

were improvements on the old Arizona seeded bermudas:

- For lawns
  - Roselawn St. Augustine
  - Paraguay Bahia
- For golf courses, bermudas
  - Greens
    - Everglades 1
    - Everglades 3
    - Bayshore
  - Fairways
    - Ormond

Several years later Gainesville released one of the St. Augustine bitter blue accessions from our Belle Glade nurseries, giving it the name "FLORATINE". We obtained this in the mid-forties from the Blossom Estate in Palm Beach.

Several "Firsts" may be of historical interest:

1946. The first ANNUAL TURFGRASS FIELD DAY was held in Belle Glade at the experimental grass nurseries in October.

1946. Before 2,4-D was given this abbreviated name we reported killing creeping charlie (matchweeds) and water hyacinths with it — the first use of this herbicide in Florida.

1947. TROPICAL TURF TIPS, probably the first monthly turfgrass publication in the U.S., was instituted in March. An amazing 89 of 100 golf course superintendents who got



Turfgrass observational plots at Everglades Experiment Station, Belle Glade, 1947.

(Continued on Page 32)

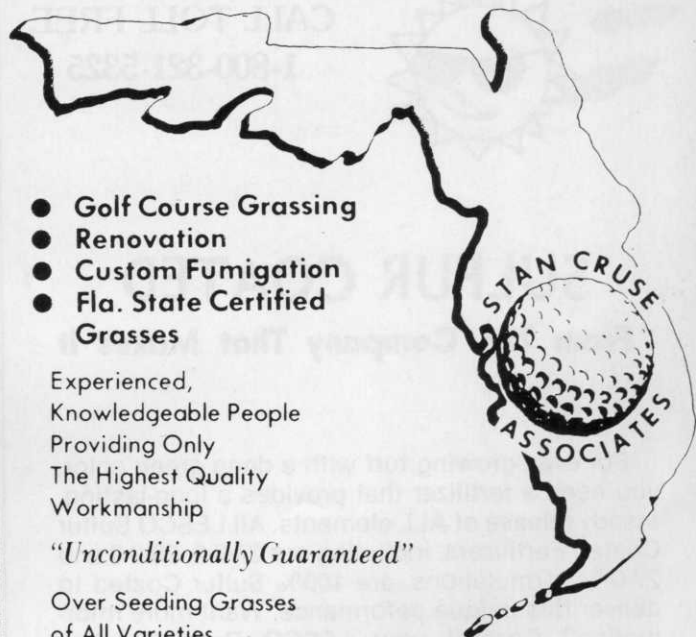


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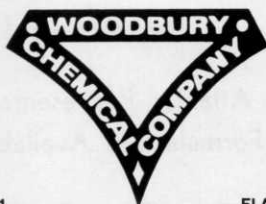
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*Strains of Bermuda Grass at the Everglades Experiment Station, Belle Glade, 1947. Left to right: St. Lucie, Davie strain from Davie, Fla.; giant strain from Clewiston, Fla.; fine leaf strain from Key West, Fla.; fine leaf selection.*

*Soil Conservation Service Photo by Paul Tabor*

this first edition wrote to request their names be put on a mailing list. Three months later this list had grown to 300.

1947. The First Annual Turfgrass Management Conference was held in Miami Beach in May. Subsequently these yearly meetings were held at St. Petersburg, Jacksonville, and Palm Beach.

1947. At the Indian Creek Country Club, Miami Beach, 206 grasses were planted in observational plots. Several bentgrass varieties lived over two years here.

1948. Before ALDRIN insecticide production was assumed by Shell Chemical, and even before it was named, we reported that on a tee infested with mole crickets at the Belle Glade 9-hole golf course, crickets were killed daily for 30 days following treatment.

1949. At Johnny Schabinger's Palm Beach Golf Club, we reported that TERSAN fungicide gave us more protection against Rhizoctonia fungus on ryegrass winter greens than did four other chemicals tested. We got the same results on the golf course at Belle Glade.

1950. Ammonium sulphate trials on greens at Belle Glade gave slightly better growth responses than did sodium nitrate, uramon or ureaform nitrogen.

Soluble fertilizer applied through greens irrigation proved fully as satisfactory as solid fertilizer applications.

1950. Test plots of up to 100 of the more promising turfgrasses had by now been established also at Ponte Vedra, a cemetery in West Palm Beach, and at branch experiment stations of the U of F at Homestead, Sanford and Leesburg.

#### ONE REGRET

We released ORMOND bermudagrass because of its immense vitality. If we had known how it would invade greens after planting only on fairways, we would probably have suppressed it.

Possibly 100 superintendents will attend the funeral of this investigator for the purpose of standing in line for the opportunity of planting Ormond on his grave.



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## Florida Plows Ahead In 1980

The state of Florida, which for the last decade has been among the nation's leaders in the development of new golf facilities, is up to its tricks again in the first half of 1980.

The Sunshine State, blessed with year-round playing conditions and an estimated 36 million annual visitors, actually shows more development action in the first six months of 1980 than a similar period in 1979 — a year in which Florida led the nation in new openings.

A breakdown of this development for the period of January 1 through June 30 shows the following in new courses or in additions to existing facilities:

- Courses opened — 9-hole, 2; 18-hole, 8.
- Courses scheduled to open in 1980 — 9-hole, 3; 18-hole, 12.
- Courses that went under construction — 9-hole, 5; 18-hole, 7.
- Courses planning to go under construction — 9-hole, 2; 18-hole, 12.
- Courses that went into the planning stage — 9-hole, 2; 18-hole, 17.

— Larry Smith  
(Reprint — N.G.F.)

## FGCSA BOARD MEETING

The annual meeting of the Florida Golf Course Superintendents Association will be held at 7:00 p.m. Monday, October 20, 1980 at the Gainesville Hilton in Gainesville, Florida. Reports on the Association and presentation of new officers will take place in the Delta, Beta and Gamma room. All golf course superintendents are encouraged to attend.

The Slate of Officers for two-year terms are Bill Wagner, President, Tequesta Country Club, Kevin Downing, Vice President, Atlantic Golf Club, Inc. and Don Delaney, Sect.-Treasurer, Isle Del Sol Country Club.

On Sunday, October 19, 1980 at 9:30 p.m. the F.G.C.S.A. Board of Directors will meet at the Gainesville Hilton in the Epsilon room. All external Vice Presidents and Presidents should plan to attend this meeting.

Further information can be obtained by calling Tim Hiers, at 305-295-2213 or 305-259-7330



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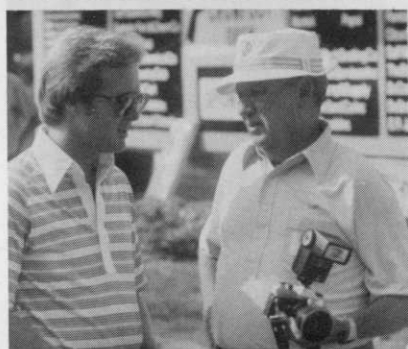
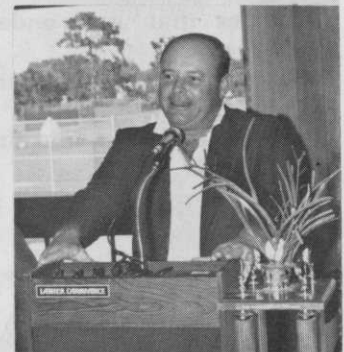


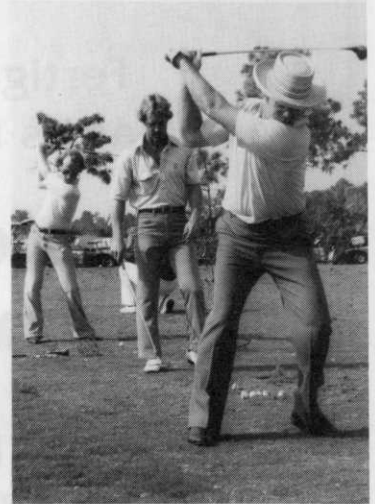
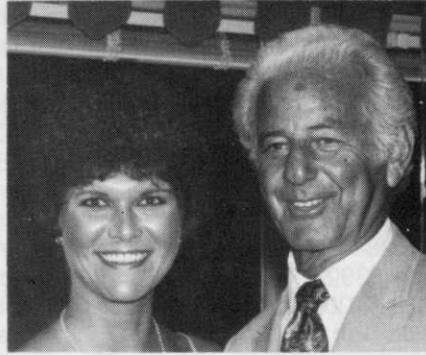
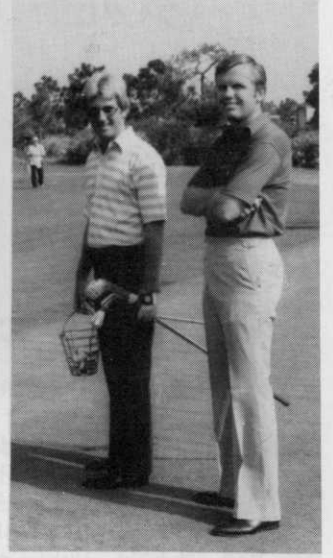
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# GOLF COURSE DEVELOPMENT REPORT

Compiled by Halina C. Hjerpe, Facilities Coordinator

## COURSES OPENED FOR PLAY

**FLORIDA** — Naples, PINE LAKES COUNTRY CLUB, 205 Charity Court, 33942. **Par-3** 18-hole Daily Fee. Opened July 1, 1980. GCA: Arthur Hills & Associates Contractor: The Wadsworth Company. \*Chick Parrish/Manager, c/o club.

## UNDER CONSTRUCTION

**FLORIDA** — Bradenton, IRONWOOD COUNTRY CLUB, 4500 Cortez Road West, 33505. **Executive** 9-hole Private **Addition**. \*William Nixon/General Manager, c/o club. RD.  
North Fort Myers, LAKE FAIRWAYS GOLF COURSE & MOBILE HOME PARK, P.O. Box 4535, 33903. **Executive** 18-hole Daily Fee. GCA: Ronald M. Garl. \*Bob Brown, c/o course. RD.  
Pine Island (Fort Myers), ALDEN PINES GOLF CLUB. 18-hole Private. \*Bill Maddox, 9844 Treasure Key Lane SE, Bonita Springs, Florida 33923. RD.  
Sarasota, MEADOWS GOLF CLUB, 3100 Longmeadow Drive, 33580. 9-hole Daily Fee **Addition**. \*Mike Claton/Pro, c/o club.  
Spring Hill, SPRING HILL COUNTRY CLUB, Coronado Drive, 33512. 18-hole Daily Fee **Addition**. \*Contact club. RD.

## PROSPECTS

**FLORIDA** — Boca Raton, ST. ANDREWS COUNTRY CLUB, c/o St. Andrews Country Club Inc., 1499 West Palmetto Park Road, Suite 410, Boca Raton, 33432. 36-hole Private. GCA: Karl Litten, Inc. \*T. J. Johnson/Director, c/o St. Andrews Country Club Inc.  
Collier County, name & location undetermined. **Executive** 18-hole Daily Fee. \*Thomas P. Hoolihan, Seago Corporation, 3340 Marina Town Lane NW, Fort Myers, Florida 33901. RD.  
Naples, name, location & type undetermined. 36-holes. \*Manchester Development Corporation, 1st National Bank Building, 3401 North Tamiami Trail, Suite 205, Naples, 33940. RD.  
St. Augustine, DEEP CREEK GOLF & RACQUET CLUB, c/o Deep Creek Enterprises N V, 12955 Biscayne Boulevard, Suite 100, Miami, Florida 33181. 18-hole Private. GCA: Karl Litten, Inc. \*Mike Riise/Director, c/o Deep Creek Enterprises.

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*Golf course superintendents are educated, exceptionally hard-working, goal and result oriented individuals. They have pride in their work and deserve the best of their professional world. This article is a true reflection of dedication to their profession.*

UDAY K. YADAV

Jimmy Ellison, the surprisingly young, surprisingly mod Bay Hill course superintendent, thinks of himself as much more than a greenskeeper. He thinks of his crew as much more than common laborers and he thinks Arnold Palmer's lush Bay Hill acres as much more than just another golf course. He believes, as a team, they are headed for greatness.

When you think "greenskeeper", you usually think of a wizened, little man with skin like an iguana's after spending countless summers beneath the sun with hands buried in the soil. A man whose work seems closer to Voodoo than science — who will tell you soon it's gonna rain 'cause his knee is actin' up. Ellison isn't like that.

- A small radio on his desk gives constant updates on the government weather reports. He listens to every change with the intensity of a broker hearing the latest stock market report.
- Any course that hosts a PGA Tour tournament wants to look its best. But when your course happens to be owned by Arnold Palmer, best isn't good enough. You've got to be better than the best. "I want a perfected golf course — all the time, of course, but especially for the tournament," said Ellison. "Not just a good course, but a great one — and Mr. Palmer wants the same thing.

"Our goal," said Ellison, "is to reach the day when people say, 'If you can't play Augusta, you must play Bay Hill.' Maintenance is very important to a great course," explained Ellison. "Take Disney — their course gives you a clean taste because they're so neat. But I think we're the best."

Ellison is the first to admit no golf course superintendent can do it alone. Behind every great superintendent, there is a great assistant superintendent. Behind Jimmy Ellison is Norm Wilson.

"We really have good men working for us," said Ellison. "They are far more than common laborers. They believe in what we're doing, too. They take pride in their work."

He is getting faster greens by having mixed 35 percent of Jamestown Fescue, a winter grass, with 65 percent of Pennfine. It is all highly technical and the ability to produce those lightning-fast greens comes from Ellison's training.

Jerry Greene  
(Condensed from ORLANDO SENTINAL STAR  
February 24, 1980)

## *Editorial*

Golf course superintendents are finding themselves in a no win situation as 1980 draws to a close. Inflation is running rampant and budgets are out the window. Cost of supplies are up 15% to 150% (see Brad Kochers' article on page 12) with no relief in sight. How do we cope?

Owners and green committee chairmen must be realistic. They should sit down with their superintendents and have a frank discussion on possible solutions and compromises. The superintendent has got to be an astute businessman and manager. He must go to his accounting department and compare actual invoices from a year ago with today's prices. This is a starting point for discussions with upper management.

Labor is still the number one budget item (60%). New hydraulic equipment can cut labor costs. Other innovative ideas such as not cutting greens on Sunday can be considered. Using curative instead of preventative programs with pesticides can save additional monies.

Where do we go in 1981? Needless to say a meeting of the minds must take place. Inflation is not going to fade away into the night. Either quality of maintenance standards must be adjusted downward or available monies for proper maintenance must be adjusted upward. The decision can not be taken lightly. All concerned parties must participate in searching for answers to this situation.



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