equipment, turf cultivators, pesticides and fertilizers have brought turfgrass cultural to the point where it is considered a major industry.

During the late 1970's an increased public awareness of agricultural practices and their impact on the environment, and rapidly increasing maintenance budgets resulted in a re-evaluation of where turfgrass culture was headed. In 1982 the United States Golf Association established a Turfgrass Research Advisory Committee. The purpose of this committee was to develop, coordinate, and oversee a ten year research program that will lead to at least a minimum of 50% reduction in water use and a 50% reduction in golf course maintenance costs based on 1980 figures.

The Golf Course Superintendents Association of America was invited to participate on the committee in 1983. The GCSAA has become an active, full partner in this long range research effort. These two organizations now lead the way jointly, to improve turfgrasses for golf, to lower maintenance costs and to conserve water and other essential resources in the management of all turfgrasses. To accomplish the goals and objectives outlined above, the committee realized there was a need for basic, fundamental turfgrass research. From this basic work, the next 50 years of growth and development of the industry will be generated. Since 1982, the Research Committee has funded 22 research proposals at 17 colleges and universities across the country. Over the past four years, the USGA Executive Committee has placed

\$1,279,600.00 in support of this effort. For 1986, \$465,718.00 has been approved for the continuation of this effort.

The goals and objectives of this long range program are centered around five major projects. They are:

- 1) The USGA Turfgrass Information File- to provide a computer data base of all published information on turfgrass research and maintenance. This project is located at Michigan State University Libraries and to date contains over 8,000 references. This storehouse of information is available to anyone with an interest by simply calling, (517) 353-7209.
- 2) Stress Mechanisms
- 3) Cultural Practices
  - a) Soil Compaction
  - b) Management
  - c) Water
  - d) Rooting
  - e) Pathology
- 4) Turfgrass Breeding—I
  - a) Zoysiagrass
  - b) Native Grass
  - c) Poa annua
  - d) Bluegrass/Ryegrass
- 5) Turfgrass Breeding—II
  - a) Bermudagrass
  - b) Bentgrass

If you would like more information on these research programs, please contact Mr. Bill Bengeyfield, National Director, USGA Green Section, P.O. BOX 3375, Tustin, California 92681. ■



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## The Search for Greener Grasses

By Helen Fosgate  
Georgia Experiment Stations

GRIFFIN, Ga. — More than 400 people gathered recently at the 1986 Turfgrass Field Day at the Georgia Agricultural Experiment Station here. Some people might be surprised to find that there is such interest in growing grass, but not those familiar with this flourishing industry.

Turfgrass is a major agricultural industry in Georgia now. And the Georgia Station is one of the top research facilities in the country for turfgrass research. The tour was to show the public just how the experiments involving turfgrass are progressing.

The effort doesn't just involve scientists from the Georgia Station. Researchers in agronomy, entomology and plant pathology from the College Station in Athens and the Coastal Plain Experiment Station in Tifton are also involved in the effort.

Urban agriculture in fact, has become one of the major thrusts of the Georgia Station in recent years. Situated less than 70 miles south of the Atlanta metropolitan area, the Georgia Station is in an ideal position to look at programs that will benefit those living in urban areas.

Among the four presentations were evaluation of new turfgrass cultivars and cultivation methods, the irrigation needs of turfgrass species, the effectiveness of herbicides, the influence of soil pH on growth and the effectiveness of plant growth regulators on bermudagrass. Also the enhancement of color in centipede grasses with iron and nitrogen was featured, as well as the use of preemergent herbicides for weed control and turfgrass tolerance to traffic, herbicides and plant growth regulators.

The field day was designed for golf course superintendents, parks and recreation directors and employees, athletic coaches and grounds maintenance personnel and interested homeowners. In fact, there are thousands of Georgians whose livelihood is directly involved with the maintenance and control of turfgrasses.

The benefits of the research being carried out in Georgia's Agricultural Experiment Station are many. Thousands of homeowners stand to benefit from the work being done here, as do industries. ■

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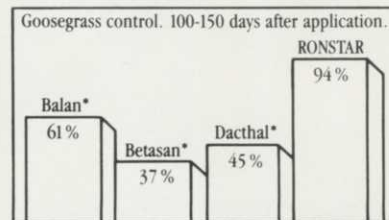


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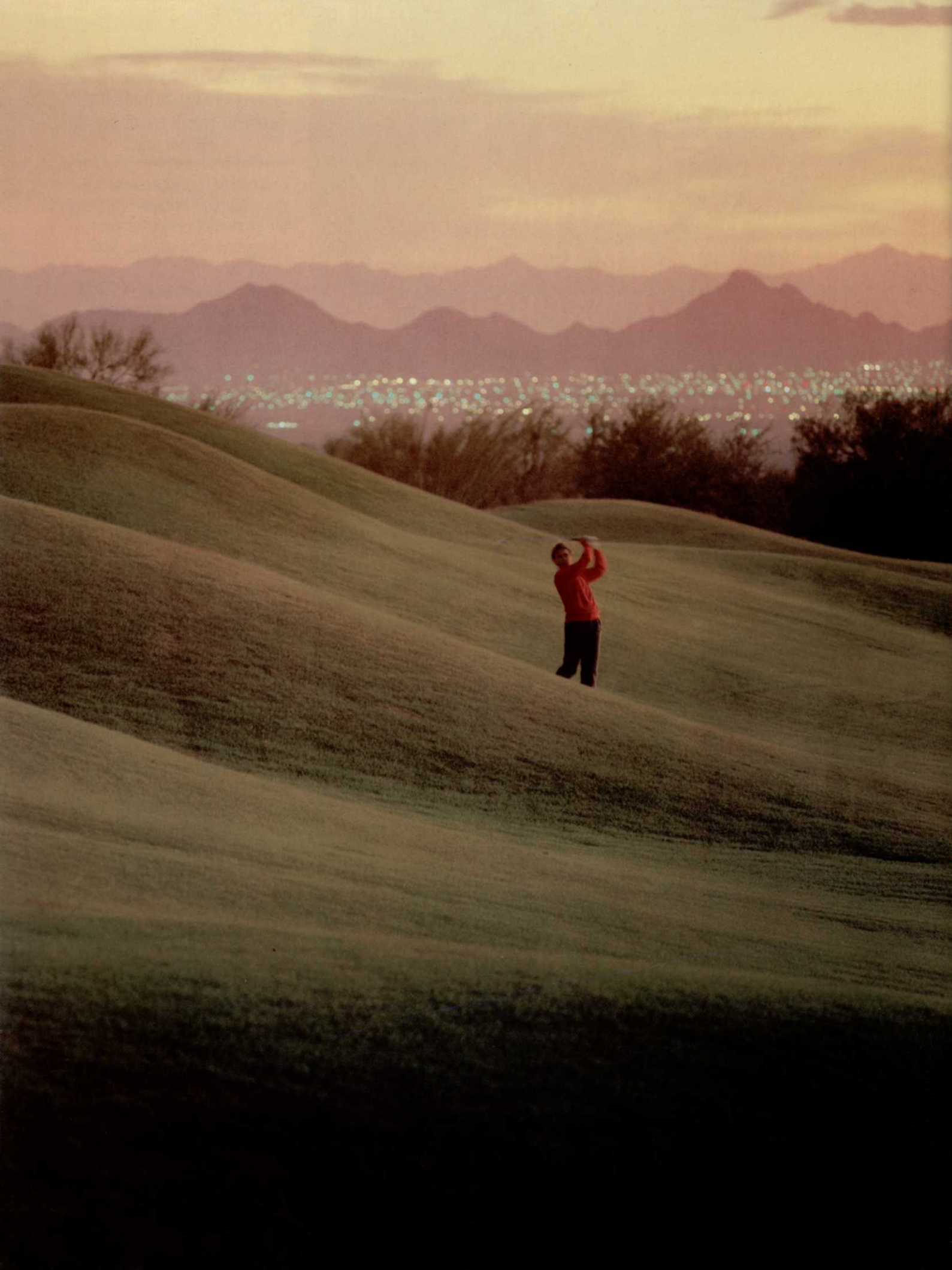
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# "GEARING UP" for Phoenix

By: Irene Jones

Biggest and Best are being used by the GCSAA to describe Their 58th International Golf Course Conference and Show, to be held January 26 - February 2, 1987, in Phoenix, Arizona. This international event is the largest trade show in the golf course industry. Preparation is the key to getting the maximum benefit from this conference for first, your golf course operation and second, your own personal enjoyment and enrichment. In order to do this preparation lets take a look at the vast and varied new educational information that we will be exposed to; along with all of the extra special events and happenings.

Getting things started will be The 1987 GCSAA's Golf Championship which will be held on January 26, 27, 1987 in Tucson. Host courses for this event will be Ventana Canyon Golf & Racquet Club, Randolph Park (North and South) Golf Course, Fred Enke Golf Course and Canoa Hills Country Club.

Gary T. Grigg, CGCS is Vice President of Golf Course Construction for Kindred & Company, the developer of Ventana Canyon Golf & Racquet Club. Gary also serves as President of The Southern Arizona GCSA. As Vice President of Golf Course Construction, part of his responsibility includes overseeing the golf course operations of ten existing courses, along with helping to develop three more that are in the works at the present time, for a total of thirteen properties. Ventana Canyon is Gary's home course and the base for his operations. The other properties are in Arizona, Texas, Kansas and Florida. Gary is also a member of The Certification Committee for GCSAA. (In his spare time?) Gary took time out to tell the Florida Green how he feels about being one of the Host Superintendents for the 1987 GCSAA's Championship Tournament. "I'm really looking forward to seeing old friends from previous tournaments, as well as meeting superintendents from the various GCSAA Chapters."

A member of GCSAA for 17 years, Gary has played in 15 GCSAA Championship Tournaments, which is part of the reason why he is really looking forward to having the tournament at Ventana Canyon in 1987. "We requested that the tournament be held at Ventana Canyon". My question in regards to playing conditions were somewhat "basic", because my experience in playing a course mainly consists of the driving range area and the putting green. I did find out this though, "Hit it straight, because desert courses are 'semi-target' or 'tight' somewhat like Florida courses. They are not wide open."

Once on a visit to Jackson Hole Wyoming I got up enough courage to leave the driving range and ventured out on the links. Half way through that round I realized that my thumbs were completely numb. Frozen and fearing frostbite I decided to head back to the warm clubhouse. So, in hopes of saving some other thin blooded

Floridian I asked about the weather conditions on Ventana Canyon Golf Course in late January. Gary reminded me that, "January is still winter so we could get some pretty chilly weather if a cold front decides to move in. The average temperature for this time of the year is in the high 60's or low 70's. Night temperatures will go down into the 30's on the course." So, Southerners be prepared. The golf courses in the Phoenix area have two different types of putting surfaces; Ventana Canyon and Canoa Hills have Bent Greens, while The Randolph Park and Fred Enke Golf courses have Bermuda Greens overseeded with rye.

The field of men competing this year is 400. Men with 0-10 handicaps will be teeing off at Ventana Canyon. The Women's tournament consists of 26 players and will take place on the Randolph Park (South) Course.

An interesting note for our readers, Gary told The Florida Green that he is flying in and out of Tampa on a regular basis now because one of the new properties that is being developed by Kindred & Company is The Tampa Palms Golf Course, located in the Tampa Bay area, over on our Florida West Coast. Tampa Palms is scheduled for opening in the great green golf course state of Florida sometime during the 1988 season.

## TWO SEMINARS ARE OFFERED IN TUCON"

On Saturday, January 24, 8:00 a.m. — 5 p.m. the seminar, "USGA Intermediate Rules of Golf" will be presented by USGA Officials. "Business Communications and Assertiveness Techniques", a thought-provoking seminar designed to enhance communications & management skills will be presented by J. Stephen Hazel, PH.D. on Sunday, January 25, 8:00 a.m. — 5 p.m. These two day seminars will allow golf tournament participants the opportunity to take a seminar on one day and get in some practice on the other day.

## THE 1987 CONFERENCE WILL OFFER TWENTY EIGHT SEMINARS:

Reading through the list of these seminars (See Master Schedule on page ) clearly shows that the educational opportunities being offered to the Golf Course Superintendents today are all planned to produce the highly educated Golf Course Manager who is in demand by our industry today.

All GCSAA seminars offer Continuing Education Units which may be applied toward re-certification of Certified golf Course Superintendent (CGCS) status. In 1989, candidates for certification will be required to have com-

(cont. on page 62)





*Unerring accuracy is a must in negotiating the eighth at Ken Venturi's Eagle Creek Country Club, Naples, Florida.*

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