

(continued from page 60)

### PORT OF GOLD

The Yankees came en masse following the discovery of gold at Sutter's sawmill, 140 miles east of San Francisco, in 1848. During 1849, 40,000 people arrived, most of them in search of quick riches.

Today there are 5.5 million people in the San Francisco Bay Area. San Francisco, the hub of a nine-county complex and the financial and insurance capital of the West, has a resident population of 706,928.

### HILLS GALORE

It's built on a series of hills — more than 40. Consequently, almost every other street points the way to a panoramic view of the Bay. The principal hills, which early earned San Francisco the Roman sobriquet of "City of Seven Hills," are Nob, Russian, Telegraph, Twin Peaks, Mount Davidson, Rincon and Lone Mountain.

### HEADY CLIMATE

San Francisco is celebrated for its verve and individualism. Its climate is no exception. Temperatures rarely rise above 75 degrees Fahrenheit or drop below 45. Great, cleansing drafts from the Pacific seawash this city for all season and give it an aura of perpetual spring.

A crossroads to everywhere, San Francisco is host to over 3 million visitors a year.

### SIGHTSEEING MUSTS

Its principal attractions are its century-old cable cars, America's only mobile National Historical Landmark ...

Fisherman's Wharf with its view restaurants and colorful fishing craft ... Pier 39's village of waterfront attractions ... The Cannery restaurant-retail complex and adjacent Aquatic Park, home of the Maritime Museum, Ghirardelli Square and a flotilla of vintage ships ... Alcatraz, once the site of the U.S.' toughest maximum security prison, now a National Park ... Chinatown, the largest oriental enclave outside of Asia ... Golden Gate Park with its Japanese Tea Garden, Steinhart Aquarium, Morrison Planetarium, de Young Memorial and Asian Art Museums and over 1,000 wooded acres ... Mission Dolores founded by the Spanish padres in 1776 ... the pagoda-crowned Japan Center ... Jackson Square, a handsome pocket of historic Barbary Coast buildings, now a home furnishings center ... the Victorian shopping sector known as Cow Hollow on outer Union Street ... Ocean Beach and Seal Rocks ... the North Beach night life district.

### BON APPETIT

A metropolis in every sense of the word, San Francisco is renowned for the quality of its more than 4,200 restaurants and their cosmopolitan variety.

It supports an opera with a glittering tradition, a symphony orchestra in its 73rd season, a ballet that has won world acclaims, an annual International Film Festival, four public art museums and dozens of galleries, legitimate theaters presenting top offerings from New York and London and the local production circuit and a resident repertory company, the American Conservatory Theatre, of exceptional caliber.

Sports fans can see it "live" in the Bay Area — pro baseball (Giants/Oakland A's), football (S.F. 49ers), basketball  
(continued on page 62)

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(continued from page 61)

(Golden State Warriors), tennis, collegiate contests, horse racing ... the whole spectrum.

### HOLIDAY CROSSROADS

The headquarters for a vast vacationland, the cosmopolis known variously as the Paris of the West, Baghdad-by-the Bay and the Gateway to the Orient is within easy driving distance of the high Sierra resorts of Lake Tahoe and Yosemite, the Monterey-Carmel peninsula, California's wine country, the Redwood Empire and the spectacular Mendocino Coast.

### TOURS UNLIMITED

San Francisco's visitors have access to a wide range of sightseeing services, including bus tours of the city and surrounding attractions, boat tours, Chinatown tours, museum tours, night club tours, personalized tours, self-guided tours, walking tours and fishing excursions.

There are numerous San Francisco travel package offerings. Ask your travel agent or airline office about low-cost tour arrangements.

For further information on things to see and do in Golden Gate country, write to the San Francisco Convention and Visitors Bureau, Box 6977, 94101 — telephone (415) 974-6900.

### ETHNIC DIVERSITY

San Francisco has an international birthright. Five flags

(English, Spanish, Mexican, Republic of California and U.S.) flew over the region in four centuries (1579-1850). The frenzied rush for gold peopled the port with men of all colors, customs and accents. The city's innate cosmopolitanism is evident everywhere — in its cuisine, its neighborhoods and street names, its cultural fabric and especially in the ethnic pageantry which highlights its annual events schedule.

## Chapman Promoted to V.P.

"Wesco-Zaun Announces Promotion of John D. Chapman to Consumer Division Vice-President."

John J. Cantu, President of Florida's West Coast Toro distributor, Wesco-Zaun, Inc., has announced the promotion of John D. Chapman to Consumer Division Vice-President.

Chapman began his power equipment career as the firm's parts manager in 1973. He was then promoted to salesman, and later to sales manager. Chapman became business manager of Wesco-Zaun in 1981. During his Wesco career, Chapman attended night classes at Tampa College. He graduated with a B.S. degree in marketing in 1981. Chapman and his wife, Sandy, and their two daughters reside in Sarasota.

In his announcement, Cantu commented on Chapman's excellent performance record. The promotion, he stated, will strengthen Wesco-Zaun's organizational structure to better serve Wesco's 300 plus retail dealers and commercial market in West Florida and the Miami area.



From the Lake Wales Farm each circle represents 50 miles

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160 gal. poly tank, 3-section boom for 18-1/2 ft. coverage. Spray with 1, 2, or all 3 booms. Fingertip control of all spray system functions.

### the aerifier . . .

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### the spreader . . .

Precise rate settings for a uniform pattern. Top dress sand in 12 to 20 ft. swath, apply seed, fertilizer and lime 20 to 40 ft. Up to 500 lbs. per minute.

### the utility truck bed . . .

Reinforced steel, 1500 lbs. capacity. Converts to dump bed with addition of Hydraulic Package.

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# S.F.G.C.S.A. Sponsors Benefit for Adam Walsh Center

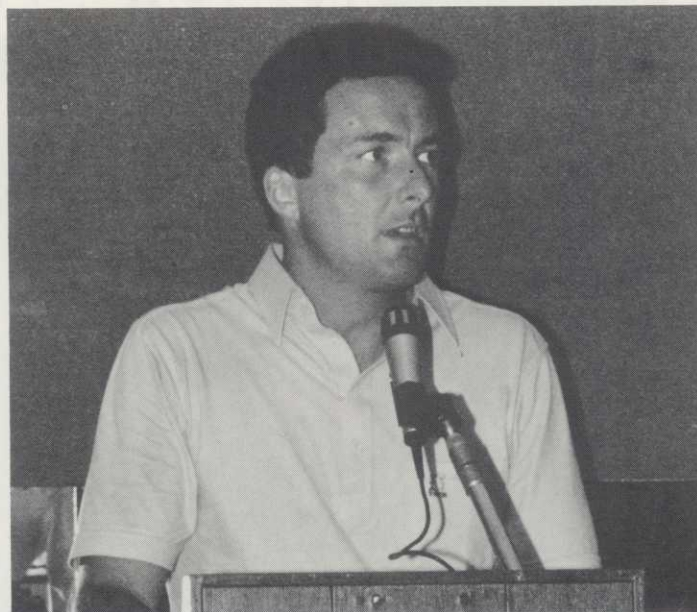
On July 29, 1985 the South Florida Golf Course superintendent's Association sponsored the first Annual Adam Walsh Benefit Golf Tournament. The event was played at the lush Emerald Hills C.C. in Hollywood, Florida. Host Golf Course Superintendent, Loy Faulk, had the golf course in great playing condition despite heavy rains the week preceding the tournament. Golf director, Mike Burke, and his courteous staff provided a tremendous help in directing the shotgun start.

Each of the 22 participating teams consisted of a club Superintendent, Golf Professional, member, and Eagle Sponsor. The golf format was a Best Ball,  $\frac{3}{4}$  handicap event. The winning team of Jerry Sehlke, Richard Cappolla, David Lottes, and Pete Avery posted a team score of 13 under. Close at their heels was the team of Bill Robinson, Glen Zakany, Bob Clark and Valerie Brown.

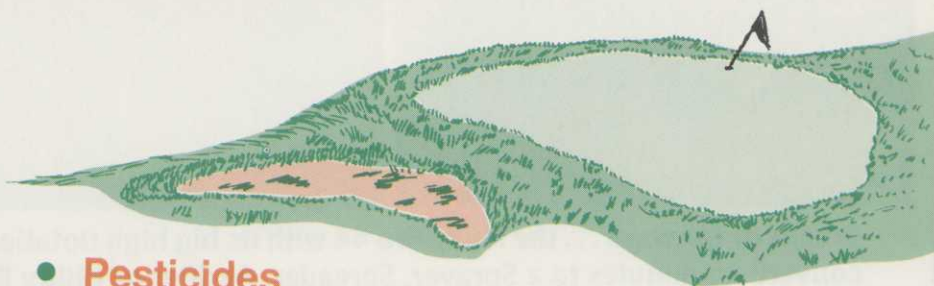
The low Pro prize of \$150.00 went to Roger Kennedy of Pompano Beach C.C. who posted a scorching 68. Runner up honors went to Tony Valentine of Woodmont C.C. with a fine 72.

Numerous raffle prizes were given away after everyone enjoyed a delicious barbecue style luncheon. The highlight of the event was the presentation by the South Florida Golf Course Superintendent's Association of a check in the amount of \$2,500.00 to Mr. Jim Walsh of the Adam Walsh Child Resource Center.

Special recognition and thanks should be given to the 22 golf course suppliers and area businesses who donated \$300.00 each to make this charitable event the fabulous success it was. ■



*John Walsh thanking S.F.G.C.S.A. for their support of the Adam Walsh Child Resource Center.*



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# The Gator Growls

By: Sandra P. Carmouche



## Innovative Idea Pays Off

Innovative ideas for improving the tools and equipment used in golf course maintenance are common among golf course superintendents. And since the superintendent must deal with any problems that arise from a product, he is in the best position to know what needs improving.

For Hank Maus, the superintendent at Palmetto Pines Country Club in Cape Coral, the problem in March of 1984 was the trap rake that golfers use to erase their tracks from sand traps.

"They looked horrible," says Maus, "and no matter where you were in a sand trap, the rake was always on the other side."

Then when an employee mowed down 45 trap rakes that had just been purchased, Maus was angered to action.

He came up with a concept for a new product and presented it to his mechanic, Walt Grube.

Together Maus and Grube developed a trap rake that is durable and convenient for a golfer to use while requiring no maintenance by golf course personnel.

Made of lexan, a high quality plastic used to make football helmets, the rake is built to last a lifetime. Engineered for safety, there are no sharp edges and the fiberglass handle was designed for easy gripping by women. Available in an assortment of colors with covers that can be personalized with club logos or names, it folds to fit in a golf bag along with golf clubs.

With a prototype built, Maus and Grube applied for a patent and formed Do Nan Enterprises.

Since then, Maus has suffered good-natured ribbing from peers and the arduous patenting process. Finding a firm to manufacture the product was difficult and Maus and Grube had to rely on the "word-of-mouth" method to market the rake.

Finally, in May of 1985, they received an order from a firm with 11 national distributors. Delivery is scheduled for August and there are several golf courses interested in ordering the rake and giving them to members as dues are paid.

"It will be a great money-maker for pro-shops," adds Maus. "They can be sold as gifts or bought with chits won in tournaments."

With the success of the trap rake, Do Nan has other plans which it hopes to put into production.

Prototypes for several aluminum rakes are being used by Maus and Grube already. Rollers that contain no fluid and are easy to rebuild have been developed by Grube for use on large pieces of equipment, such as fairway units. There are also a few projects on the board that would benefit consumers in general.

But possibly the most ambitious of Do Nan's projects is a new greens mower that will "blow the market" according to Grube. Plans for the mower were sent to Washington D.C. five months ago and Maus and Grube are awaiting a patent.

Although most golf course maintenance tools and equipment reflect quality craftsmanship, there is always room for the market to expand; particularly where new ideas are concerned. And who better to create products for an expanded market than the golf course superintendent. ■

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# MEMBERSHIP APPLICATION FOR FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATION

(PLEASE PRINT)

I, \_\_\_\_\_, hereby make application for membership  
in the \_\_\_\_\_ G.C.S.A. and agree to observe and abide by its by-laws.  
(local chapter)

My mailing address is \_\_\_\_\_, Zip Code \_\_\_\_\_

I am employed by \_\_\_\_\_, City \_\_\_\_\_

I have been employed here for \_\_\_\_\_ years. Position: \_\_\_\_\_

Age: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Phone: Home: \_\_\_\_\_ Bus.: \_\_\_\_\_

Marital Status \_\_\_\_\_ Spouse's Name \_\_\_\_\_

Number of Dependents \_\_\_\_\_

## WORK EXPERIENCE:

Firm or Club	Address	Position	Years
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____

List other organizations and associations in which you are member that are related to your profession \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please list ways you feel that you can contribute to this organization and the betterment of its members \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Personal References in this profession. \_\_\_\_\_  
\_\_\_\_\_

Date \_\_\_\_\_, 19 \_\_\_\_\_ Signed \_\_\_\_\_  
Signature of Applicant

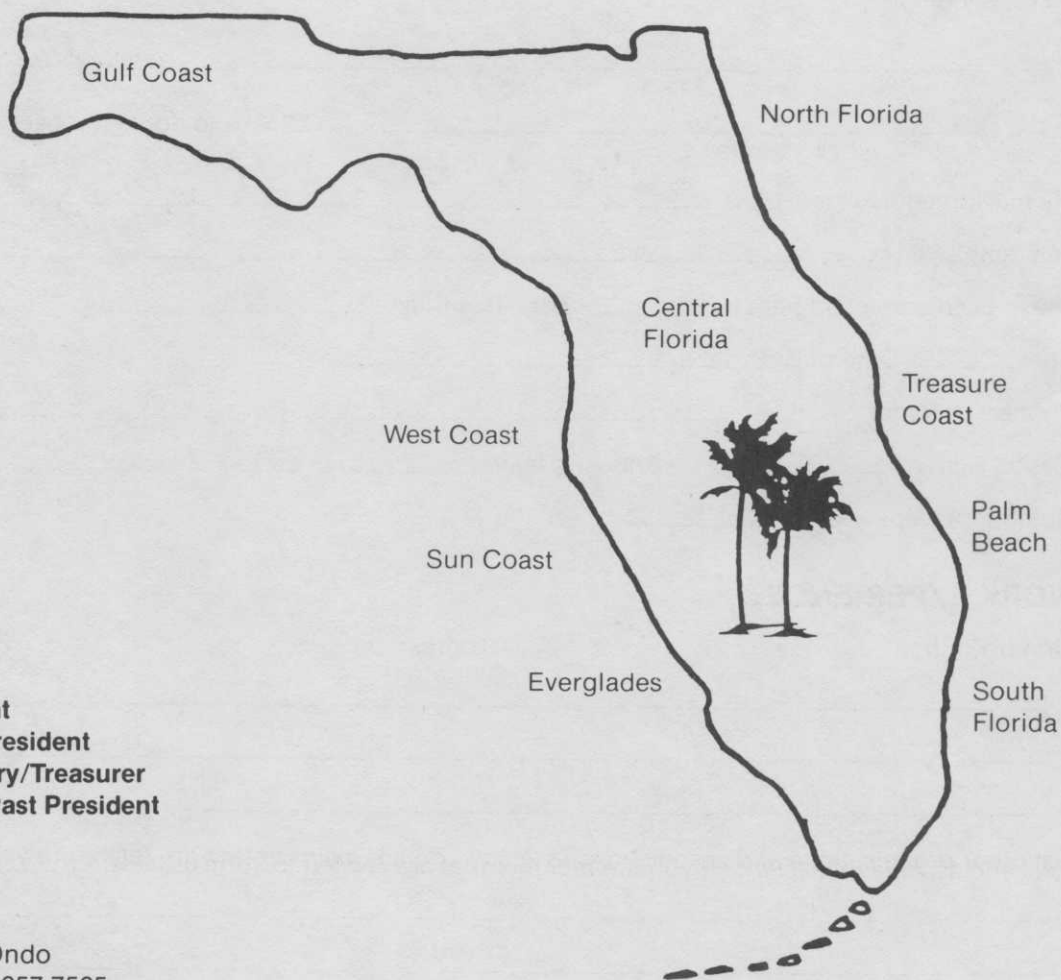
## APPROVAL BY MEMBERSHIP COMMITTEE REPRESENTATIVE:

Signature \_\_\_\_\_  
Date \_\_\_\_\_ Final Approval Date \_\_\_\_\_  
Officer's Signature \_\_\_\_\_

## MAIL APPLICATION TO:

FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATION  
c/o MARIE ROBERTS, SECRETARY  
1760 N.W. PINE LAKE DRIVE  
STUART, FLORIDA 33494

# FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATIONS



## OFFICERS:

**Tom Burrows - President**  
**Reed LeFebvre - Vice President**  
**Richard Blake - Secretary/Treasurer**  
**Don Delaney, CGCS - Past President**

Central Florida	Joe Ondo (305) 657-7565
Everglades	Mark Hampton (813) 263-0761
Gulf Coast	Chuck Rettew (904) 452-2555
North Florida	John Hayden (305) 733-3464
Palm Beach	Steve Pearson (305) 487-1800

South Florida	David Lottes (305) 475-0400
Suncoast	Gary Smither (813) 923-3104
Treasure Coast	Kevin Downing (305) 283-7500
West Coast	John Luper (813) 392-1234

IF INTERESTED, PLEASE FILL IN THE MEMBERSHIP APPLICATION ON THE REVERSE SIDE AND MAIL TO THE FGCSA OFFICE AS DIRECTED. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE SUPERINTENDENT IN YOUR AREA AS LISTED ABOVE.



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# SPECIAL FORMULATED IBDU FAIRWAY MIXES FOR FLORIDA TURFGRASS



A FULL GRANULAR BLEND, WITH A ONE TO ONE NITROGEN TO POTASSIUM RATIO. NITROGEN CONTAINS A COMBINATION OF SIX UNITS IBDU, 3.5 UNITS NITRATE NITROGEN AND 6.5 UNITS AMMONIACAL NITROGEN. THIS FAIRWAY GRADE CONTAINS MAGNESIUM, MANGANESE AND CHELATED IRON.

TOTAL NITROGEN (N) .....	16.00%
3.50% Nitrate Nitrogen	
6.50% Ammoniacal Nitrogen	
.60% Water Sol. Org. Nit.	
5.40% Water Insoluble Nitrogen	
AVAILABLE PHOSPHORIC ACID (P <sup>2</sup> O <sup>5</sup> ) .....	4.00%
SOLUBLE POTASH (K <sup>2</sup> O) .....	16.00%
Chlorine no more than .....	11.35%
Derived from Isobutylidene DiUrea, Ammonium Nitrate, Sulphate of Ammonia, DiAmmonium Phosphate, Muriate of Potash, Sulphate of Potash Magnesia.	

STATEMENT OF SECONDARY NUTRIENTS:

Total Magnesium (Mg) .....	2.40%
Water Sol. Magnesium (Mg) .....	2.40%
Manganese (Mn) .....	1.57%
Iron (Fe) .....	.06%
Derived from Sulphate of Potash, Magnesia, FTE 217, Chelated Iron.	



A GRANULAR BLEND WITH A COMBINATION OF 5 UNITS IBDU, 5 UNITS SCU, 5 UNITS SULFATE OF AMMONIA, ALL SULFATE OF POTASH CONTAINING MAGNESIUM, MANGANESE, AND IRON. THIS MIXTURE HAS GIVEN EXCELLENT RESULTS IN TESTS CONDUCTED AT THE UNIVERSITY OF FLORIDA RESEARCH CENTER.

TOTAL NITROGEN (N) .....	15.00%
5.00% Ammoniacal Nitrogen	
5.50% Water Sol. Org. Nit.	
4.50% Water Insoluble Nit.	
SOLUBLE POTASH (K <sup>2</sup> O) .....	15.00%
Chlorine no more than .....	2.00%
Derived from Isobutylidene DiUrea, Sulphur Coated Urea, Sulphate of Ammonia, Sulphate of Potash and Sulphate of Potash Magnesia.	
STATEMENT OF SECONDARY NUTRIENTS:	
Total Magnesium (Mg) .....	1.20%
Water Sol. Mag (Mg) .....	1.20%
Manganese (Mn) .....	1.00%
Iron (Fe) .....	2.00%
Derived from Sulphate of Potash Magnesia, Manganese Sulphate, Iron Oxide.	



A GRANULAR BLEND CONTAINING 4 UNITS IBDU, 9.5 UNITS SULFATE OF AMMONIA, GIVING 12.0 UNITS OF SULFUR (COMBINED). THIS MIXTURE HAS A FULL COMPLIMENT OF MINOR ELEMENTS INCLUDING IRON.

TOTAL NITROGEN (N) .....	16.00%
1.25% Nitrate Nitrogen	
10.75% Ammoniacal Nitrogen	
0.40% Water Sol. Org. Nitrogen	
3.60% Water Insoluble Nitrogen	
AVAILABLE PHOSPHORIC ACID (P <sup>2</sup> O <sup>5</sup> ) .....	4.00%
SOLUBLE POTASH (K <sup>2</sup> O) .....	8.00%
Chlorine no more than .....	5.00%
Derived from Ammonium Nitrate, Sulphate of Ammonia Isobutylidene DiUrea, Triple Superphosphate, Muriate of Potash and Sulphate of Potash Magnesia.	
STATEMENT OF SECONDARY NUTRIENTS:	
Total Magnesium (Mg) .....	1.16%
Water Sol. Magnesium (Mg) .....	1.16%
Manganese (Mn) .....	0.45%
Copper (Cu) .....	0.09%
Zinc (Zn) .....	0.08%
Boron (B) .....	0.03%
Iron (Fe) .....	1.24%
Sulfur (combined) (S) .....	12.00%
Derived from Sulphate of Ammonia, Sulphate of Potash Magnesia, Manganese Sulphate, Copper Sulphate, Zinc Sulphate Borate and Iron Oxide.	

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A FINE TEXTURED, BLENDED, ONE TO ONE-NITROGEN TO POTASSIUM RATIO FERTILIZER. NITROGEN IS A COMBINATION FAST AND SLOW RELEASE. POTASSIUM IS ALL SUL-PO-MAG.

TOTAL NITROGEN (N) ..... 8.00%  
 2.60% Ammoniacal Nitrogen  
 0.60% Water Soluble Organic Nitrogen  
 4.80% Water Insoluble Nitrogen

AVAILABLE PHOSPHORIC ACID (P<sub>2</sub>O<sub>5</sub>) ..... 1.00%  
 SOLUBLE POTASH (K<sub>2</sub>O) ..... 8.00%  
 Chlorine, not more than ..... 2.00%

Derived from sludge, sulphate of ammonia, isobutylidene diurea, and sulphate of potash-magnesia.

**STATEMENT OF SECONDARY NUTRIENTS:**

Total Magnesium (Mg) ..... 4.00%  
 Water Soluble Magnesium (Mg) ..... 4.00%  
 Sulphur (combined) (S) ..... 10.00%  
 Iron (Fe) ..... 0.40%  
 Manganese (Mn) ..... 0.38%

Derived from sludge, sulphate of ammonia, sulphate of potash-magnesia, iron oxide and manganese sulphate.

SAME AS OUR HIGH QUALITY 8-1-8, EXCEPT NITROGEN IS ALL FORMULATED FROM SAFE, NO BURN, SLOW RELEASE IBDU AND SLUDGE. ALLOWS FOR A GREATER APPLICATION FLEXIBILITY.

TOTAL NITROGEN (N) ..... 8.00%  
 0.80% Water Soluble Organic Nitrogen  
 7.20% Water Insoluble Nitrogen

SOLUBLE POTASH (K<sub>2</sub>O) ..... 8.00%  
 Chlorine, not more than ..... 2.00%

Derived from sludge, isobutylidene diurea, and sulphate of potash-magnesia.

**STATEMENT OF SECONDARY NUTRIENTS:**

Total Magnesium (Mg) ..... 4.00%  
 Water Soluble Magnesium (Mg) ..... 4.00%  
 Sulphur (combined) (S) ..... 10.00%  
 Iron (Fe) ..... .49%  
 Manganese (Mn) ..... .39%

Derived from sulphate of potash-magnesia, iron oxide, and manganese sulphate.

A HIGH ANALYSIS BLEND WHICH COMBINES FAST AND SLOW RELEASE NITROGEN SOURCES TO PROVIDE A SAFE YET EFFECTIVE GREENS MIX

TOTAL NITROGEN (N) ..... 17.00%  
 2.5% Nitrate Nitrogen  
 1.5% Ammoniacal Nitrogen  
 2.5% Water Soluble Organic Nitrogen  
 10.5% Water Insoluble Nitrogen

AVAILABLE PHOSPHORIC ACID (P<sub>2</sub>O<sub>5</sub>) ..... 1.00%  
 SOLUBLE POTASH (K<sub>2</sub>O) ..... 10.00%  
 Chlorine, not more than ..... 2.00%

Derived from activated sludge, sulphate of ammonia, isobutylidene diurea, potassium nitrate, and sulphate of potash-magnesia.

**SECONDARY PLANT NUTRIENTS:**

Total and Water Soluble Magnesium (Mg) ..... 1.00%  
 Manganese (Mn) ..... 0.50%  
 Copper (Cu) ..... 0.07%  
 Zinc (Zn) ..... 0.06%  
 Boron (B) ..... 0.02%  
 Iron (Fe) ..... 0.03%

Derived from sulphate of potash-magnesia, manganese sulphate, copper sulphate, zinc sulphate, borate, and chelated iron (EDTA).

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Harbour Town Golf Links, Sea Pines Plantation, 18th hole (458 yards — par 4)

## The real star of this tournament was the turf.



## It was overseeded with **MARVELGREEN®**!

The game was great. But the turf was sensational! Because Tom Rader, Golf Course Superintendent of Harbour Town Golf Links, Sea Pines Plantation, overseeded with a Marvelgreen blend.

Marvelgreen was chosen at this Hilton Head resort for several reasons: it germinates quickly to provide an early cover of fine-leaved, dense, fairway turf. And on the greens, Marvelgreen promises

a smooth, grain-free putting surface. It looks great throughout the winter season, and provides an easy spring transition.

Marvelgreen blends contain just the right amount of the leading turf-type ryegrass varieties: Palmer, Prelude and Yorktown II. Marvelgreen is used at some of the most prestigious courses in the country. And it performs long after the game is over.



**Lofts Inc.**

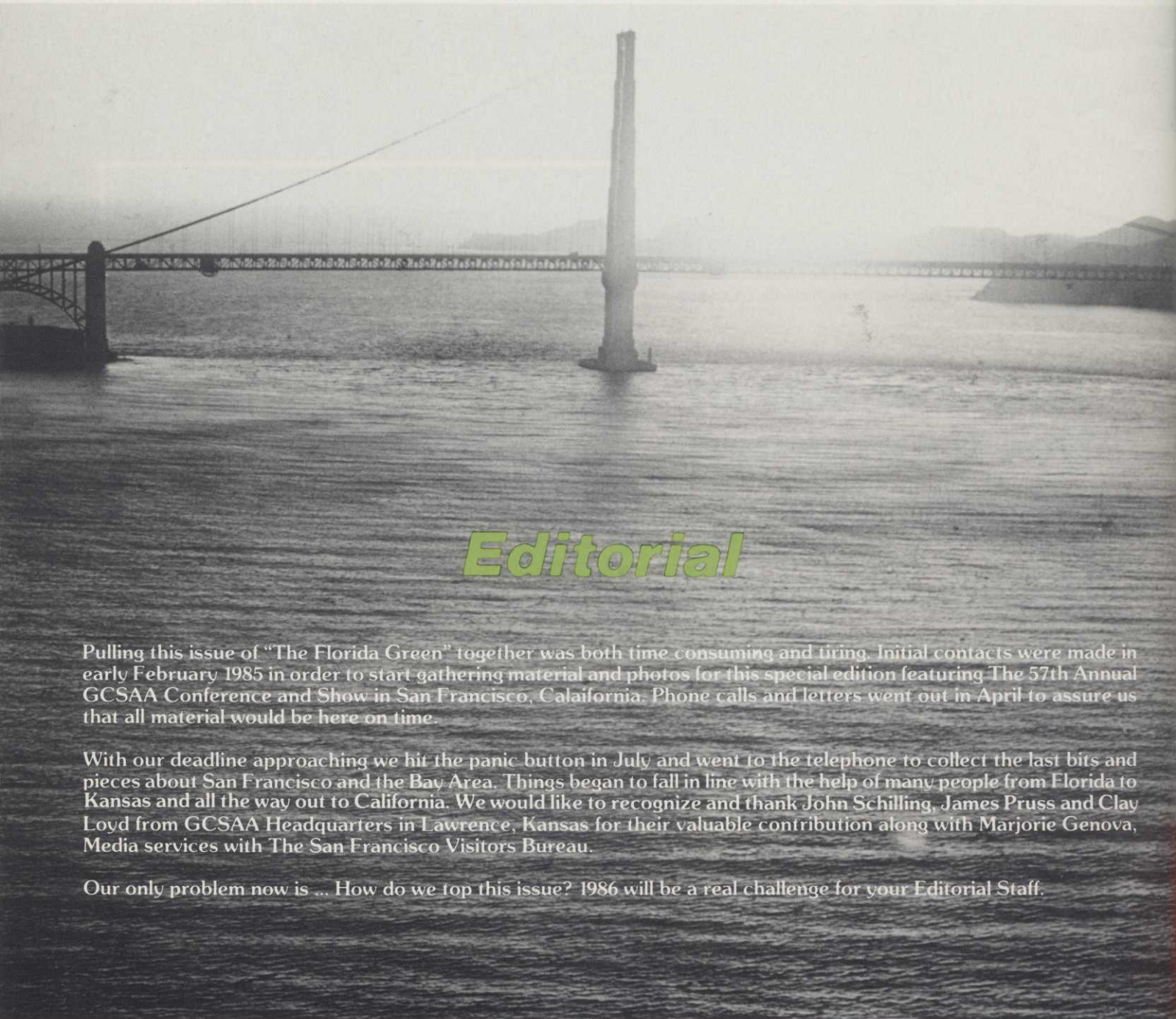
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## *Editorial*

Pulling this issue of "The Florida Green" together was both time consuming and tiring. Initial contacts were made in early February 1985 in order to start gathering material and photos for this special edition featuring The 57th Annual GCSAA Conference and Show in San Francisco, California. Phone calls and letters went out in April to assure us that all material would be here on time.

With our deadline approaching we hit the panic button in July and went to the telephone to collect the last bits and pieces about San Francisco and the Bay Area. Things began to fall in line with the help of many people from Florida to Kansas and all the way out to California. We would like to recognize and thank John Schilling, James Pruss and Clay Loyd from GCSAA Headquarters in Lawrence, Kansas for their valuable contribution along with Marjorie Genova, Media services with The San Francisco Visitors Bureau.

Our only problem now is ... How do we top this issue? 1986 will be a real challenge for your Editorial Staff.

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