

## *Sponsored Student Program*

### **VEGETABLE AND REPRODUCTIVE CHARACTERISTICS OF HERAPLOID AND TETRAPLOID BLUEBERRY CULTIVARS IN NORTH FLORIDA**

KEIF WADE  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

Blueberries are being planted in Florida at a fast pace. Today, Florida has in excess of 20,000 acres of blueberries.

Key elements which dictate what type of blueberry bush to plant are soil type, chill-hour requirements and maturity dates. Blueberries should be planted in soils preferably with pH levels ranging between 5.5-6. They require a slightly moist soil, and often need irrigation as many other Florida plants do.

The selection of the blueberry cultivar should meet the attainable chilling requirements for the area and the harvest dates should be in late April to early May for the higher prices.

Florida blueberries can be shipped to the Northern U.S. markets and to Europe. To date, the price of the blueberries range from \$4 to \$8 per pound. Each plant could yield up to 8 pounds with possibly 1,000 plants per planted acre.

Harvesting is very important. Without mechanical harvesting the berries must be harvested by hand. It was suggested that the Plant City area could be a desirable area for blueberries since the harvesting time would follow the strawberry crop.

### **NATIVE PLANTS THAT ATTRACT FLORIDA WILDLIFE**

JOHN HALGRIM  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

Gardening for wildlife is enjoyable and environmentally beneficial. With the huge amount of land being lost to urban development, it has become increasingly important to landscape in a manner that promotes Florida wildlife. Florida's wildlife habitat is constantly decreasing. Landscaping with

the proper native plants can help offset this. Native plants provide a wide range of food and cover that meet wildlife needs. The University of Florida's IFAS (Institute of Food and Agricultural Sciences) will provide information you need to up-date your landscaping. The more native trees and shrubs you use, the greater the variety of wildlife that will be attracted. A small well-designed area can provide food and habitat for a wide variety of wildlife. Wildlife is our greatest resource, we should do everything in our power to preserve it.

### **DECISIONS BETWEEN FRESH AND PROCESSED MARKETS**

CLAY CHANCEY  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, FL 33801*

In this paper R. P. Muraro, G. F. Fairchild, and R. M. Behr discussed the outlook of Florida citrus in the near future: (a) Florida citrus crops will be larger, (b) there will continue to be competition from Brazil, and (c) there is still the uncertainty as to how the Mexican Free-Trade Agreement will effect the industry. For these reasons, Florida growers must improve their marketing skills to help increase returns on investments.

The decision between selling the fruit for the fresh or the processed market is difficult. The grower needs to decide prior to the season if they will try to produce fruit for the fresh market. Many factors must be studied to make this decision. The cost differential in pest control programs is important since

fresh fruit pest control programs normally are higher in cost than processed. The main question is whether the exterior quality needed for fresh fruit can be reached economically. The pound solids the fruit must reach in recent years should be considered, because if it is high in pound solids, it could be more profitable to sell for the processed market. In addition projected fruit prices for the year are important because if prices are low more returns may be achieved from the fresh market.

The future for the Florida citrus industry is very promising but it is going to require some planning and hard work. Foreign competitors are getting stronger, and more effort at marketing "Florida citrus" will be needed on a global scale to compete. Finally, the growers will need to start paying less attention to obtaining maximum yields and more attention to producing an excellent product and marketing it for the maximum profit possible.

## ROOTSTOCKS FOR THE TAHITI LIME

MARK THOMPSON  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

There has been an increase in the production of the 'Tahiti' or 'Persian' lime in many tropical areas of the world. Because of this, many growers are faced with limited resources for production of this fruit.

Rootstocks for this lime have been tested minimally. Much research is still needed to determine which rootstocks are best for certain soil conditions, tree vigor and production. It also is fitting to mention that Carl W. Campbell knew of no research concerned with rootstocks for limes and their affect on fruit size and quality.

In general, the limited research that has been done suggests that macrophylla, rough lemon, sour orange, and volkamer lemon tend to produce good quality trees with good production. Rootstocks of Key lime produced a very poor quality fruit. Marcottage also has produced good quality trees, but can be susceptible to hurricane damage due to a less developed root system.

Macrophylla has shown a preference to calcareous soils that are prominent in many parts of South Florida and the Caribbean. Sour orange prefers a soil with a higher pH than macrophylla. Once again we see that there is no ideal rootstock, and your location will determine which stock you choose.

## ECONOMIC ASPECTS OF CITRUS IRRIGATION

ROBERT WINFREE  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

With all the restrictions that are being placed on water use, it is important for the grower to know how much water he should apply in order to get a maximum yield. It was found that at a certain point, the yield increase per unit of water begins to decrease. With this in mind it becomes necessary to

look at irrigation from an economic standpoint. The grower needs to know at what point his yield is at a maximum and his cost is at a minimum. After this point the yield decrease and costs increase. If the dollar increase from added irrigation is not substantially higher than the cost of the irrigation, then the grower has exceeded his minimum cost.

It is essential to know the water requirements of your planting. Although water requirements may vary from season to season, a good median range can be established to use as a base line.

## EVALUATION OF THIRTEEN NAVEL ORANGE CULTIVARS UNDER SCAFFORD BRANCH IRRIGATION FREEZE PROTECTION DURING THE 1989 FREEZE

MARK J. NEITZKE  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

The paper which I found most interesting was the study involving thirteen navel orange cultivars. The experiment took place at the Citrus Research Station in Louisiana. The project was established in the following manner: 2- 5 year trees of

the 13 navel orange cultivars were planted with a scaffold branch irrigation freeze protection system before the 1989 freeze. The results were amazing, considering the temperature was 0° C or lower for 80 consecutive hours. The over-all tree regeneration percentage on the average was 85.2% of the original tree volume prior to the freeze.

This experiment is very important in finding a cold hardy cultivar for present and future use.

## WINTER OVERSEEDING TRIALS ON FAIRWAY AND PUTTING GREEN BERMUDAGRASS

CHARLES PONS  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

As weather conditions become cooler, bermudagrass becomes dormant and browns, so golf courses must overseed with cool-season grasses. This trial was to see if there was a difference in the performance from thirty-eight cool-season grasses offered commercially. The fairways and greens were

prepared properly by mowing, verti-cutting, and topdressing. The cool-season grass seeds were sown in October 1990 and evaluated through May 1991.

The results showed that most of the grasses, especially the perennial ryegrasses, performed on an equal level. Some of the bluegrasses and bentgrasses did not fare as well. These results show that most commercially sold perennial ryegrasses can be used to overseed fairways and putting greens at golf courses during the Florida winter months.

## OBSERVATIONS ON CITRUS IRRIGATION AND FREEZE PROTECTION

MORRIS GRIFFITH  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, FL 33801*

Larry Parsons and Ron Muraro reported on the economic impact of irrigating citrus. Their data indicated that irrigation of a citrus grove can improve yields but the cost of operation and maintenance of such systems may not be justified. The report also indicated the price of fruit and the increase in yields needed to justify such costs.

Brian Bowman studied the efficiency of using flood irrigation on flatwood soil in the Indian River area. Flood irrigation (pumping water onto the grove to fill the water furrows and then removing it before damaging the root system) was used and monitored on a 960-acre grove over a 2-year period. The

monitoring system consisted of flow meters and water level recorders at the pump-in and pump-out stations to measure water retention efficiency. The report indicated a 25%-70% + efficiency rate depending on the soil conditions and water movement efficiency throughout different areas of the grove.

Other reports in this section evaluated different methods of freeze protection for citrus. J. Martsolf and H. Hannah observed different levels of protection on young citrus trees on the University of Florida campus after the February 1991 advective freeze. They observed the differences between in-tree placement and under-tree placement of the emitter. Their report indicated that in-tree placement resulted in more limb breakage due to ice loading. Some variations in ice loading were observed due to spray pattern and tree canopy differences. Initial results indicate better freeze protection when using under-tree placement on one-year trees.

## EFFECT OF TRANSPLANTING ON WATERMELON PRODUCTION

STACIA A. SIMPSON  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

S. M. Olson of the IFAS, North Florida Research and Education Center, University of Florida, Quincy, presented a paper on trials that were conducted at the NFREC in Quincy, by comparing the production of watermelons planted with transplants and watermelons that were direct-seeded. These experiments were conducted from 1984-1989 on two varieties; Charleston Grey and Jubilee. Charleston Grey was used in 1984-86 and 1989. Jubilee was used in 1988-89.

Transplanting had some significant advantages over direct-seed planting. It was noted that the reduction in days to

first harvest varied from 4 to 8 days with transplants and the early yield for transplants was significantly higher with both varieties in all five years. It was also noted that total yields with transplants were higher in 1985 and 1989 with Charleston Grey. Yields were not higher in 1984 or 1986, though. The average fruit weights also were greater in 1985 and 1989 than in 1984 or 1986. Total yields with transplants with the Jubilee variety were higher in 1989 but not in 1988. The same was true with the average fruit weight.

Yields with transplants were not less than yields with direct-seed in any of the years reported. It was also noted that the transplants seemed to be more cold tolerant than direct-seed plants.

## FLOATING ROW COVERS EXCLUDE INSECTS AFFECTING FALL-GROWN SQUASH IN CENTRAL FLORIDA

JAMES W. SHREFLER  
*University of Florida*  
*Gainesville, FL 32611*

The use of spunbound polyethylene row covers is being evaluated for its effectiveness in protecting vegetable crops from aphid-vectored viral diseases, whiteflies, pickleworms and melonworms. This material has previously been used by horticulturists for cold protection of crops, thus these studies represent a novel use for an existing material. The studies are being conducted on zucchini squash as this crop plant typically is susceptible to such pests in central Florida. The approach

utilized in the experiments was to cover plots with the spunbound polyethylene from the start of the crop and then remove covers at different intervals thereafter. These treatments were further combined with the use of a white-on-black plastic mulch. Mulching had a positive effect on plant growth although it was also found to attract some pests. The row covers were effective in protecting the crops from pests. For example, viral disease symptoms were not observed at the time of cover removal but became apparent two to three weeks afterward. It is thought that this row covering material may have potential in protecting vegetable transplants and high-value cucurbits from insects and disease pests.

## GROWING TURFGRASS IN THE SHADE

TRAVIS D. COUNCIL  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, FL 33801*

In Florida, landscapers have little selection in terms of warm-season, shade tolerant grasses. Dr. Busey compared 25 St. Augustine cultivars including: Floratam, FX-10, Jade, Delmar, and Seville. In the past, Bitterblue has been the cultivar of choice in many shady Florida lawns, but in this latest study FX-10, Jade, Delmar, and Seville have shown some shade tolerance under certain conditions. Floratam has shown little

shade tolerance in the study and has never been accepted as a shade tolerant grass. FX-10 is the latest grass developed by Dr. Busey at the University of Florida. FX-10 shows promise under low moisture conditions when compared with Bitterblue. Each of these varieties shows promise as a shaded grass, with proper management of such things as mowing height, moisture level, tree canopy thinning, and rates and sources of nutrients for the turf.

This study is continuing and should prove informative to the landscaper and homeowner in selecting and caring for their lawn.

## ELEVATED MICROSPRINKLERS FOR ADDED FREEZE PROTECTION ON YOUNG CITRUS TREES

ANDREW S. RUSSELL  
*Citrus Institute*  
*Florida Southern College*  
*Lakeland, Florida 33801*

Freezes appear to be moving farther and farther south. Many different methods have been developed to protect young citrus trees against the unwanted freezes. One of these methods includes the elevated microsprinklers.

Elevated microsprinklers will form a layer of ice on both foliage and the immediate trunk when temperatures drop below 32° F if, and only if, there is a constant flow of irrigation.

If the flow of water on the ice stops, then the ice will dip to the actual atmospheric temperature and there will be severe damage to the young citrus tree. When a constant flow of water continues there will be positive results by keeping the ice at 32° F and, therefore, the citrus tree will never actually freeze.

The negative side to this kind of protection is the limb breakage that can occur when the weight of ice builds to the point it breaks the limb. So far the damage caused by limb breakage has been minimal, therefore the elevated microsprinklers is a promising idea for the protection of young citrus trees.

## COMPREHENSIVE TECHNIQUE FOR ENHANCED PROPAGATION OF SELECTED TROPICAL WATERLILLIES

DAVID C. CLAYTON  
*IFAS, University of Florida*  
*Gainesville, FL 32611*

Some tropical water lily cultivars (*Nymphaea*) are propagated by epiphyllous plantlets. Plantlets form on the abaxial surface at the junction of the petiole and leaf blade. However, propagation using epiphyllous plantlets is often inefficient due to partial or complete bud dormancy. Immature epiphyll-

ous buds of *N.* × 'Dauben' and *N.* × 'Shirley Marie' were treated with 0, 250, 500, 1000, or 1500 mg/liter Promalin in an attempt to stimulate epiphyllous bud development. Epiphyllous buds treated with 250 mg/liter Promalin on both cultivars produced plantlets with high survival rates and well developed roots. A significant increase in plant production was observed with the use of Promalin which could increase efficiency in propagation of several tropical water lilies and reduce costs to both the grower and the consumer.

# Constitution

Article I—NAME—This organization shall be known as the Florida State Horticultural Society.

Article II—OBJECTIVE—The objective of this Society shall be the advancement and development of horticulture in Florida.

Article III—YEAR—The years shall begin January 1 and close December 31.

Article IV—CLASSIFICATION OF MEMBERSHIP—There shall be four classifications of membership, all of which carry voting privileges:

- A—Annual
- B—Patron
- C—Student
- D—Honorar

Nothing in this article shall be construed as operating against or cancelling the privileges of Life Members accepted as Life Members prior to the adoption of this constitution.

Article V—ELIGIBILITY FOR MEMBERSHIP—Any individual, firm or partnership interested in the development and advancement of horticulture in Florida shall be eligible for membership.

Article VI—DUES—Dues shall be paid annually according to classification at rate as prescribed in By-laws.

Article VII—ANNUAL MEETING—The Society shall hold an annual meeting each year in accordance with the By-laws unless prevented from doing so by causes beyond its control.

Article VIII—SECTIONS—The Society shall be divided into sections representing various horticultural interests as provided in the By-laws.

Article IX—OFFICERS—The officers shall consist of a President, a Vice-President from each section, a Secretary, an Editor, a Program Coordinator, and a Treasurer, which officers shall be elected by a majority vote of the membership present at the annual meeting and shall assume their respective offices as designated by the majority of the Executive Committee. The Editor, Program Coordinator, Secretary and Treasurer shall each be elected for a five year term, and no member shall serve in these offices more than two such terms. To provide continuity, the Executive Committee shall, insofar as practical, arrange that no more than two of these offices terminate at the same time.

Article X—SUCCESSION—In the absence of the President or his inability to serve temporarily the Vice President of the Citrus Section shall serve instead. If the position of President is vacated, the Executive Committee shall designate his successor.

Article XI—EXECUTIVE COMMITTEE—The Executive Committee shall consist of not more than 15 persons including the immediate Past President and all Officers above named, the others to be selected at same time and in same manner as prescribed in Article IX. The immediate Past President shall be chairman of the Executive Committee. The Executive Committee shall have authority to act for the Society between annual meetings.

Article XII—MEETINGS OF THE EXECUTIVE COMMITTEE—The Executive Committee shall meet upon call of the Chairman at such time and place as may be approved by a majority of the Committee. A majority of the Committee shall constitute a quorum. The Committee may be canvassed by mail and vote by ballot in like manner.

Article XIII—COMMITTEES—The Chairman of the Executive Committee shall, with the approval of the Executive Committee, appoint all standing or special committees as provided in the By-laws.

Article XIV—DUTIES OF OFFICERS—The *President* shall be the official head of the Society and preside at the general session of the annual meeting. He shall be directly responsible to the Executive Committee and may be removed from office for cause by an affirmative vote of a majority of the full Executive Committee.

The *Vice Presidents* shall be members of the Executive Committee. The Vice President of the Citrus Section shall assume the duties of the President in the temporary absence of the President. The Vice Presidents of the various sections shall preside over the particular sections of which they are representatives at the annual meeting.

The *Secretary* shall record all records of all meetings of the Executive Committee and shall be responsible except as may otherwise be designated in the By-laws for recording and keeping proceedings of the annual meeting. He shall likewise issue and mail out statements of dues to the membership, notices of meetings and perform such other duties as ordinarily accrue to that position.

The *Editor*, and the *Program Coordinator* shall perform such duties as may be prescribed and authorized by the Executive Committee.

The *Treasurer* shall be responsible for all funds paid into the Society and shall issue and countersign all vouchers paying bills or accounts against the Society. The Treasurer shall be placed under bond in an amount determined by the Executive Committee, premium on which shall be paid by the Society.

Article XV—AMENDMENTS—This Constitution may be amended at any annual meeting upon the recommendation of a majority of the Executive Committee when approved by a majority vote of the membership present.

Article XVI—EFFECTIVE DATE—This Constitution shall become effective immediately upon approval by a majority vote of the membership at the annual meeting in October 1951.

This Constitution was revised at the annual meeting in November 1963, in November 1967, November 1973, November 1986, November 1988.

1. The Society's year shall begin January 1 and end December 31.

2. Dues—dues shall be paid annually for the current year and shall be payable to the Treasurer of the Society. Dues shall be as follows:

Annual Membership	\$ 25.00
Patron Membership	\$100.00
Annual Membership (student)	\$ 5.00

3. Annual Meetings—the Society shall hold an annual meeting in the fall of each year at a place and time selected by a majority vote of the Executive Committee. The order of business at the annual meeting shall be determined in advance each year by the Executive Committee.

4. The meetings of the Society shall be devoted only to horticultural topics, from scientific and practical standpoints, and the presiding officer shall rule out of order all motions, resolutions and discussions tending to commit the Society to partisan politics or mercantile ventures.

5. SECTIONS—The Society shall consist of the following sections:

- Citrus Section
- Vegetable Section
- Krome Memorial Institute  
(Tropical and Deciduous Fruits)
- Ornamental Section
- Handling and Processing Section
- Garden and Landscape Section

Other sections may be added on recommendation of a majority of the Executive Committee when approved by a majority vote of the membership present at an annual meeting.

## By-Laws

### COMMITTEES

*Nominating Committee*—The President shall appoint a Nominating Committee consisting of not less than 2 persons from each section, 1 of whom shall be the most recent past Sectional Vice-President able to serve. This committee shall, at each Annual Meeting, make nominations for officers and other members of the Executive Committee for the ensuing year, provided the members representing various Sections shall seek advice of each Section in open meetings concerning the nomination of Vice-President for that Section. Such nominations by the committee, however, shall

not preclude nominations from the floor. The President shall designate a member of this committee as Chairman.

*Membership Coordinating Committee*—The Chairman of the Executive Committee shall appoint a Membership Coordinating Committee that shall consist of a Chairman, the Chairman of the Student Affairs Committee and one other member.

Within each section, the Sectional Vice-President shall appoint a Sectional Membership Committee and designate a chairman thereof. The chairmen of the Sectional Membership Committees shall work closely

with the Membership Coordinating Committee to develop plans for soliciting new members throughout the year and assuring that the needs of the membership are being met by the services and activities of the Society.

The Chairman of the Membership Coordinating Committee shall meet with the Executive Committee when requested by the Chairman, and shall make recommendations to the Executive Committee on membership enlargement, participation and related activities.

**Program Committee**—The Vice Presidents of the various sections shall constitute a program committee of which the President shall be the Chairman, the Program Coordinator, the Vice Chairman, and the Secretary and Treasurer shall be ex officio members.

**Student Affairs Committee**—The Chairman of the Executive Committee shall appoint a Student Affairs Committee comprised of 1 member each from the faculties of all educational institutions in the State of Florida offering a 4 year horticultural program leading to a Bachelor's degree, 2 members representing different industries, and 2 student members from different institutions. Membership of this committee shall be initially appointed for 1 to 3 year terms and designated on a rotating basis so after the third year all members will be appointed for a 3 year term with no more than one third of the members renewed any given year. The Chairman of this committee will be the Student Affairs Coordinator, and he shall report to the Executive Committee when invited by the Chairman. This committee shall coordinate all affairs of the Society related to student activities, including distribution of patron funds for support of student attendance at meetings, recognition of students at meetings, reports of students and other student-related activities.

**Editorial Committee**—The Chairman of the Executive Committee shall appoint an Editorial Committee consisting of one Associate Editor from each section. This Editorial Committee shall meet with the Editor as called and assist him in editing and preparation of the manuscripts for publication in the Proceedings. Names of nominees for Associate Editor positions shall be presented to the Executive Committee along with brief resumes of their background and qualifications. Associate Editors shall then be appointed by the Chairman with the approval of the Editor and the Executive Committee. Such appointments shall be for a 3-year term with option for renewal.

**Auditing Committee**—The President with the approval the Executive Committee shall appoint an auditing committee which committee shall confer with the Treasurer in preparing an audit to be presented by the Treasurer at the annual meeting. The President shall appoint such other committees as may be deemed advisable and approved by the Executive Committee.

**Awards Committee**—There shall be separate committees on awards, as follows:

(1) **Presidential Gold Medal Award Committee**.—The Presidential Gold Medal Award Committee shall consist of the Chairman of the Executive Committee, who shall act as Chairman, and three or more other members of the Society appointed by the President.

The Presidential Gold Medal shall be awarded to one individual who has contributed most to Florida horticulture through work published in the *Proceedings* over the preceding time period since the given section was last eligible. The award will rotate each year from section to section with the Citrus Section eligible in 1975 followed in order by the Krome Memorial, Garden and Landscape, Vegetable, Ornamental, Handling and Processing Sections.

The award will consist of a gold medal suitably inscribed, a printed certificate, an honorarium of \$500.00, and hotel expenses for the recipient and spouse while at the annual meeting.

(2) **Best Paper Award Committees**.—The Best Paper Award Committees shall be appointed by the President annually from each of the Society's sections. Each Committee will consist of three members who a) most recently have served as vice-president of the respective sections, but b) who were not authors of papers in that volume of the *Proceedings* from which the selection is being made, and c) who remain members of the Society. If less than three members qualify for appointment in any section, the President may appoint members lacking qualification "a)" above. Membership of these committees will not be announced.

Each sectional Best Paper Committee will select the best and most meritorious paper as printed in the previous year's *Proceedings* for its respective section.

This award shall consist of a medal and printed certificate suitably inscribed, and an honorarium of \$200.00.

(3) **President's Industry Award Committee**.—The selection of the paper qualifying for the President's Industry Award will be made by a committee consisting of a least one member from each section of the Society, appointed by the President. The award will be presented to the author of the single best paper given at the Florida State Horticultural Society's annual meeting by an industry author. An industry author is defined as anyone other than a staff member of an academic institution or a government agency. In those instances where there are both senior and junior author or authors, all must meet the qualifications of industry authors. The senior author of the paper must be a member of the Society. Any paper which receives recognition as the best paper in a Section will also be eligible for the President's Industry Award if other qualifications are met. The award shall consist of a plaque suitably inscribed and presented at the President's discretion.

(4) **Council Memorial Tomato Research Award**.—This award shall be presented based upon \$2,500, donated to the Society by Mrs. Emmett H. Council, Council Farms, Ruskin, Florida. The award shall be continued until the fund and earnings from investments are exhausted. The Award Committee shall consist of the Chairman of the Executive Committee, and four other members of the Society appointed at large by the President whose names will not be announced. The award shall be given to the individual or group who have done work with the most potential to further the fresh market tomato industry in Florida through advances reported in any single publication in any scientific or technical form. Such publication must have been published during the two previous calendar years. The senior author of the publication upon which the award is based must be an active member of FSHS. At the discretion of the Chairman, the award may not be presented in any given year when there does not appear to be suitable nominees.

The award shall consist of a certificate suitably inscribed and \$200.00 honorarium.

#### DEPOSITORY

The Executive Committee shall have authority to select a depository or establish a trusteeship for funds of the Society as it may deem in the best interest of the Society.

"All uncommitted funds shall be invested by the Treasurer in Federally-insured investments approved by the Executive Committee. For prudent operation and financial security of the Society, funds in the amount at least 1.5 times Annual Budget shall be maintained whenever possible, and such Reserve Funds shall not be allowed to exceed 2.5 times Annual Budget. Deviations from these practices may be authorized by a majority vote of the Executive Committee."

#### APPROVAL OF BILLS

All bills before being paid shall be approved by the President, Secretary or Treasurer, and vouchers drawn to pay such bills shall be signed by the President or in his absence the Vice President of the Citrus Section and countersigned by the Treasurer.

#### RESOLUTIONS

Resolutions may originate either in the Resolutions Committee or in a regularly scheduled sectional business meeting. In the latter case, the resolutions must be supported by a majority vote of those members present and voting. All resolutions will be evaluated by the Resolutions Committee and transmitted with its recommendation to the Chairman of the Executive Committee. He will place them before the full Executive Committee by either (a) calling a special meeting of the Executive Committee or (b) instructing the Secretary to poll the members of the Executive Committee. Those resolutions approved by at least eight members of the Executive Committee will be presented by the Chairman of the Resolutions Committee to the membership at the annual business meeting for action by the Society as a whole.

#### HONORARY MEMBERS

Any individual who has rendered especially meritorious service to the Society and to the advancement of horticulture in Florida may be designated by a two-thirds vote of the full Executive Committee of the Society as an Honorary Member of the Society. Such honorary members shall not be required to pay dues.

#### EXECUTIVE COMMITTEE MEMBERS-AT-LARGE

For service in 1987 one of the Members-at-Large of the Executive Committee shall be elected for a two-year term and one for a one-year term.

For service in 1988 and thereafter, one Executive Committee Member shall be elected each year for a two-year term.

**THE ENDOWMENT FUND  
of the  
FLORIDA STATE HORTICULTURAL SOCIETY**

**POLICY AND PROCEDURES  
1990**

**A. Introduction**

1) The Florida State Horticultural Society (FSHS) has established an Endowment Fund, a perpetually invested fund, to solicit, receive, manage, and disburse funds to assist in the promotion and encouragement of education and scientific research in all branches of Florida horticulture.

2) The Endowment Fund shall operate within the corporate structure and for the explicit benefit of FSHS, a tax-exempt organization, pursuant to Section 501(c)(3) of the U.S. Internal Revenue Code. Notwithstanding any other provisions hereof, the Endowment Fund shall be organized and operated exclusively for educational and scientific purposes. No part of the earnings or corpus may be used for lobbying or otherwise attempting to influence legislation. No part of the Fund may be loaned personally to any officer, director, or employee of FSHS.

3) The Endowment Fund shall be administered by the Endowment Fund Committee. Notwithstanding any other provisions, hereof, the Endowment Fund Committee shall operate strictly within the FSHS Articles of Incorporation and the FSHS Bylaws. The Endowment Fund Committee shall not do any act or things that might alter the tax-exempt status of FSHS. When in doubt, the Committee shall consult with FSHS Legal Counsel before acting.

4) The Endowment Fund hereby created shall not be a separate entity, but shall at all times be merely a separate fund and function of FSHS, organized and operated pursuant to this policy statement. The Fund shall be the property of FSHS. An initial contribution (\$1000 by Norman F. Childers) and subsequent gifts of money, securities, real property, and other things of value to the Endowment Fund shall be known as the Corpus of the said Endowment Fund. The Fund shall be audited annually, on attaining a minimum of \$10,000 or more, by an independent firm of auditors.

5) The term of the Endowment Fund shall be perpetual. In the event, however, the purpose of the Fund shall cease to exist, or it otherwise should prove impracticable to continue the future existence of the Fund, any balance of the fund shall be turned over to FSHS or to an organization that is tax-exempt pursuant to Section 501(c)(3) of the U.S. Internal Revenue Code, or successor codes, for distribution pursuant to the rule of cyprus.

**B. Endowment Fund Committee and Responsibilities**

1) The Endowment Fund Committee shall be a Standing Committee of the Society and eventually consist of 5 FSHS members, appointed by the President subject to Executive Committee approval, each for a 5-year term as follows: 1 in 1990 to 1995; 1 in 1991 to 1996, then starting in 1992 replace one by one the initial Committee of 3 (Carl W. Campbell, William H. Krome and Norman F. Childers, Chairman) until there are 5 members with 5 year terms, then as one member leaves the Committee each year, one will be appointed thereafter by the incoming president. Committee members may be reappointed for successive terms totaling no more than 10 years, starting in 1995.

2) Except for the initial Endowment Fund Committee, the FSHS President shall appoint (subject to approval by the Executive Committee) a Chairperson from the appointed members of the Committee starting in 1994. The Chairperson shall serve for two years and, with the approval of the Executive Committee, may be appointed for an additional one-year term. Thereafter, the Chairperson shall be eligible for reappointment as a member of the Endowment Fund Committee, but not as Chairperson.

3) Vacancies on the Endowment Fund Committee created by resignation or death shall be filled in the same manner as the initial appointment but for the unexpired term of the vacancy. These members may be reappointed for full terms if they have served less than three full years.

4) Members of the Endowment Fund Committee should, if possible, have some expertise in the granting of funds and/or in solicitation of funds.

5) The function of the Endowment Fund Committee shall be to accept, invest, manage, control, and reinvest funds received by the Society specifically designated for endowment and to disburse the net income of the Fund. The Endowment Fund Committee shall be responsible for the solicitation of gifts and contributions to the fund.

6) The Endowment Fund Committee and their successors shall hold, manage, and control said Fund and all other increments thereto, including future gifts in kind; with powers as to real property, to improve, lease, rent, mortgage, sell, exchange, and convey the same, of any part thereof, for such price or rents, and on such terms and conditions as said Committee shall in their sole discretion deem best; and as to personal property, to hold, control, sell, pledge, mortgage, invest, and reinvest in such securities or other property as they may deem best, with full power to convert realty into personalty and personalty into realty. Said Committee shall have power to compound, compromise, settle, and adjust all claims or demands against or in favor of the trust estate, and to execute all proxies, powers of attorney, deeds, mortgages, and other instruments of conveyance and transfer as may be necessary in the administration of the trust. Said Committee, or their successors, shall have full power with respect to the Endowment Fund as if they were the lawful and equitable owners thereof, subject, of course, to the limitations expressed herein.

7) While the Endowment Fund Committee is given broad powers with respect to the investment and reinvestment of the Fund, it is not expected that the Committee will make substantial investments, such as the purchase of real estate, or other than investment in normal securities, without prior consultation with the FSHS Executive Committee.

8) At such time as seems appropriate, the Endowment Fund Committee may recommend to the FSHS Executive Committee the employment of professional help to solicit and/or invest funds; or, with permission of the Executive Committee the Endowment Fund Committee may turn the assets of the Fund over to a reputable and financially secure bank or trust company for management.

9) Any investment or sale involving more than 20% of the then value of the corpus of the Fund or fund properties shall require the unanimous vote of the Executive Committee. All other decisions shall require a majority vote of the Endowment Fund Committee.

10) Investments may include stocks, bonds, money market, or other mutual funds and trusts. The general investment strategy should be moderately conservative, avoiding highly speculative issues. Information may be obtained from a broker through whom funds are invested, but the basic decisions will be made by the Endowment Fund Committee.

11) Each year, within two weeks following the end of the Fiscal Year, a report will be sent by the FSHS Treasurer to the Endowment Fund Committee with copies to the Executive Committee, listing the corpus of the Fund and accrued interest.

12) Funds will be pooled for investment. In those instances in which donors designate a gift for a specific purpose, that portion of the pool will be recorded to assure that an appropriate percentage of interest will be used as designated.

13) The Endowment Fund Committee shall be responsible for the proper expenditure of the net income of the Fund. The Endowment Fund Committee shall jointly be responsible for the solicitation of gifts and contributions to the Fund.

**C. Corpus of the Endowment Fund**

1) The corpus of the Endowment Fund shall consist of the initial amount contributed plus inter vivos and testamentary gifts of sums of money, securities, real property, and other things of value given to the Fund from time to time. Capital gains shall not constitute income, but shall go to augment the corpus of the Fund.

2) The Endowment Fund Committee may accept, on behalf of the Fund, gifts in cash or unencumbered securities. The Committee may not accept encumbered securities, encumbered real estate, or encumbered personal property except pursuant to the consent of or under guidelines set by the FSHS Executive Committee.

3) Unless otherwise specified by the Donor, and so accepted by the Endowment Fund, all funds, or things or value, will be intermingled with the corpus of the Fund and invested as herein provided.

**D. Solicitation of Gifts**

1) The Endowment Fund Committee shall have the right and power to solicit and receive gifts and contributions to augment the Endowment Fund, under guidelines approved by the FSHS Executive Committee.

2) The Chairperson of the Endowment Fund Committee shall appoint a Solicitations Subcommittee, in such number as deemed appropriate, from the Endowment Fund Committee.

3) The Solicitations Subcommittee shall be responsible for developing an appropriate system for receipting, acknowledging, recording, and reporting gifts to the Endowment Fund. Details of implementations may be handled by FSHS Headquarters staff at no cost to the Fund.

4) General suggestions for soliciting gifts: a) solicitation guidelines must include several alternatives that fit individual and organizational desires, as well as ability to contribute; b) solicitations must be without pressure, coercion, or exaggerated promise; c) appropriate publicity in the FSHS Newsletters, and at Annual Society Meetings must be kept current and pertinent; and d) solicitation activities should reach all members of the profession and affiliated organizations in a timely manner and on a frequent basis (e.g., the 'thought of giving' should be kept in the minds of FSHS Members at every opportunity, but not in an obnoxious or pushy manner). Sometime in the future, the best solicitation tool will be the success stories resulting from the endowment support programs.

5) The Solicitations Subcommittee shall recommend to the Endowment Fund Committee a Donor recognition system using lists, club memberships, plaques, and/or other appropriate techniques. The Endowment Fund Committee shall monitor this system and evaluate it from time to time.

6) Suggested categories of solicitation:

a) *Annual giving.* Contributions are encouraged for any amount from a few dollars to \$20,000 or more. Contributions are cumulative from year to year and pledges payable over a period of up to five years (installments) are possible. Contributions will be recognized periodically in the FSHS Newsletter by membership in the following honorary groups:

Contributors	\$10 to \$99
Century Club	\$100 to \$999
W. A. Camp Club	\$1,000 to \$9,999
The William Krome Club	\$10,000 to \$19,999
The David Fairchild Club	\$20,000 or more

b) *Memorial gifts.* A one-time or annual giving program to memorialize an individual. For example, a family estate may provide a substantial endowment for a certain program or project, named after a deceased person or persons.

c) *Estate planning.* Bequests willed to the Fund, which could be outright gifts or income from a trust or estate.

d) *Corporate gifts.*

e) *Special projects.* One-time donations for certain programs, projects, equipment, or structures. These are frequently attractive to individuals or organizations who are willing to make one-time contributions for either tax benefits or public recognition.

**E. Receiving Gifts**

1) All gifts accepted by the Endowment Fund must have charitable intent and shall be tax-exempt to the Donor. No gift may be accepted by the Fund, the purpose of which is other than exclusively for scientific or educational purposes.

2) The FSHS Executive Committee shall have ultimate power in designation of funds. However, the wishes of the Donor will be honored whenever possible.

3) The FSHS Executive Committee must grant specific approval for all gifts that require expenditure of funds now or later. Expenses and interest income connected with gifts must be payable from the gift and not from FSHS funds.

4) The Endowment Fund Committee may accept gifts designated for a specific use, project, or purpose, or other than an unqualified gift, only pursuant to the consent of, or under guidelines set by, the FSHS Executive Committee.

5) It is recognized that gifts may be made to the Endowment Fund that are other than cash or unencumbered negotiable securities. No encumbered gift (e.g., mortgaged property), gift of real estate or other property requiring maintenance and upkeep, or any gift for a designated use and purpose (other than those on the list approved by the FSHS Executive Committee) shall be accepted by any solicitor without the prior approval of the Endowment Fund Committee. This provision does not mean to imply that such gifts should be discouraged; it means that there are some types of gifts that might cause unforeseen problems, and those potential problems should be considered by the Committee before the Fund is committed to accept the gift.



6) Contributions in which both principal and interest are designated for a specific purpose are considered as unendowed funds and will remain in liquid assets. The Endowment Fund Committee shall hold and administer such funds in separate accounts and disburse those funds in accordance with the terms of the gift, under guidelines approved by the Endowment Fund Committee and the FSHS Executive Committee.

7) Donated property should be marketable within a reasonable period of time, usually two years. Donated property should not have an obligation exceeding 25% of fair market value of the asset, based on two or more reliable independent appraisals.

8) Proposed charitable remainder trusts should be large enough so that the charitable remainder portion will cover all costs and yield a reasonable gift.

9) Trusts should be limited to two successive income beneficiaries and should not include life beneficiaries younger than 40 years of age unless an adequate present gift is combined with the trust.

10) The guidelines established by the "Committee on Gift Annuities" (a national organization) will be used in all agreements related to charitable gift annuities.

#### **F. Disbursement of Income of the Endowment Fund**

1) The Endowment Fund Committee shall distribute and pay over the net income of the Fund in furtherance of the educational and scientific objectives of FSHS, in such manner and in such amounts, and under such conditions, as they shall determine. The Committee may add back any unexpended funds in its control into the corpus of the Fund.

2) The Fund can accumulate income for a specific purpose, approved by the Executive Committee.

3) The Endowment Fund Committee shall periodically prepare and/or update a listing of potential projects for approval by the FSHS Executive Committee and shall exercise its discretion in allocating available funds for projects selected from the approved list.

4) It is recognized that some donors may wish to designate the project or area to be supported by earnings from their donations, other than the listing of approved projects. In such event, the Endowment Fund Committee may accept conditional donations, provided the use is consistent with the purposes of the Endowment Fund expressed herein. If there is any doubt, the Committee should obtain the prior approval of the FSHS Executive Committee.

5) Possible areas for support: a) outstanding or innovative programs or activities of significance in promoting the purpose of FSHS (activities that strengthens the Society, or a significant segment thereof, should receive priority); b) special awards for significant achievement or outstanding contributions to horticulture in general, to FSHS, or to specific (generic) areas thereof where awards are not present; c) graduate student participation in FSHS meetings, via awards, travel grants, etc.; d) worthy Collegiate Branch and other undergraduate activities; e) outstanding educational needs when funding is not available from other sources; f) outstanding plenary speakers for annual meetings and other special conferences or symposia; and g) public information materials and programs to educate the public at large.

6) General suggestions: a) the Endowment Fund Committee should not become a "research granting agency"; b) funds should not be used by Society officers or their representatives for travel; c) unless clearly specified by a donor, funds should not be used for grants to FSHS Members for travel or support of their normal research or educational needs; and d) funds should not be used, directly or indirectly, for any administrative or management function of the Society.

7) The reasonable operating expenses for the Endowment Fund Committee, and the Solicitations Subcommittee shall be reimbursed from earnings on the corpus of the Endowment Fund and shall constitute a proper charge for administration. The FSHS Executive Committee is authorized and empowered to borrow such funds as may be necessary for initial costs of the trust, which amounts shall be repaid from future earnings.

#### **G. General Provisions**

1) None of the members of the Endowment Fund Committee shall be required to give bond or surety, and FSHS hereby releases such members of all liability in the performance of their services, except for fraud or gross malfeasance.

2) The Endowment Fund Committee, and the Solicitations Subcommittee shall from time to time adopt guidelines which shall not be in conflict with the terms of this policy statement and which shall be subject to approval by the FSHS Executive Committee. Alternatively, guidelines may originate with the FSHS Executive Committee in which event they shall be binding on the Endowment Fund Committee and the Solicitations Subcommittee.

3) This policy statement may be amended from time to time by majority vote of the FSHS Executive Committee during any regular or properly called meeting at which a quorum is present.

Approved by the FSHS Executive Committee on January 18, 1990.

Norman F. Childers, Chairman  
Carl W. Campbell  
William H. Krome

### **REPORT OF EXECUTIVE COMMITTEE, 1991**

#### **MOTIONS PASSED AND IMPORTANT DISCUSSIONS OF THE FIRST EXECUTIVE COMMITTEE MEETING, LAKE ALFRED, FLORIDA JANUARY 31, 1991**

The first meeting of the 1991 Executive Committee (EC) of the Florida State Horticultural Society was held on January 31, 1991 at the Citrus Research and Education Center in Lake Alfred. Chairman Thomas J. Sheehan presided.

Current membership stands at 1,493 (336 members did not pay 1990 dues). The 103rd Annual Meeting received favorable reviews. A proposal to charge a one-day registration fee at our Annual Meeting was not supported. Page overage charges were discussed and no change was made. The next color cover of the Proceedings, sponsored by the Krome Memorial Institute, will feature a new mango cultivar. The Vegetable Section will be featured on the 1991 Proceedings cover. Chairman Sheehan asked Don Maynard and Gary Wilfret to draft a change in the By-Laws concerning the make-up of the Editorial Committee. The vote at the 1990 Annual Meeting to hold a banquet at the 1991 meeting was 155 in favor and 188 against. Copies of a brochure for

the Endowment Fund were distributed for study by the Executive Committee. The educational workshop for the section vice-presidents was conducted by Gary Wilfret. The next Executive Committee meeting was scheduled for April 25, 1991 at 10:00 a.m. at CREC, Lake Alfred.

#### **MOTIONS PASSED AND IMPORTANT DISCUSSIONS OF THE SECOND EXECUTIVE COMMITTEE MEETING, LAKE ALFRED, FLORIDA APRIL 25, 1991**

The second meeting of the Executive Committee was chaired by Thomas J. Sheehan at the Citrus Research and Education Center, Lake Alfred, on April 25, 1991.

Membership was reported at 1,458. Ron O'Conner of the Florida Farm Credit Bureau presented a proposal for establishment of an "Industry Leadership Award." The Farm Credit Bureau offered to donate \$500 annually to this award. A committee of three was appointed to study the proposal and bring it for discussion at the August meeting.

The Proceedings will be mailed five weeks later this year due to the lateness of the 1990 meeting, and the Newsletter will be issued in May and September. Abstracts for the 104th annual meeting are due June 1, 1991. Advance registration fee for the meeting was approved at \$40.00 per member, \$20.00 for spouse and \$15.00 for students. Registration at the meeting will be \$50.00 for member, \$25.00 for spouse and \$20.00 for students. A revised publication policies is being prepared and will be mailed to authors this year. A revision of the By-Laws concerning the make up of the Editorial Committee was presented, increasing the number of associate editors from five to six. Printing 5,000 copies of a new brochure for the Endowment Fund was approved. Mary Lamberts will chair the Local Arrangements Committee for the 1991 meeting; \$1,500 has been allocated to the spouse program; and \$1,000 for door prizes. A site selection committee was appointed to select the 1993 meeting site in south Florida. Charles Sims was appointed Acting Associate Editor for the Handling and Processing Section. Funding for sectional workshops was approved as follows: Citrus—\$300.00; Garden and Landscape and Ornamental Section—\$150.00 plus one night hotel accommodation for three speakers, the total not to exceed \$500.00; Vegetable—\$400.00-\$500.00.

Nominations of members for Honorary Membership should be sent to M. A. Ismail by August 1. Arrangements for the next meeting at the Doral are underway. A committee was appointed to study upgrading of the Society data processing needs and was authorized to spend up to \$4,000.00.

Next meeting of the Executive Committee was set for 9:00 a.m. August 20, 1991 at the Doral Hotel in Miami Beach.

#### **MOTIONS PASSED AND IMPORTANT DISCUSSIONS OF THE THIRD EXECUTIVE COMMITTEE MEETING, MIAMI BEACH, FLORIDA AUGUST 20, 1991**

The third Executive Committee meeting was held at the Doral Ocean Beach Resort in Miami Beach. It was chaired by Tom Sheehan. Society membership was reported at 1,557 paid members for 1990-1991. The next cover of the Proceedings will be devoted to vegetables. New contract with E. O. Painter Printing Company was approved reflecting a 3% increase over 1990. Increasing dues for overseas and library memberships was discussed. Horticultural Theater will be allocated one booth in the commercial exhibits and \$250.00 was allotted to the production of a video tape production for the Horticultural Theater. The following change in the By-Laws was approved:

Editorial Committee: The chairman of the Executive Committee shall appoint an Editorial Committee consisting of one Associate Editor from each section. This Editorial Committee shall meet with the Editor as called and assist him in editing and preparation of the manuscripts for publication in the Proceedings. Names of nominees for Associate Editor positions shall be presented to the Executive Committee along with brief resumes of their background and qualifications. Associate Editors shall then be appointed by the Chairman with the approval of the Editor and the Executive Committee. Such appointments shall be for a three-year term with option for renewal.

The Executive Committee approved a motion by Donal Maynard to accept a \$500.00 donation from the Farm Credit Bureau toward the Gold Medal Award. A motion was passed approving printing of Patron Members' names on the back of the final program. Bob Crawford, Commissioner of Agriculture, will give the Principal Address at the Annual Meeting. Norman Todd was elected Honorary Member of the Society. A committee was appointed to study the issue of screening honorary member nominees and report to the Executive Committee. A motion was approved to publish the Endowment Fund By-Laws in the next Society Proceedings.

#### **MOTIONS PASSED AND IMPORTANT DISCUSSIONS OF THE FOURTH EXECUTIVE COMMITTEE MEETING, MIAMI BEACH, FLORIDA OCTOBER 29, 1991**

The fourth meeting of the Executive Committee of the Florida State Horticultural Society was held at 3:00 p.m. October 29, 1991 at the Doral Hotel, Miami Beach. Chairman Tom Sheehan presided.

Report on the local arrangements was presented by Mary Lamberts. Dennis McConnell reported on student activities and Al Will reported on the state of commercial/educational exhibits. Motion to approve contract with E. O. Painter Printing Company for 1,800 copies of the Proceedings instead of 2,100 copies passed. Don Maynard suggested printing of Patron Members' names on the outside back cover of the Abstract Booklet and that names of exhibitors be listed in the program.

Ronnie Reed reported for the Site Selection Committee for the 1993 meeting site. The Doral was selected for October 19-22, 1993 over the Biscayne Bay Marriott. Larry Jackson moved that the Doral be approved as the 1993 meeting site. Motion was seconded and passed.

Motion by Wayne Sherman that responsibility of selection of Honorary Members be retained by the Executive Committee and that the paragraph dealing with "Service to the Society" on the application for Honorary Membership be clarified and/or expanded was approved.

Plaques and certificates for Endowment Fund contributors were approved. Cost will be paid from the Fund.

Criteria for selection of Council Memorial Tomato Research Award recipients were discussed. Sal Locascio agreed to mail a copy of accepted guidelines to Don Maynard for evaluation.

Next meeting was scheduled for January 7, 1992 at the Citrus Research and Education Center in Lake Alfred.



**MINUTES OF THE BUSINESS MEETING OF THE  
FLORIDA STATE HORTICULTURAL SOCIETY  
AT THE DORAL OCEAN BEACH RESORT, MIAMI BEACH, FLORIDA  
OCTOBER 31, 1991**

Meeting was called to order at 4:16 p.m. by President Larry Jackson. A moment of silence was observed for members no longer with us.

Mohamed Ismail reported that minutes of the last meeting had been published. He moved acceptance of the minutes as published; motion was seconded and passed. He also reported that minutes of the first three Executive Committee Meetings had been published in the Newsletter. He gave a report of the October 29 Executive Committee and moved that the reports be accepted as published and read. Motion was seconded and passed.

R. R. Reed gave the financial report. He moved that the report be accepted as read. Motion was seconded and passed.

Norman Childers asked all authors to get their papers in on time. He said that the color photograph for Volume 104 would be from the Vegetable Section and that Dan Cantliffe would be working with him on this. He also said that they would like to have summaries of all workshops for the Proceedings and asked that a method be developed for getting these summaries for the Proceedings. He said that judging from comments he had had from many people around the country as well as outside the United States, our Proceedings are the best of their kind.

Larry Jackson thanked Norman Childers and the six associate editors for their work on the Proceedings. He also urged members to support the Society through Patron Membership as well as the Endowment Fund.

Mohamed Ismail read a proposed change in the By-Laws regarding the Editorial Committee. Present By-Laws called for the appointment of six associate editors, one of whom would serve as chairman of the Editorial Committee. The Executive Committee had approved a change in the By-Laws to provide that there be six associate editors in addition to the elected editor, who would serve as chairman of the Editorial Committee. He moved that the amendment be accepted. Motion was seconded and passed.

Don Maynard announced that the best student paper award would go to Roberto Nunez-Elisea. His co-author is T. L. Davenport and the paper is entitled "Flowering Responses of 'Keitt' Mango (*Mangifera indica* L.) to Deblossoming and Gibberellic Acid (GA3)." Dr. Maynard urged that student papers be submitted in accordance with the guidelines in order to be eligible for the best paper award.

Larry Jackson thanked all the officers, those who served on committees and all others working behind the scenes to make this the successful meeting that it was.

Jeffrey Brecht reported for the Nominating Committee. Nominees were:

Vice President, Citrus Section—Michael Irely of United States Sugar Corporation, Clewiston  
Vice President, Garden and Landscape Section—Dick Henley of the University of Florida, IFAS-CFREC, Apopka

Vice President, Handling and Processing Section—Steven Nagy of the Florida Department of Citrus, Lake Alfred

Vice President, Ornamental Section—Jeff Norcini of the University of Florida, IFAS-AREC, Monticello

Vice President, Krome Memorial Institute—Bruce Schaffer of the University of Florida, IFAS-TREC, Homestead

Vice President, Vegetable Section—Tom Williams of Rogers NK Seed Company, Naples

Treasurer—R. R. Reed, Tampa

Member-at-Large, Peter Stoffella, University of Florida, IFAS-AREC, Fort Pierce

Program Coordinator—Gary Wilfret, University of Florida, IFAS-GCREC, Bradenton (five-year term)

President—Dan Cantliffe, University of Florida, IFAS-Vegetable Crops, Gainesville

President Jackson asked for nominations from the floor. There being none, Tom Sheehan moved that the nominations be closed and the secretary instructed to cast a unanimous ballot for the slate of officers proposed by the Nominating Committee. Motion was seconded and passed.

President Jackson asked for any new business. There being none, he asked Mary Lamberts, Chairman of the Local Arrangements Committee, to give the door prizes. First name drawn was Ken Shuler, who was not present. Angelica Rosenthal's name was then drawn and she received a cordless telephone. Ms. Rosenthal is from Davis, California. Sukas Wartanessian of Monrovia, California, received a radar detector. Don Maynard of Bradenton received a camera. Edna Zaenker's name was drawn but when she was not present, Reed Olszack of Homestead was awarded the 19-inch color TV.

President Jackson urged everyone to support the Mango Symposium which would be held July 5-10 in Miami.

Meeting was adjourned at 4:48 p.m.

Respectfully submitted,  
Mohamed A. Ismail, Secretary

**FLORIDA STATE HORTICULTURAL SOCIETY**

**December 31, 1991**

**Financial Statement**

Balance on Hand January 1, 1991 \$17,152.84

**RECEIPTS:**

1991 Patron	\$ 5,500.00	
1991 Annual	25,800.00	
1991 Student	295.00	
1990 Dues	5,960.00	
1992 Dues	3,735.00	
Index, Proceedings & Misc.	2,589.41	
Interest	2,355.55	
Page Overage	11,113.75	
Registration Fees (1990)	110.00	
Registration Fees (1991)	17,325.00	
Spouse Registration Fees	1,425.00	
Student Registration Fees	710.00	
Booth Rental (1990)	300.00	
Booth Rental (1991)	3,600.00	
Fruit Crops Breakfast	1,025.00	
Vegetable Crops Breakfast	400.00	
Time Certificate	5,000.00	
Endowment Fund Contributions	1,467.50	
		<b>\$ 88,601.21</b>
		<b>\$105,754.05</b>

**DISBURSEMENTS:**

Proceedings, 1990	\$31,177.55	
Sta., Stamps & Printing	5,482.40	
Miscellaneous	5,880.36	
Clerk Hire	13,860.00	
Meeting Expenses	28,900.15	
Sponsored Student Program	3,000.00	
Awards	2,000.00	
Refunds	125.00	
Endowment Fund Certificate	3,467.50	
		<b>\$93,892.96</b>

Balance as of January 1, 1992 \$11,861.09

**Investments as of December 31, 1991**

<u>Certificates of Deposit</u>	<u>Amount</u>	<u>Interest</u>
First Union Bank	\$ 5,000.00	4.47%
First Union Bank	10,000.00	9.15%
<b><u>Mortgage Certificate</u></b>		
First Mortgage Corp. of Winter Haven	59,729.65	10.50%
<b><u>Endowment Fund</u></b>		
First Union Bank	2,254.22	7.15%
First Union Bank	1,390.25	6.06%
Total Holdings	\$78,374.12	

Respectfully submitted,

R. R. Reed, Treasurer

**FLORIDA STATE HORTICULTURAL SOCIETY**

**Membership Report**

**December 31, 1991**

	<u>1990</u>	<u>1991</u>	<u>Total</u>
<b><u>New Members</u></b>			
Patron		14	14
Annual		67	67
Student		36	36
Colleges and Libraries		—	—
Out-of-Country		8	8
<b><u>Old Members</u></b>			
Patron	8	43	51
Annual	230	1,010	1,240
Student	22	20	42
Colleges and Libraries	9	19	28
Out-of-Country	46	95	141
<b><u>Honorary Members</u></b>			
Totals	315	1,312	1,664

**FLORIDA STATE HORTICULTURAL SOCIETY  
MEMBERSHIP LIST**

for  
**VOLUME 104, PROCEEDINGS FOR 1991**

**PATRON MEMBERS**

- Abbott Laboratories, Chemical & Agricultural Products Division, 1401 Sheridan Road, D-91L, North Chicago, IL 60064
- Adams, Bill, Adams Nursery, Inc., P. O. Box 1505, Haines City, FL 33844
- Agri-Chem, Inc., 5221 Satel Drive, Orlando, FL 32810
- Becker, R. William, Becker Groves, Inc., P. O. Box 1240, Fort Pierce, FL 33454
- Berry, Robert E., P. O. Box 3121, Winter Haven, FL 33881-3121
- Brooks, J. R. & Son, Inc. P. O. Drawer 9, Homestead, FL 33030
- Campbell, Carl W., U. of Fla., IFAS-TREC, 18905 S.W. 280th Street, Homestead, FL 33031
- Childers, Norman F., 3906 N.W. 31st Place, Gainesville, FL 32606
- Citrus & Vegetable Magazine/Florida Nurseryman, 4902 Eisenhower Boulevard, Suite 291, Tampa, FL 33634
- Coca-Cola Company Foods Division, P. O. Box 247, Auburndale, FL 33823
- Consolidated Chemicals, Inc., P. O. Box 699, Pahokee, FL 33476
- Diamond R Fertilizer Company, Inc., 4100 Glades Road, Fort Pierce, FL 34981
- Duda, A. & Sons, Inc., P. O. Box 257, Oviedo, FL 32765
- E. I. duPont deNemours & Company, c/o Harold McTeer, 6 Edwards Shores, Haines City, FL 33844
- Farm Credit Services of Florida,
- Florida Celery Exchange, P. O. Box 140067, Orlando, FL 32814
- Florida Citrus Nursery, 989 North LRL Ranch Road, Avon Park, FL 33825
- Florida Citrus Packers, P. O. Box 1113, Lakeland, FL 33802
- Florida Citrus Processors Association, P. O. Box 780, Winter Haven, FL 33882
- Florida Citrus Production Managers Association, 3915 First Street, S.W. Vero Beach, FL 32968
- Florida Fruit & Vegetable Association, P. O. Box 140155, Orlando, FL 32814
- Florida Fruit Company, 27101 U. S. Highway 27, Leesburg, FL 34748
- Fruit Crops Association, The University of Florida, P. O. Box 1381, Lake Alfred, FL 33850
- Green Cay Farms, Inc. Route 1, Box 331 B, Boynton Beach, FL 33437
- Grove Service Company, Inc., P. O. Box 1310, Homestead, FL 33030
- Growers Fertilizer Corp., P. O. Box 1407, Lake Alfred, FL 33850
- Haines City Citrus Growers Association, P. O. Box 337, Haines City, FL 33844
- Horticultural Enterprises, P. O. Box 1207, Apopka, FL 32704
- Hunt, G. Ellis, P. O. Box 631, Lake Wales, FL 33853
- IMC Fertilizer Group, Rainbow Operations, P. O. Box 467, Mulberry, FL 33860
- Kahn Grove Service Company, 5301 Oakland Road, Sebring, FL 33870
- Kennedy, John, Golden Gem Growers, Inc., P. O. Drawer 9, Umatilla, FL 32784
- Manatee Fruit Company, P. O. Box 128, Palmetto, FL 33561
- Morton, Julia F., Morton Collectanea, U. of Miami, P. O. Box 8204, Coral Gables, FL 33124
- Nelson, O. F. & Sons Nursery, Inc., 2300 South Sheeler Road, Apopka, FL 32703
- Ocean Spray Cranberries, Inc., 925 S.W. 74th Avenue, Vero Beach, FL 32960
- Oglesby Nursery, 3714 S.W. 52nd Ave., Hollywood, FL 33023
- Orange-co of Florida, Inc., P. O. Box 2159, Bartow, FL 33830-2158
- Polk County Fertilizer Company, P. O. Box 366, Haines City, FL 33844
- Raley Groves, P. O. Box 1112, Winter Haven, FL 33882
- Rare Fruit Council International, Inc., P. O. Box 561914, Miami, FL 33156
- Reese Citrus Insulators, Inc., P. O. Box 2352, Lakeland, FL 33806
- Royal Palm Citrus Management, Inc., P. O. Box 1057, Loxahatchee, FL 33470-1057
- Scharfenberg, Carl, Yoder Brothers, Inc., P. O. Box 68, Alva, FL 33920
- Snively, Harvey B., Jr., Snively Enterprises, P. O. Box 968 Dundee, FL 33838
- South Bay Growers, Inc. P. O. Drawer A, South Bay, FL 33493
- Southern Citrus Nurseries, Inc., P. O. Box 970, Dundee, FL 33838
- The Collier Company, Grove Division, P. O. Box 413038, Naples, FL 33941-3038
- The Florida Mango Forum, P. O. Box 970371, Miami FL 33197
- Turner Foods Corp., 25450 Airport Road, Punta Gorda, FL 33950
- United States Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440
- Udike, John, Jr., Alcoma Packing Company, Inc., P. O. Box 231, Lake Wales, FL 33853
- Vigoro Industries, Inc., Larry J. Bates, P. O. Box 1272, Winter Haven, FL 33880
- Ward, Franklin, P. O. Box 177, Avon Park, FL 33825
- Wells, Earl, Florida Nurserymen & Growers Assn., Inc., 5401 Kirkman Road, Suite 650, Orlando, FL 32819
- Western Ag. Minerals Company, 16800 Greenspoint Park Drive, Suite 250N, Houston, TX 77060
- Zellwin Farms, Inc., P. O. Box 188, Zellwood, FL 32798

**ANNUAL AND HONORARY\***

- Abrahamson, Sondra, Florida Grower & Rancher, 1331 N. Mills Ave., Orlando, FL 32803-2598
- Adair, Robert C., Jr., The Kerr Center for Sustainable Agriculture, 7055 Cherry Lane, Vero Beach, FL 32966
- Adams, Alvin J., Louisiana State Univ., Citrus Res. Sta., Route 1, Box 628, Port Sulphur, LA 70083
- Adams, Howard L., Sakata Seed America, 2709 Swamp Cabbage Court, Fort Myers, FL 33901-9352
- Adams, Russell S., Gainesville Tree Farm, 3714 N.W. 39th Avenue, Gainesville, FL 32606
- Adams, Steve, Loxahatchee Nursery, P. O. Box 855, Palm City, FL 34990
- Adams, William G., Adams Citrus Nursery Inc., P. O. Box 1505, Haines City, FL 33845
- Ahrens, Joseph, U. of Calif., Vegetable Crops Dept., 103 Mann Lab., Davis, CA 95616
- Albig, Michael D., Coca-Cola Foods, 8997 Southview Road, Maitland, FL 32751
- Albinana, Antonieta M., P. O. Box 1296, Homestead, FL 33090
- Albregts, Earl, U. of Fla., IFAS-AREC, 13138 Lake Gallagher, Dover, FL 33511
- Albrigo, L. Gene, U. of Fla. IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Alcoma Packing Company, Inc., P. O. Box 231, Lake Wales, FL 33853
- Alderman, Leslie D., Coca-Cola Foods, P. O. Box 1706, Avon Park, FL 33825
- Allen, James E., Jr., Allen Grove Service, P. O. Box 1065, Lakeland, FL 33802
- Allen, Leon H., Jr., USDA-ARS, Building 164, U. of Fla., Gainesville, FL 32611
- Allen, Milton, Helena Chemical Company, P. O. Box 5115, Tampa, FL 33675
- Allison, Charles E., Capital Agricultural Property Services, 5728 Major Boulevard, Suite 305, Orlando, FL 32819-7944
- Alva, Ashok, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Alvarez, Jose, 14332 Horseshoe Trace, West Palm Beach, FL 33414
- Amann Jack, JJ's Ag. Chemicals & Consulting, Inc., P. O. Box 772146, Winter Garden FL 34777
- Anders, Ken, Chilean Nitrate Corp., 904 South Hillside Court, Winter Haven, FL 33881
- Andersen, Peter C., U. of Fla., IFAS-AREC, Route 4, Box 4093, Monticello, FL 32344-9302
- Anderson, Don, Anderson's Tropical Nursery, 3630 Highway 60, East, Bartow, FL 33830
- Anderson, Shirley, 510 N.W. 122nd Street Gainesville, FL 32607
- Anderson, Tim, Daisy Farm, Inc., 9995 S.W. 66th St. Miami, FL 33173
- Andreis, Henry J., U. S. Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440
- App, James L., U. of Fla. IFAS, 1038 McCarty Hall, Gainesville, FL 32611
- Arnold, Calvin, U. of Fla. IFAS-AREC, P. O. Box 5127, Immokalee, FL 33934
- Arnold, Matt, Kahn Grove Service Company, Inc., 5301 Oakland Road, Sebring, FL 33870
- Arpaia, Mary Lu, University of California, Batchelor Hall Extension, Riverside, CA 92521
- Arrington, William S., Jr., South Lake Apopka Citrus Growers Assn., P. O. Box 8, Oakland, FL 32760
- Atkins, Oliver H., Atkins Nursery, 3129 Reche Road, Fallbrook, CA 92028
- Augustine, Jimmy J., BHN Research, 16750 Bonita Beach Road, Bonita Springs, FL 33923
- Babb, Raymond, 2410 Babb Road, Kissimmee, FL 34746
- Backus Trading, Inc., 4770 Biscayne Boulevard, #930, Miami, FL 33137
- Bailey, Carol Cloud, 133 N.W. 94th St., Miami Shores, FL 33150
- Baiz, Linda Huwe, 87861 Overseas Highway, Islamorada, FL 33036
- Baker, Robert A., P. O. Box 3701, Winter Haven, FL 33881
- Baldwin, Elizabeth A., U.S.D.A. Citrus & Subtropical Lab., 600 Avenue S, N.W., Winter Haven, FL 33881
- Baldwin, James C., 4311 Shadowwood Trail, Winter Haven, FL 33880
- Balerdi, Carlos, P. O. Box 565, Goulds, FL 33170
- Bancroft, Marc, Brogdex Company, 1441 W. Second St., Pomona, CA 91766
- Bar, Ilan, Netafim Irrigation, Inc., 548 North Douglas Avenue, Altamonte Springs, FL 32714
- Baranowski, R. M., U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Barben, Robert J., Inc., P. O. Box 1056, Avon Park, FL 33825
- Barber, Deborah A., Ward's Nursery, P. O. Box 1877, Avon Park, FL 33825-1877
- Barber, William L., 200 Lake Nellie Drive, Lake Placid, FL 33852
- Barberousse, Claude, 14864 S.W. 164th Terrace, Miami, FL 33187
- Barnes, Eileen C., P. O. Box 1029, Geneva, FL 32732
- Barnum, Robert L., 14955 S.W. 214th St., Miami, FL 33187
- Barros, Santiago, 1022 Hammock Shade Dr., Lakeland, FL 33809
- Barrow, Mark V., 810 East University Avenue, Gainesville, FL 32601

\*Indicates Honorary Member

- Bartlett, Rhonda J., 1012 Grand Prix Drive, Sebring, FL 33872
- Bartz, J. A., U. of Fla., IFAS-Plant Pathology, 2559 Fifield Hall, Gainesville, FL 32611
- Basiouny, Fouad, Tuskegee University, 203 Milbank Hall, Tuskegee, AL 36088
- Bassett, Mark J., 2900 N.W. 32nd St., Gainesville FL 32605
- Bateman, Howard P., Bright Hour Ranch, 6384 S.E. County Road 760, Arcadia, FL 33821-7412
- Bates, Larry J., 9130 West Lake Ruby Dr., Winter Haven, FL 33884
- Bates, Robert P., U. of Fla., IFAS-Food Sci. & Human Nutrition, 303 Food Science Building, Gainesville, FL 32611
- Batty, M. Roy, 205 Madison Drive, Naples, FL 33942
- Baxter, John, FMC Corp., P. O. Box 1708, Lakeland, FL 33801
- Bearss, Paul, Superior Fertilizer Company, 14225 Lake Magdalene Blvd., Tampa, FL 33618
- Beasley, Brian R., Coca-Cola Company Foods Division, 2060 Kirkland Road, Auburndale, FL 33823
- Beasley, Larry, A. Duda & Sons, Inc., P. O. Box 257, Oviedo, FL 32765
- Beauchamp, Paul H., Plant Fruit Company, P. O. Box 1118, Plant City, FL 33566
- Beck, John L., 6565 Ficquette Road, Windermere, FL 34786
- Beer, Victor, Gutwein Groves, Inc., P. O. Box 158, LaBelle, FL 33935
- Beeson, Richard C., Jr., U. of Fla., IFAS-CFREC, 2700 East Celery Avenue, Sanford, FL 32771
- Begeman, John P., 14700 Immokalee Road, Naples, FL 33964-1468
- Behnke, Michael, Highwoods Nursery, 144 North Rifle Range Road, Winter Haven, FL 33880
- Belcher, Bryan, Berry Citrus Products, Inc., P. O. Box 459, LaBelle, FL 33935
- Bergmann, Eric R., California Agri-Marketing, 2047 Cambridge Avenue, Cardiff By The Sea, CA 92007-1707
- Bernardi, Franco, Paramount Citrus, 36445 Road 172, Visalia, CA 93291
- Bernecker's Nursery, 16900 S.W. 216th St., Goulds, FL 33170
- Berry, Jack M., Berry Holding Corp. of Winter Haven, P. O. Box 5609, Winter Haven, FL 33880-0416
- Berry, Jack M., Jr., The Berry Companies, P. O. Box 459, LaBelle, FL 33935
- \*Berry, Robert E., P. O. Box 3121, Winter Haven, FL 33881
- Bewick, Thomas A., U. of Fla., IFAS 1255 Fifield Hall, Gainesville, FL 32611
- Biamonte, Richard L., Grace-Sierra, Iron Run Industrial Park, 6656 Grant Way, Allentown, PA 18106
- Biebel, Joseph P., 6810 S.W. 62nd Court, South Miami, FL 33143
- Biggs, R. H., U. of Fla., IFAS-Fruit Crops, 2143 Fifield Hall, Gainesville, FL 32611
- Bingaman, Charles E., 12349 Ridge Road, Largo, FL 34648
- Bistline, Fred, The Coca-Cola Company Foods Division, P. O. Box 87, Longwood, FL 32750
- Black, Charles, A. Duda & Sons, Inc., 12535 Glades Cutoff Road, Port St. Lucie, FL 34987
- Black, Robert, J., U. of Fla., IFAS-Ornamental Hort., 2551 Fifield Hall, Gainesville, FL 32611
- Blair, Robert H., Mount Dora Growers Cooperative, P. O. Box 36, Mount Dora, FL 32757
- Bloques, Alejandro, 508 Lynndale Street, Tallahassee, FL 32301-7036
- Bohde, Fred, IMC, 1175 George St., Bartow, FL 33830
- Boman, Brian, U. of Fla., IFAS-AREC, P. O. Box 248, Fort Pierce, FL 34954
- Bonnell, J. M., James M. Bonnell, Inc., P. O. Box 15119, Bradenton, FL 34280
- Borel, Hubert, Maran Groves Corp., 10 Sarasota Center Boulevard, Sarasota, FL 34240
- Boschulte, James, Jr., P. O. Box 3190, St. Thomas, VI 00802
- Bostdorff, Richard, Speedling, Incorporated, P. O. Box 7129, Sun City, FL 33586
- Botts, Dan, Florida Fruit & Vegetable Association, P. O. Box 140155, Orlando, FL 32814
- Boudrias Groves, 8101 Okeechobee Road, Fort Pierce, FL 34945
- Bouis, Frank S., Florida Fruit Company, 27101 U. S. Highway 27, Leesburg, FL 34748
- Bourgeois, Wayne J., LSU, LAES Citrus Research Station, 2417 Knightway Drive, Terrytown, LA 70056
- Bournique, Douglas C., Indian River Citrus League, P. O. Box 519, Vero Beach, FL 32961
- Bowen, Jeffrey, S., Jack H. Bowen Grove, 1850 Avondale Circle, Jacksonville, FL 32205
- Bowers, Michael D., Fresh Mark Corp., P. O. Box 1245, Maitland, FL 32751
- Boyd, Maurice M., McKinnon Corp., P. O. Box 1066, Winter Garden, FL 32787
- Boyer, Susan, Riviera Country Club, 1027 Laguna Springs Drive, Fort Lauderdale, FL 33326
- Bradshaw, Joan, Pinellas County Extension Service, 12176 - 125th St., N. Largo, FL 34644
- Brantley, J. Tyler, U. S. Sugar Corp., Route 2, Box 169, Clewiston, FL 33440
- Brecht, Jeffrey K., U. of Fla., IFAS-Vegetable Crops, 1207 Fifield Hall, Gainesville, FL 32611
- Brewton, William S., Division of Plant Industry, 1115 Anastasia Ave., Coral Gables, FL 33134
- Brigham, Hillary, 1411 Collins Avenue, #3-B, Miami Beach, FL 33139
- Brinen, Gary H., Alachua County Extension Service, 2800 N.E. 39th Avenue, Gainesville, FL 32609
- Broadaway, Dennis P., P. O. Box 121067, Clermont, FL 34712
- Bronson, Stan C., Callery-Judge Grove, P. O. Box 810, Loxahatchee, FL 33470
- Brooks, Robert F., P. O. Box 307, Lake Hamilton, FL 33851
- Broschat, Timothy K., U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314
- Brouwer, Ronald, 1108 Milan Avenue, Coral Gables, FL 33134
- Brown, David E., Jacksonville Zoological Society, 8605 Zoo Road, Jacksonville, FL 32218
- Brown, E. A., Rhone-Poulenc Ag. Company, P. O. Box 12014, Res. Triangle Park, NC 27709
- Brown, George Eldon, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Brown, H. Donovan, Plantaciones Oscar de la Renta, 6679 Trail Ridge Drive, Lakeland, FL 33813
- Brown, Reginald L., Florida Fruit & Vegetable Association, P. O. Box 140155, Orlando, FL 32814
- Brown, Richard, P. O. Box 780213, Sebastian, FL 32978
- Bruemmer, Joseph H., 4214 Swann Avenue, Tampa, FL 33609
- Bryan, Don S., Lake Garfield Nurseries Company, P. O. Box 154, Bartow, FL 33830
- Bryan, Herbert H., U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Bryan, James L., Lake Garfield Nurseries Company, P. O. Box 154, Bartow, FL 33830
- Bryan, Philip R., Lake Garfield Nurseries, P. O. Box 154, Bartow FL 33830
- Bryan, William M., Agtrol Chemical Products, P. O. Box 609, Lake Wales, FL 33859-0609
- Buchanan, David W., U. of Fla., IFAS-AREC, 3205 College Avenue, Fort Lauderdale, FL 33314
- Bulger, John, 405 Gardenwood Place, Valrico, FL 33594
- Bullis, Harvey R., Jr., 12420 S.W. 248th St., Princeton, FL 33032
- Bullock, Robert C., P. O. Box 248, Fort Pierce, FL 34954
- Burch, Derek, 4044 S.W. Fourth St., Plantation, FL 33317
- \*Burgis, Donald S., 1016 - 38th St., W., Bradenton, FL 34205
- Burke, Martha Roe, Ceres 2000, Inc., P. O. Box 2927, Winter Haven, FL 33883
- Burnett, John A., Brevard Groves, Inc., 9155 Babcock Street, S.E., Palm Bay, FL 32909
- Burns, Bob, U. of California, 3104 Grove St., Ventura, CA 93003
- Burns, Jacqueline K., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Bussey, Philip, U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314
- Buslig, Bela S., Florida Department of Citrus, P. O. Box 1909, Winter Haven, FL 33883
- Butts, Karl M., 2808 East Midway Road, Plant City, FL 33565
- Byrnes, Robert L., Trail Ridge Nursery, P. O. Box 967, Keystone Heights, FL 32656
- Cain, James L., Vero Orthopaedics, 1300 - 36th St., Vero Beach, FL 32960
- Callery, James, Callery-Judge Grove, P. O. Box 810, Loxahatchee, FL 33470-0810
- Calvert, David V., U. of Fla., IFAS-AREC, P. O. Box 248, Fort Pierce, FL 34954
- Cameron, Randy, USDA, ARS, SAA, 600 Avenue S, N.W., Winter Haven, FL 33881
- \*Campbell, Carl W., U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Campbell, Craig A., J. R. Brooks & Son, Inc., P. O. Drawer 9, Homestead, FL 33090
- Campbell, Richard J., 15301 S.W. 269th Terrace, Homestead, FL 33032
- Canalon, Paul F., Florida Department of Citrus, 700 Experiment Station Road, Lake Alfred, FL 33850
- Cantliffe, Dan, U. of Fla., IFAS-Vegetable Crops, 1255 Fifield Hall, Gainesville, FL 32611
- Cargill, Inc., Information Center, Attn: Pat Johnson, P. O. Box 5670, Minneapolis, MN 55440
- Carlin, Peter, Shadow Oaks Nursery, Inc., 6700 Porter Road, Sarasota, FL 34240
- Carlton, Gregory A., United States Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440
- Carpenter, Thomas L., Agri-Tech Services, Inc., 431 Avenida Del Rio, Clewiston FL 33440
- Carpenter, William J., U. of Fla., IFAS-Ornamental Hort., 2541 Fifield Hall, Gainesville, FL 32611
- Carson, David W., Chemical Dynamics, Inc., P. O. Box 486, Plant City, FL 33564
- Carson, W. B., Chemical Dynamics, Inc., P. O. Box 486, Plant City, FL 33564
- Carter, Hugo A., 602 S.W. Pine Tree Lane, Palm City, FL 34990
- Carter, Michael, Ben Hill Griffin, Inc., P. O. Box 53, Frostproof, FL 33843
- Carter, Monte, Route 1, Box 889, Arcadia, FL 33821
- Cashion, Geraldine J., 2948 Landmark Way, Palm Harbor, FL 34684
- Cassens, K. D., Cassens' Grove Service, Inc., P. O. Box 613, Fort Pierce, FL 33450
- Castle, William S., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Castro, Ben F., Gadsden Extension Service, 2140 West Jefferson Street, Quincy, FL 32351
- Cauthen, John, Arborform, Inc., P. O. Box 7001, Fort Myers, FL 33911
- Chancey, Clay, 3019 Pearson Road, Valrico, FL 33594
- Chandler, Craig K., U. of Fla., IFAS, 13138 Lewis Gallagher Road, Dover, FL 33527
- Chase, Ann R., U. of Fla., IFAS-CFREC, 2807 Binion Road, Apopka, FL 32703
- Chason, James, Grace/Sierra, 2365 S.E. Watercrest Street, Port St. Lucie, FL 34984
- Chen, C. S., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Cherry Lake Tree Farm, Attn: Alan Heinrich, 7836 Cherry Lake Road, Groveland, FL 34736
- Cheshire, J. T., Jr., Cheshire Citrus Care, P. O. Box 909, Lake Placid, FL 33852
- Chesnutt, W. Fleetwood, 1866 First St., Vero Beach, FL 32962-2746
- Childers, Norman F., 3906 N.W. 31st Place, Gainesville FL 32606
- Childs, Reginald L., Diamond R Fertilizer Co., 3805 Sunrise Blvd., Fort Pierce, FL 34982
- Chun, David T. W., USDA-ARS, Cotton Quality Research Station, P. O. Box 792, Clemson, SC 29633

- Clark, Allen V., Coca-Cola Foods, P. O. Box 368, Plymouth, FL 32768
- Clark, Gary A., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Clement, R. W., P. O. Box 2207, Haines City FL 33844
- Clinton, Dennis, Division of Plant Industry, 1367 N.E. 27th Court, Pompano Beach, FL 33064
- Clough, George H., Hermiston Agr. Res. & Ext. Center, P. O. Box 105, Hermiston, OR 97838
- Cloughley, Jim, Jack M. Berry Grove Corp., 490 - 45th Court, Vero Beach, FL 32968
- Cohen, Mortimer, #221-E, 671 N.E. 195th Street, North Miami Beach, FL 33179
- Collins, Charles R., Ward's Nursery, Inc., P. O. Box 850, Avon Park, FL 33825
- Comer, Dorothy A., U. of Fla., IFAS-Food & Resource Economics, 1181 McCarty Hall, Gainesville, FL 32611
- Conklin, Alan R., FMC Corp., CMSD, P. O. Box 1708, Lakeland, FL 33802
- Conover, Charles A., U. of Fla., IFAS-CFREC, 2807 Binion Road, Apopka, FL 32703
- Cook, Bruce A., 9201 Palmer Blvd., Sarasota, FL 34240
- Cook, Ralph W., P. O. Box 1073, Dunedin, FL 33528
- Cooper, Talbert, Jr., P. O. Box 1900, Fort Pierce, FL 33454
- \*Cooper, William C., 443 Lakewood Dr., Winter Park, FL 32789
- Costner, G. C., Costner Caretaking Service, Inc., Route 4, Box 195, Arcadia, FL 33821
- Coulter, Wallace H., 600 W. 20th St., Hialeah, FL 33010
- Council, Travis David, 2723 - 24th Street, S.E., Ruskin, FL 33570
- Counter, Charles, Berry Citrus Products, Inc., P. O. Box 459, LaBelle, FL 33935
- Cox, Robert S., P. O. Box 534, Cashiers, NC 28717
- Coy, Bonnie L., U. of Fla., IFAS-AREC, 3205 S.W. College Avenue, Fort Lauderdale, FL 33314
- Craig, David, Diamond R Fertilizer, P. O. Box 12489, Fort Pierce, FL 34979
- Crane, Jonathan H., U. of Fla., IFAS-TREC, 18905 S.W. 280 St., Homestead, FL 33031
- Crane, Steve, Rohm and Haas, 3682 Liberty Square, Fort Myers, FL 33908
- Craven, William P., General Delivery, Great River, NY 11739-9999
- Crawford, John H., Crawford Company, 10 N. Tropical Trail, Merritt Island, FL 32953
- Crawford, Richard J., 1126 West Ruby Street, Lakeland FL 33801
- Crnko, G. Stephen, Seminole Co. Agric. Center, 250 W. County Home Road, Sanford, FL 32773
- Crocker, Timothy E., U. of Fla., IFAS-Fruit Crops, 1143 Fifield Hall, Gainesville, FL 32611
- Crumbley, L. Davis, Coca-Cola Foods, P. O. Box 1322, Avon Park, FL 33825
- Crump, Steven S., 12549 Glades Cutoff Road, Port St. Lucie, FL 34987
- Csizinsky, Alexander A., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Cuadrado, Eva, U. of Fla., IFAS, 3250 Riviera Drive, Coral Gables, FL 33134
- Cuarezma, Jorge A., Monsanto Agricultural Company, 5050 S.W. 142nd Place, Miami, FL 33175-5026
- Cummings, James F., 8400 Picos Road, Suite 101, Fort Pierce, FL 33451.
- Curran, Robert R., Rohm and Haas Company, 8416 S.E. Palm Street, Hobe Sound, FL 33455.
- Cushman, Michael, Sun Citrus Association, Inc., 5300 Sun Citrus Boulevard, Fort Pierce, FL 34946.
- Cusson, Jeffrey L., Becker Groves, P. O. Box 1240, Fort Pierce, FL 34954.
- Cuthbert, Edmund R., Jr., P. O. Box 328, Summerville, SC 29484.
- D'Albora, J. V. Company, 130 - 43rd Avenue, S.W., Vero Beach, FL 32968.
- da Fonseca, Jaime Flavio, 8410 N.W. 53rd Terrace, Suite 214, Miami, FL 33166.
- Dalton, J. D., P. O. Box 570994, Miami, FL 33157.
- Dan, Anna J., A & L Agricultural Laboratory, Inc., 2834 Lincoln Street, Hollywood, FL 33020.
- Dancy, Francis L., Sharlyn Citrus Corp., P. O. Box 457, Fort Pierce, FL 34954.
- Daniel, William M., 3419 Chartres Street, New Orleans, LA 70117
- Datnoff, L. E., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Dave, Bhal A., 3731 Pico Circle, LaVerne, CA 91750-3247
- Davenport, Sally B., P. O. Box 5127, Immokalee, FL 33934-5002
- Davenport, Tom, U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Davies, Frederick S., U. of Fla., IFAS-Fruit Crops, 1143 Fifield Hall, Gainesville, FL 32611
- Davis, Bob, 4448 Glenss Landing, Winter Haven, FL 33884
- Davis, Craig L., 1175 Benji Ridge Court, Kissimmee, FL 34748
- Davis, Dean F., U. S. Department of Agriculture, 2825 N.W. 21st Ave., Gainesville, FL 32605
- Davis, Jeff, 1701 Courtyard Way, #A103, Naples, FL 33962-5368
- Davis, W. C., Davis Grove Service, Inc., 2849 Johio Shores Dr., Orlando, FL 32818
- Dawson, W. Penn, Jr., 971 Bay Esplanade, Clearwater, FL 33515
- deBotton, Cecilia D., Texas A & M University, 313-B Manoel Drive, College Station TX 77843
- Degner, Robert L., 2842 N.W. 28th Place, Gainesville, FL 32605
- Dehgan, Bijan, U. of Fla., IFAS-Ornamental Hort., Gainesville, FL 32611
- Delaney, S. David, E. I. duPont deNemours & Company, P. O. Box 120818, Clermont, FL 34711-0818
- Denmark, H. A., 10930 N.W. 12th Place, Gainesville, FL 32606
- Deszyck, E. J., 9314 Westmoor Dr., Richmond, VA 23229
- Dewenter, Paul A., 73-4438 Paiaha Street, Kailua-Kona, HI 96740
- \*Dickey, R. D., 1034 N.W. 60th St., Gainesville, FL 32601
- Dickinson, D. Edward, P. O. Box 1203, Haines City, FL 33845
- Dickinson, James H., Jr., P. O. Box 425, Frostproof, FL 33843
- Diem, John R., Southern Agricultural Insecticides, Inc., P. O. Box 218, Palmetto, FL 34220
- Dilley, James R., Roland L. Dilley & Son, Inc., P. O. Box 1666, Avon Park, FL 33825
- Dilley, Roland L., Roland L. Dilley & Son, Inc., P. O. Box 1666, Avon Park, FL 33825
- Dinger, Paul, Chemical Dynamics, Inc., 4500 Buckingham Road, Fort Myers, FL 33905
- Dobson, David J., Collier Enterprises, P. O. Box 1115, Immokalee, FL 33934
- Dooley Groves, Inc., P. O. Box 38, Sun City, FL 33586
- Douberley, Wayne, Kahn Grove Service, 5301 Oakland Road, Sebring, FL 33870
- Douglass, Spencer G., Douglass Fertilizer & Chemical Co., Inc., 1180 Spring Centre S. Boulevard, #102, Altamonte Springs, FL 32714
- Dozier, James C., Foremost Fertilizer Company, P. O. Box 491085, Leesburg, FL 34749-1085
- Driscoll, Paul J., Driscoll Citrus Service, Inc., 2906 Grove Drive, Fort Pierce, FL 34981
- Driscoll, Paul J., Jr., P. O. Box 1509, Fort Pierce, FL 33454
- Dubin, Rory A., 2462 Briar Oak Circle, Sarasota, FL 34232
- DuBois, Mark, CMC Management, 176 12th Street, S.E., Vero Beach, FL 32962
- Dudeck, A. E., U. of Fla., IFAS, 1531 Fifield Hall, Gainesville, FL 32611
- Dudley, Robert W., P. O. Box 1235, Inverness, FL 32651
- Dufault, Robert J., Coastal Research & Education Center, 2865 Savannah Highway, Charleston, SC 29407
- Dunn, Elizabeth L., 1653 Woodbridge Lakes Circle, West Palm Beach, FL 33406
- Dunn, R. A., U. of Fla., IFAS, Nematology Lab., Building 78, Gainesville, FL 32611
- Duppenthaler, Dallas E., Jr., 721 State Road 535, Winter Garden, FL 32787
- DuPuy, Christina, 19901 Coral Sea Road, Miami, FL 33157
- Durkin, John C., Orange-co of Florida, Inc., 523 West Oak, Arcadia, FL 33821
- Dusky, Joan A., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Echeverria, Ed, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Ecke, Paul Ranch, P. O. Box 488, Encinitas, CA 92024
- \*Edsall, R. S., 3915 First St., S.W., Vero Beach FL 32960
- Edsall, R. S., Jr., Edsall Grove Service, Inc., 3915 First Street, S.W., Vero Beach, FL 32962
- Edwards, George J., 199 Eighth Street, S.E., Winter Haven, FL 33880
- Eger, Joe, Dow Chemical Company, 5100 West Kennedy Boulevard, Suite 450, Tampa, FL 33609
- Eide, Elling O., Indianola, 8000 South Trail, Sarasota, FL 34231
- El-Hout, Nael M., South Bay Growers, Inc., P. O. Drawer A, South Bay, FL 33493
- Ellenby, Marc J., LNB Groves, 25250 S.W. 194th Avenue, Homestead, FL 33031
- Elliott, Mark, U. of Fla., IFAS-Dept. of Plant Pathology, 1453 Fifield Hall, Gainesville, FL 32611
- Elliott, Wooda B., Tucker & Branham, Inc., P. O. Box 178, Winter Park, FL 32790
- Ellis, Lynn, Becker Groves, P. O. Box 1240, Fort Pierce, FL 34954
- Ellis, Richard E., Diamond R Fertilizer Company, P. O. Box 1458, Winter Garden, FL 34777
- Elmstrom, Gary W., U. of Fla., IFAS-CFREC, 5336 University Ave., Leesburg, FL 34748
- Elsberry Greenhouse, Inc., 101 Big Bend Road, Ruskin, FL 33570
- Elsberry, Bruce, Elsberry Brothers, 101 Big Bend Road, Ruskin, FL 33570
- Embleton, Tom W., Dept. of Horticultural Science, University of California, Riverside, CA 92502
- Emino, Everett R., U. of Fla., IFAS, 1022 McCarty Hall, Gainesville, FL 32611
- Emond, Jean-Pierre, U. of Fla., IFAS, Ag. Eng. Dept., Rogers Hall, Gainesville, FL 32611
- England, Gary K., A. Duda & Sons, Inc., P. O. Box 788, LaBelle, FL 33935
- Engler, Paul B., California Citrus Quality Council, 953 W. Foothill Blvd., Claremont, CA 91711
- Englert, David M., Country Joe's Nursery, Inc. 9177 Lawrence Road, Boynton Beach, FL 33436
- English, Ed, Pacific Land Co., Route 2, Box 421, Immokalee, FL 33934
- English, Hugh, A. Duda & Sons, Inc., P. O. Box 788, LaBelle, FL 33935
- Ennis, W. B., Jr., U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314
- Erb, Roberto, 1885 N.E. 175th Street, North Miami Beach, FL 33162
- Erickson, Clair, Monsanto Chemical Company, P. O. Box 607, Tangerine, FL 32777-0607
- Ericson, Andrew P., 927 Scott Boulevard, Apt. 206, Decatur, GA 30030-1306
- Estes, W. Cody, Estes Citrus, Inc., 3705 - 20th Street, Vero Beach, FL 32960
- Evans, Dean F., Coca-Cola Foods, P. O. Box 247, Auburndale, FL 33823
- \*Everett, Paul H., 5762 Beechwood Trail, S.W., Fort Myers, FL 33919
- Eyberg, Dorothy, Asgrow Seed Company, 8200 David Brown Highway, Naples, FL 33999
- Fairchild Tropical Garden, 10901 Old Cutler Road, Miami, FL 33156
- Farm and Garden Supply, P. O. Box 2259, Sarasota, FL 33578
- Farm Credit of Central Florida, P. O. Box 8009, Lakeland, FL 33802
- Farnsworth, Steve, 7080 Hypoluko Farms Road, Lake Worth FL 33463
- Farrell, William R., 5540 Cypress Road, Plantation, FL 33317
- Faryna, Nick, P. O. Box 644, Umatilla, FL 32784
- Fawcett, Charles F., Jr., 2417 N. Ocean Dr., Fort Pierce, FL 34949
- Fazli, Syed F., Plantboy, Inc., P. O. Box 290146, Fort Lauderdale, FL 33329
- Fedelem, Terry, City of Naples, 1979 Timberline Drive, Naples, FL 33942-7125
- Fellers, Paul J., Florida Department of Citrus, 700 Experiment Station Road, Lake Alfred, FL 33850
- Fellman, Cynthia, Frank's Nursery & Crafts, 6399 E. Nevada, Detroit, MI 48234
- Ferguson, James J., U. of Fla., IFAS-Fruit Crops, 2111 Fifield Hall, Gainesville, FL 32611

Fernandez, Daniel, Fernandez Farms, P. O. Box 886, Dove Creek, CO 81324-0886  
 Fernandez, Jose L., 41 W. 96th St., New York, NY 10025  
 Fernandez, Tom, Horticulture Department, Michigan State University, East Lansing, MI 48823  
 Fielding, Erroll L., Orange-Co, Inc., 815 Lake Elbert Court, Winter Haven, FL 33881  
 Fields, Dan, Agrimar Corp., 2912 San Rafael, Tampa, FL 33629  
 \*Fifield, Willard M., 709 N.W. 22nd Street, Gainesville, FL 32603  
 Fischer, Everette H., Winter Garden Citrus Growers Assn., P. O. Box 69, Winter Garden, FL 32787  
 Fitzpatrick, George E., U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314  
 Florida Blueberries, Inc., P. O. Box 836, Waldo, FL 32694  
 Florida Fertilizer Company, Inc., P. O. Box 1087, Wauchula, FL 33873  
 Florida Foundation Seed Producers, Inc., P. O. Box 309, Greenwood, FL 32443  
 Florida Gift Fruit Shippers Association, 521 North Kirkman Road, Orlando, FL 32808  
 Florida Lime & Avocado Admin. Committee, Attn: Shirley J. Manchester, P. O. Box 188, Homestead, FL 33090-0188  
 Florida Turf Grass Association, 302 Graham Ave., S., Orlando, FL 32803  
 Fluck, Richard C., U. of Fla., IFAS-Agric. Eng., 71 Frazer-Rogers Hall, Gainesville, FL 32611  
 Fooshee, W. Chris, 2312 Wekiva Ridge Road, Apopka, FL 32712  
 Foote, Mary C., P. O. Box 1760, Homestead, FL 33090  
 \*Ford, Harry W., 350 E. Orange St., Lake Alfred, FL 33850  
 Forget, Louis C., Diamond R Fertilizer Company, P. O. Box 12489, Fort Pierce, FL 34979  
 Forget, Phil, Diamond R Fertilizer Company, 3125 Gordy Road, Fort Pierce, FL 34945  
 Fosman, Nora, 7550 Stirling Road, #302C, Hollywood, FL 33024  
 Foster, William J., 16812 Woburn Lane, Lutz, FL 33549  
 Fowler, C. Wayne, Asgrow Seed Company, 8200 David Brown Highway, Naples, FL 33999  
 Fox, Kenneth, FMC Corp., P. O. Box 1708, Lakeland, FL 33802  
 Frantz, Galen, Glades Crop Care, Inc., 949 Turner Quay, Jupiter, FL 33458  
 Frasier, Marshall, Kaiser/Estech, 3540 Pine Tree Loop, Haines City, FL 33844  
 Fredrick, John M., Atlantic Fertilizer & Chemical Co., 18375 S.W. 260 Street, Homestead, FL 33031  
 Freeman, Robert H., P. H. Freeman & Sons, Inc., P. O. Box 770535, Winter Garden, FL 34777  
 Friedlander, Edwin, P. O. Box 272, Lake Wales, FL 33859  
 Frostproof Growers Supply, 512 North Scenic Highway, Frostproof, FL 33843  
 Fuller, Keith, U. of Fla., IFAS, 3125 Ag Center Drive, St. Augustine, FL 32092  
 Fuller, Sam, 6101 W. Stafford Road, Plant City, FL 33566  
 Fulton, Robert H., 9877 N.W. 49th Terrace, Miami, FL 33178  
 Fulton, W. C., Werner C. Fulton, Inc., P. O. Box 98, Alturas, FL 33820  
 Futch, Stephen H., U. of Fla., IFAS-CREC, P. O. Box 553, Winter Haven, FL 33882  
 Ga. Ag. Chem., Inc. 38304 Coconut Palm Drive, Suite #170, Tampa, FL 33619  
 Gainey, Dennis C., Route 2, Box 333, Williston, SC 29853  
 Gamper, W. A., Haines City Citrus Growers Assn., P. O. Box 337, Haines City, FL 33844  
 Gann's Tropical Greenery, 22140 S.W. 152nd Ave., Goulds, FL 33170  
 Garden Department, Southern Living Magazine, P. O. Box 523, Birmingham, AL 35201  
 Garner, Patricia S., 3229 Meadow Run Dr., Venice, FL 33595  
 Garnsey, Stephen M., U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803  
 Garrett, David, Lake Trafford Grove, P. O. Box 1304, Bradenton, FL 34206  
 Garrett, Sharon, P. O. Box 1332, Haines City, FL 33844  
 Gaskalla, Richard D., Division of Plant Industry, P. O. Box 1269, Gainesville, FL 32602  
 Gaskell, Mark, Chestnut Hill Farms, 1500 Port Boulevard, Miami, FL 33132  
 Gates, Philip C., Jr., P. O. Box 609, Fort Pierce, FL 34954  
 Gaver, Tim, Diamond R Fertilizer, 4100 Glades Road, Fort Pierce, FL 34981  
 Gay, Murray F., Growers Fertilizer Corp., P. O. Box 1407, Lake Alfred, FL 33850  
 Geiger, Russell A., 2747 Colonial Boulevard, #106, Fort Myers, FL 33907  
 Geraldson, C. M., 5007 - 60th Street, East, Bradenton, FL 34203  
 Gerber, John F., 3825 S.W. 4th Place, Gainesville, FL 32607  
 Gianessi, Leonardo, 1616 P Street, N.W., Washington, DC 20036  
 Gibb, William H., Jr., Gibb Groves, 12834 Sunset Avenue, Clermont, FL 32711  
 Giblin-Davis, Robin M., U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314  
 Gilman, Edward F., U. of Fla., IFAS, 1543 Fifield Hall, Gainesville, FL 32611  
 Gilreath, James P., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203  
 Gilreath, Phyllis R., Manatee County Extension Service, 1303 - 17th St., W., Palmetto, FL 34221  
 Giraldo, Louis E., 7525 S.W. 56th Ave., Miami, FL 33143  
 Glenn, Raymond D., Matthew's Nursery, 12100 S.W. 43rd Street, Miami, FL 33175  
 Goff, K. J., 1817 S. Highland Park Drive, Lake Wales, FL 33853  
 Golden Grove, Inc., 1181 Keane Avenue, Naples, FL 33964-4229  
 \*Goldweber, Seymour, 7900 S.W. 126th Terrace, Miami, FL 33156  
 Gomez, Ana Maria, U. of Fla., IFAS, 3205 S.W. College Avenue, Fort Lauderdale, FL 33314  
 Good, Scott, 381 S.W. 67th Terrace, Pembroke Pines, FL 33023  
 Goodwin, Peter L., Verlite Company, P. O. Box 1002, Apopka, FL 32704  
 Goodwine, William R., Janssen Pharmaceutica, Inc., 40 Kingsbridge Road, Piscataway, NJ 08854  
 Gordon, J. D., 24550 S.W. 188th Ave., Homestead, FL 33031  
 Gose, John H., Jr., Lykes Citrus Management Division, 108 Tom's Road, Lorida, FL 33857  
 Gottwald, Tim R., U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803  
 Gouda, Michael, 925 Bahia Mar Road, Vero Beach, FL 32963  
 Gough, John Roy, U.A.P. Fla., Inc., P. O. Box 1890, Wauchula, FL 33873  
 Gowland, Jan E., Coca-Cola Foods, P. O. Box 128, Indiantown, FL 34956  
 Graham, Chris, Tropicana Products, Inc., 1001 - 13th Avenue, E., Bradenton, FL 34208  
 Graham, James H., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850  
 Gramling, Hugh M., 3402 S. Redman Parkway, Plant City, FL 33566  
 Grant, Lucie A., American Machinery Corp., P. O. Box 3228, Orlando, FL 32802  
 Graves, Hubert, Jr., 4575 Rosedale Road, Vero Beach, FL 32966  
 Graves, William C. IV, 4344 Second Square, S.W., Vero Beach, FL 32962  
 Green Heron Landscapes, Inc., 150 Erie Drive, Naples, FL 33942  
 Green, James L., Department of Horticulture, Oregon State University, Corvallis, OR 97331  
 Green, Joan, Green's Gourmet Groves, 10905 S.W. 119 Street, Miami FL 33176  
 Greene, B. E., Jr., 2075 - 38th Ave., Vero Beach, FL 32960  
 Greer, Bruce, 5900 S.W. 97th Street, Miami, FL 33156  
 Gricius, Anthony, 6705 Broken Arrow Trail, S., Lakeland, FL 33803  
 \*Grierson, William, 18 Golf View Circle, Winter Haven, FL 33881  
 Griffith, John, Florida Southern College, 111 Lake Hollingsworth Drive, Lakeland, FL 33801  
 Griffith, Donald M., Royal Palm Citrus Management, Inc., P. O. Box 1057, Loxahatchee, FL 33470-1057  
 Griffith, Keith, Uniroyal Chemical, 6233 Ridgeberry Dr., Orlando, FL 32819  
 Griffith, Lynn, A & L Southern Agricultural Labs., 1301 W. Copans Road, Building D-8, Pompano Beach, FL 33064  
 Griffith, Morris S., 11151 - 81st Court, North, Lake Park, FL 33412  
 Griffith, R. J., P. O. Box 335, Oakland, FL 34760  
 Griffiths, J. T., 2930 Winter Lake Road, Lakeland, FL 33801  
 Gross, Emil R., 15901 S.W. 157th Ave., Miami, FL 33187  
 Grosser, Jude, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850  
 Gruber, Donna, 85 N.W. 104th Street, Miami Shores, FL 33150  
 Gruenbeck, Eugene R., Red Oak Nursery, 14195 N.E. City Road 315, Ft. McCoy, FL 32134  
 Guerndt, Charles W., Orange Enterprises, Inc., 2701 Lake Damon Road, Avon Park, FL 33825  
 Guerndt, Fred, Orange Enterprises, Inc., 2701 Lake Damon Road, Avon Park, FL 33825  
 Guilford, Harold E., Citrus & Agricultural Consultant, 521 Bonnie Dr., Lakeland, FL 33803-2005  
 Gulf Citrus Properties, Inc., P. O. Box 51-2116, Punta Gorda, FL 33951-2116  
 Guzman, Juan A., P. O. Box 52-68728, Miami, FL 33152  
 \*Guzman, Victor L., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430  
 Gwin, George H., 1211 Wren, Miami Springs, FL 33166  
 H. P. Leu Botanical Gardens, 1730 N. Forest Ave., Orlando, FL 32803  
 Hackmann, Michael, Yoder Brothers of Florida, P. O. Box 68, Alva, FL 33920  
 Haddox, Jackson A., 706 Tangerine Street, Tavares, FL 32778  
 Haeger, James S., 1865 Garden Grove Parkway, Vero Beach, FL 32962  
 Haehle, Robert G., 315 S.W. 19th Ave., Fort Lauderdale, FL 33312  
 Hagillih, Daniel A., 930 Willowleaf Drive, #407, San Jose, CA 95128-3672  
 Haines City Citrus Growers Assn., P. O. Box 337, Haines City, FL 33844  
 Hale, Charles W., MH Liners, 12860 Thonotosassa Road, Dover, FL 33527  
 Hale, Roger H., Superior Fertilizer & Chemical Co., P. O. Box 776, Anna Maria, FL 33501  
 Hall, C. B., U. of Fla., IFAS-Vegetable Crops, Gainesville, FL 32611  
 Hall, David G., U. S. Sugar Corp., 1200 Pinewood St., Clewiston, FL 33440  
 Hall, William Garvie, Citrus Partners, 3824 S. Florida Ave., Lakeland, FL 33803  
 Hallaron, Jay L., Uniroyal Chemical, 6216 Indian Meadow Street, Orlando, FL 32819-4943  
 Hallman, Guy J., U. S. Department of Agriculture, 13601 Old Cutler Road, Miami, FL 33158  
 Hammer, Lisa C., P. O. Box 1551, Homestead, FL 33090  
 Hammond, Luther C., U. of Fla., IFAS, 2169 McCarty Hall, Gainesville, FL 32611  
 Hancock, Jeff, Turner Foods Corp., 25450 Airport Road, Punta Gorda, FL 33950  
 Hancock, Kevin, Diamond R Fertilizer Co., 606 Dark Hammock Road, Fort Pierce, FL 34982  
 Hancock, Steven, Citrus Partners, Ltd., 1525 S.E. Piggyback Road, Arcadia, FL 33821  
 Hancock, Wayne, Diamond R Fertilizer, P. O. Box 12489, Fort Pierce, FL 34979-2489  
 Hanna, H. Y., LSU Red River Research Station, P. O. Box 8550, Bossier City, LA 71113-8550  
 Hansen, James D., U. S. Department of Agriculture, 13601 Old Cutler Road, Miami, FL 33158  
 Harbaugh, Brent K., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203  
 Hardison, Allen, Citrus Orchard Service, P. O. Box 217, Corona, CA 91720  
 Hargraves, Bill, Vindicator, Inc., 1801 Thonotosassa Road, Plant City, FL 33566

- Harowitz, Michael, Griffin Ag Products, 890 S.E. Walters Terrace, Port St. Lucie, FL 33452
- Harrell, James, Division of Forestry, 3125 Conner Boulevard, Tallahassee, FL 32399-1650
- Harris, John A., Sunbelt Landscape Management, 7725 N.W. 72nd Avenue, Medley, FL 33166
- Harris, William E., Gracewood, Inc., 5335 - 8th St., Vero Beach, FL 32968
- Harrison, Dalton S., 300 S.W. 41st St., Gainesville, FL 32607
- Harrison, Gerald, ISK Biotech Corp., P. O. Box 70665, Albany, GA 31707
- Hart, Thomas E., 2047 Ryan Way, Winter Haven, FL 33884
- Hartle, Benson, Hartle Groves, Inc. 13642 Hartle Road, Clermont, FL 34711
- Hartt, William G., P. O. Box 2196, Lake Placid, FL 33852
- Harvin, Dick, Douglass Fertilizer & Chemical, Inc., 104 East Gibson Street, Arcadia, FL 33821
- Hassett, Betty, 2018 East Discovery Circle, Deerfield Beach, FL 33064
- \*Hatton, Thurman T., Jr., P. O. Box 68, Chuluota, FL 32766
- Hawkins, C. Wayne, Florida Tomato Committee, P. O. Box 140635, Orlando, FL 32814-0635
- Hawthorne, Stan, 12502 Lake Buynak Court, Windermere, FL 34786
- Hayes, C. J., Florida Atlantic Grove Service, Inc., P. O. Box 6280, Vero Beach, FL 32961
- Hayes, Dale L., Nelson & Co., Inc., P. O. Box 789, Oviedo, FL 32765-0789
- \*Hayslip, Norman C., U. of Fla., IFAS-AREC, P. O. Box 248, Fort Pierce, FL 33450
- Hayslip, Norman E., 6147 S. U.S. #1, Fort Pierce, FL 33482
- Hearn, C. Jack, U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803
- Hebb, Jack, St. Lucie County Agric. Complex, 8400 Picos Road, Suite 101, Fort Pierce, FL 34945
- Hebb, Leon H., Division of Plant Industry, 890 S. Oak Ave., Bartow, FL 33830
- Hebert, Susanne Rice, 3038 Sandpiper Court, Clearwater, FL 34622
- Hendrix, Charles M., Firmenich/Clermont Office, P. O. Box 120626, Clermont, FL 34712-0626
- Hendry, A. E., P. O. Box 2298, Lake Placid, FL 33852
- Henley, Richard W., 690 Camellia Street, Mount Dora, FL 32757
- Henny, Richard J., U. of Fla., IFAS-CFREC, 2807 Binion Road, Apopka, FL 32703
- Hensel, Dale R., U. of Fla., IFAS-AREC, P. O. Box 728, Hastings, FL 32045
- Hepburn, P. L., 1467 N. Leavitt Ave., Orange City, FL 32763
- Hepperly, Paul R., 558 Las Caiseas, Mayaguez, PR 00680
- Hernandez, Rogelio, 7791 Esmeralda Way, #204, Naples, FL 33942-1788
- Herrera, Mike, 24350 S.W. 182nd Avenue, Homestead, FL 33031-1236
- Herrington, J. Michael, Griffin Corp., 4105 Shoal Green Court, Winter Haven, FL 33884
- Hester, W. W., Jr., Hester Groves, 8001 Eureka Dr., Miami, FL 33157
- Hewitt, Timothy D., U. of Fla., IFAS-NFREC, 3925 Highway 71, Marianna, FL 32446
- Hey, John R., Lake Region Packing Association, P. O. Box 1047, Tavares, FL 32778
- Highland, Brett, Merck & Co., Inc., 240 San Marco Drive, Venice, FL 34285
- Himborg, James D., 18500 S.W. 134th Avenue, Miami, FL 33177
- Hitchcock, David, Haines City Citrus Growers Assn., P. O. Box 337, Haines City, FL 33844
- Hochmuth, Bob, U. of Fla., IFAS-AREC, Route 2, Box 2181, Live Oak, FL 32060
- Hochmuth, George J., U. of Fla., IFAS-Vegetable Crops, 1255 Fifield Hall, Gainesville, FL 32611
- Hodgin, Steve, Freedom Village, 6501 - 17th Avenue, West, Bradenton, FL 34209
- Hodyss, Loretta B., 559 N. Military Trail, West Palm Beach FL 33415
- Hogan, Joan B., Diamond R Fertilizer Company, 321 N. Hennis Rd., Winter Garden, FL 34777
- Holcomb, Edgar D., Jr., U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934
- Holland, Mariann, The Citrus Industry Magazine, 405 East Summerlin Street, Bartow, FL 33830
- Holtsberg, Harold I., 805 S. Indian River Dr., Fort Pierce, FL 34950
- Hooker, Henry F. III, Abel Groves, 600 South Parrott, Okechobee, FL 34974
- Hopkins, Donald L., U. of Fla., IFAS-CFREC, 5336 University Ave., Leesburg, FL 34748
- Hopkins, William L., Jr., 5200 S.W. 160th Ave., Fort Lauderdale, FL 33331
- Horne, Lynn D., Ben Hill Griffin, Inc., 1500 Old Eagle Lake Road, Bartow, FL 33830
- Horrom, Neal, The Berry Companies, Inc., P. O. Box 459, LaBelle, FL 33935
- Horst, Ray, Sinnet, Inc., 3 Skidmore Road, Winter Haven, FL 33884
- Horton, Benjamin A., P. O. Box 2498, Fort Pierce, FL 34954
- Houck, L. G., U. S. Dept. of Agric.-ARS, 2021 S. Peach Ave., Fresno, CA 93727
- Hovey, T. R. Nursery, P. O. Box 716, Ruskin, FL 33570
- Howe, Teresa K., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Hoyt, C. Way, Tree Trimmers & Associates, Inc., 4301 N.E. 13th Terrace, Fort Lauderdale, FL 33334
- Huff, Paul B., 12 Easy St., Lake Wales, FL 33853
- Huffman, Jerry, 407 Pameto Road, Nokomis, FL 34275
- Hughes, Larry, Professional Turf Managers, Inc., P. O. Box 549, Lady Lake, FL 32159
- Huie, Stephen C., P. O. Box 275, Haines City, FL 33845
- Hulbert, Jerry C., Valent USA Corp., 407 Wekiva Springs Road, Longwood, FL 32779
- Hulgrim, John C., 2025 Sylvester Road, L1 Lakeland, FL 33801
- Hull, DeArmand L., Florida Cooperative Extension Service, 18710 S.W. 288 St., Homestead, FL 33030
- Humphrys, Brooks, P. O. Box 540215, Merritt Island, FL 32954
- Hunt, Frank M. III, P. O. Box 631, Lake Wales, FL 33853
- Hunt, W. Dee, P. O. Box 631, Lake Wales, FL 33853
- Hunter, Arvel H., Agro Services International, Inc. P. O. Box 667, Orange City, FL 32763
- Hurner, G. Timothy, Jr., Florida Cooperative Extension Service, 4509 W. George Blvd., Sebring, FL 33870
- Husted, John C., Waverly Growers Cooperative, 242 Kilmer Lane, S.E., Winter Haven, FL 33884
- Hutchinson, Carol, 1202 Lakeview Drive, Avon Park, FL 33825
- Hutchinson, William F., III, Hutchinson Citrus Nursery, 211 HCN Dr., Sebring, FL 33870
- Ibarra, Julian, 9300 S.W. 80th Terrace, Miami, FL 33173
- ICI Americas, Inc., 3483 Satellite Boulevard, #210, Duluth, GA 30136-5800
- Irey, Michael S., U. S. Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440
- Ismail, Mohamed A., Florida Department of Citrus, 700 Experiment Station Road, Lake Alfred, FL 33850
- J. Wayne Zoffay Grove Service, P. O. Box 535, Frostproof, FL 33843
- Jackson, Jody, 293 Landings Road, Melbourne Beach, FL 32951-3448
- Jackson, John L., Jr., 36545 East Eldorado Lake Drive, Eustis, FL 32726
- Jackson, Keith A., C-1, 2370 - 41st Street, S.W., Naples, FL 33999
- Jackson, Larry K., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Jackson, Mary Lou, 5618 N.W. 49th Avenue, Tamarac, FL 33319-2808
- Jacobs, William C., 4505 Sunset Dr., Vero Beach, FL 32963
- Jansson, Rick, U. of Fla., IFAS-TREC, 18905 S.W. 280th Street, Homestead, FL 33031
- Jaramillo, Arcesio, Rohm and Haas Company, 2600 Douglas Road, Suite 1100, Coral Gables, FL 33134
- Jerkins, Tom, Dole Citrus, P. O. Box 1120, Vero Beach, FL 32961-1120
- Johnson, H. L., Jr., Stoller Chemical Company of Fla., P. O. Box 1227, Eustis, FL 32727
- Johnson, Jon R., Sandhill Research & Education Center, P. O. Box 23205, Columbia, SC 29224
- Johnson, R. S., 4501 Wilkinson Road, Sarasota, FL 34233
- Johnson, Richard H., P. O. Box 850, Immokalee, FL 33934
- Johnson, Robert R., Agricultural Consulting, Inc., P. O. Box 867, Mount Dora, FL 32757
- Johnson, Sherwood J., 8410 Immokalee Road, Fort Pierce, FL 33451
- Johnson, Teiko M., FMC Corp., P. O. Box 1708, Lakeland, FL 33802
- Johnston, Diane L., U. of Fla., IFAS-REC 3205 College Avenue, Fort Lauderdale, FL 33314
- Johnston, Jeffrey B., E. O. Painter Printing Company, P. O. Box 877, DeLeon Springs, FL 32130
- Johnston, S. Dick, E. O. Painter Printing Company, P. O. Box 877, DeLeon Springs, FL 32130
- Jones, Gaston C., Callery-Judge Grove, 170 Chilean Avenue, D-3, Palm Beach, FL 33480
- Jones, Harold C., 1010 N. McDuff Ave., Jacksonville, FL 32205
- Jones, Jeffrey B., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Jones, John Paul, U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Joyner, Gene, Florida Cooperative Extension Service, 531 N. Military Trail, West Palm Beach, FL 33415
- Judd, Frank K., Deseret Ranches, 13754 Deseret Lane, St. Cloud, FL 34773
- Kader, Adel A., Dept. of Pomology, U. of Calif., Davis, CA 95616
- Kammerer, Steven J., P. O. Box 56871, Jacksonville, FL 32258
- Kane, Michael E., U. of Fla., IFAS, Ornamental Hort. Dept., Gainesville, FL 32611
- Karst, Loyd L., 2301 S. Summerlin Ave., Orlando, FL 32806
- Katz, Sue, 9300 S.W. 132nd Street, Miami, FL 33176-5742
- Kavouras, Lou, 6035 Forest Creek Dr., Brooksville, FL 34601
- Kawchak, James, Allegheny Mountain Orchards, R.D. 1, Box 243-B, Berlin, PA 15530
- Kay, Ed, Seald-Sweet Growers, Inc., P. O. Box 6152, Vero Beach, FL 32961-6152
- Kazen, Cornelius, Route 2, Box 249, Wauchula, FL 33873
- Keck, Leland E., Jr., 510 West Seminole Avenue, Eustis, FL 32726
- Kelley, Perry, 5078 S.W. Greenridge St., Palm City, FL 33490
- Kelly, Judith L., Aeroglide Corp., 100 Aeroglide Drive, Cary, NC 27511
- Kendall, Harold E., South Florida Growers Assn., P. O. Box 458, Goulds, FL 33170
- Kender, Walter J., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Kennedy, Gary, Ciba-Geigy, 6974 Edgeworth Dr., Orlando, FL 32819
- Kennedy, John M., Golden Gen Growers, Inc., P. O. Drawer 9, Umatilla, FL 32784
- Kennedy, Peggy, P. O. Box 561591, Miami, FL 33256-1591
- Kerr, Robert S., Holly Hill Fruit Products Co., Inc., P. O. Box 708, Davenport, FL 33837
- Keys, Daniel B., City of Miami Beach, 2100 Meridian Avenue, Miami Beach, FL 33139
- Kidder, Gerald, U. of Fla., IFAS, 2169 McCarty Hall, Gainesville, FL 32611-0151
- Kilgore, Jack E. II, 8375 Grove Road, Fort Myers, FL 33912
- Kimball, Dan A., California Citrus Producers, Inc., P. O. Box C, Lindsay, CA 93247
- King Groves, 606 Ave. H, N.E., Winter Haven, FL 33881
- King, Jimmie R., 13304 S.W. 73rd Terrace, Miami, FL 33183
- King, John S., Biosys, Inc., 4503 N.E. Skyline Drive, Jensen Beach, FL 34957-3856
- King, Paul A., Uniroyal Chemical, 3601 E. Celery Ave., Sanford, FL 32771
- Kirby, Stanley, International Citrus Corp., 6375 - 37th Street, Vero Beach, FL 32966
- Kirschner, Henry, Highway 660, Route 4, Box 980, Arcadia, FL 33821
- Kirwin, Koby, 3010 Tall Timber Drive, Orlando, FL 32812
- Klemm, A. R., Ark Industries, Inc., P. O. Box 9085, Winter Haven, FL 33883



Klinger, Paul E., Jr., Garden Arts Nursery, Inc., 1921 West Lake Brantley Road, Longwood, FL 32779

Knapp, Joe, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

Knauss, James F., Peters Fertilizer Company, 6656 Grant Way, Allentown, PA 18106-9316

Knerr, Larry D., Ferry-Morse Seed Co., 1570 County Road 951, North Naples, FL 33999

Knight, C. Reed, Knight Grove Care, Inc., P. O. Box 6310, Vero Beach, FL 32970

Knight, D. Victor, Riverfront Groves, P. O. Box 1148, Vero Beach, FL 32961

Knight, Robert J., Jr., U. S. Department of Agriculture, 13601 Old Cutler Road, Miami, FL 33158-1399

Knox, Gary W., U. of Fla., IFAS-AREC, Route 4, Box 4092, Monticello, FL 32344-9302

Koch, Karen E., U. of Fla., IFAS-Fruit Crops, Fifield Hall, Gainesville, FL 32611

Koch, Mary Ann, 6760 Sara-Sea Circle, Sarasota, FL 34242

\*Koo, Robert C. J., 2223 - 12th Street, N.W., Winter Haven, FL 33881

\*Krome, William H., P. O. Box 596, Homestead, FL 33090

Kucharek, T. A., U. of Fla., IFAS-Plant Pathology, 1421 Fifield Hall, Gainesville, FL 32611

Kyle, Melvin L., Rhone-Poulenc Ag Company, P. O. Box 916385, Longwood, FL 32791

Lackey, Dan, Bronsons Partnership, P. O. Box 420879, Kissimmee, FL 34742

Lake Butler Groves, Inc., P. O. Box 338, Winter Garden, FL 32787

Lake Garfield Nurseries Company, P. O. Box 154, Bartow, FL 33830

Lambe, R. C., P. O. Box 1167, Sanibel, FL 33957

Lamberts, Mary, Dade Co. Cooperative Extension Service, 18710 S.W. 288th St., Homestead, FL 33030

Lambeth, Clay T., Jr., Atochem North America, Inc., P. O. Box 1347, Palm City, FL 33490

Lambeth, George S., Jr., Golden River Fruit Company, P. O. Box S, Vero Beach, FL 32960

Landrum, Linda B., Volusia Co. Extension Service, 3100 East S.R. 44, Deland, FL 32724

Langford, John S., John Langford, Inc., P. O. Box 67, Alturas, FL 33820

Lara, Sosonte Pablo, 18550 S.W. 202nd Street, Miami, FL 33187

Larson, Kirk D., Univ. of Calif., Davis, 7601 Irvine Boulevard, Irvine, CA 92718

LaSota, E. D. 9724 S.W. 126th Terrace, Miami, FL 33176

Laube, Brian C., FMC Corp., 4 Concourse Parkway, Suite 170, Atlanta, GA 30328

Lawson, Joseph T., 3709 Brooklyn Lane, Lake Worth, FL 33461

Le, Ton da, 9331 N.W. 20th Street, Pembroke Pines, FL 33024

Lea-Cox, John D., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

Lee, B. W., 393 N. Ashwood Ave., Ventura, CA 93003

Lee, Dani, St. Lucie Co. Coop. Extension Service, 8400 Picos Road, Suite 101, Fort Pierce, FL 34945

Lee, Leland W., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

Lee, Margaret J., 12425 S.W. 209th St., Miami, FL 33177

Lee, Orie N., 5005 Lillian Lee Road, St. Cloud, FL 34771

Lee, Richard F., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

Lee, Ronald C., 3404 Plymouth Sorrento Road, Apopka, FL 32712

Lehman, Greg, Ronelle Groves, 4612 E. Bloomingdale Avenue, Valrico, FL 33594

Lehman, Ronald H., O-B-A Ronelle Groves, 4616 E. Bloomingdale Ave., Valrico, FL 33594

Leibovit, Arthur B., 232 A Royal Palm Way, Palm Beach, FL 33480

Leong, Stephen, Florida A & M University, Center for Vit. Science, Tallahassee, FL 32307

Leskovar, Daniel, Texas Agricultural Experiment Station, 1619 Garner Field Road, Uvalde, TX 78801

Lewis, Kenneth R., Rhone-Poulenc Ag. Company, 3755 CR 210, W., Lot D, Jacksonville, FL 32259

Lilyquist, Floyd, 3812 Palazzo Street, Sebring, FL 33872-2221

Lindenberg, Linda B., Dow-Elanco, 130 Rita Blvd., S. Melbourne Beach, FL 32951

Lindsey, Ralph J., Florida-Atlantic Grove Service, Inc., P. O. Box 6280, Vero Beach, FL 32962

Lindsey, Tom, Becker Groves, Inc., P. O. Box 1240, Fort Pierce, FL 34954

Lingle, Jason G., Douglass Fertilizer & Chemical, Inc., 430 Chamberlain Boulevard, Fort Pierce, FL 34946

Litvany, William M., 515 Jennifer Lane, Windermere, FL 32786

Lizotte, Pauline A., U. S. Department of Agriculture, P. O. Box 1909, Winter Haven, FL 33883-1909

Lloyd, Calvin P. III, Cooperative Producers, Inc., P. O. Box 247, Felda, FL 33930

Locascio, Sal J., U. of Fla., IFAS-Vegetable Crops, 1233 Fifield Hall, Gainesville, FL 32611

Lockhart, Jerry Michael, Everglades Celery Corp., P. O. Box H, Loxahatchee, FL 33470

Logan, P. A., The Procter & Gamble Company, Winton Hill Tech. Lib., 6090 Center Hill Road, Cincinnati, OH 45224

Loukonen, Everett, Barron-Collier Co., 1320 North 15th Street, Immokalee, FL 33934

Lounds, Ed, Stroller of Florida, 1491 S. Brocksmitth Road, Fort Pierce, FL 34945

Louzada, Eliezer Silva, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

Luther, Jerre, Gracewood, Inc., P. O. Box 567, Fort Pierce, FL 34954

Luther, John M., Gracewood, Inc., P. O. Box 370, Vero Beach, FL 32961

Lye, Ben-Huai, Ecogen, Inc., 2005 Cabot Boulevard, West, Langhorne, PA 19047

Lykes Agri Sales, Inc., P. O. Box 1758, Dade City, FL 33526

*Proc. Fla. State Hort. Soc.* 104: 1991.

Lynn, Holly P., 1304 Grayson Drive, Orlando, FL 32825

Lyrene, Paul, U. of Fla., IFAS-Fruit Crops, 1137 Fifield Hall, Gainesville, FL 32611

Mabry, Jean E., Pesticides of Florida, Inc. 1248 Sunset Ave., Lakeland, FL 33801

MacCubbin, Thomas, 2350 E. Michigan St., Orlando, FL 32806

Machata, A. Michael, Kissimmee Valley Farm Management, Inc., P. O. Box 209, Lake Wales, FL 33859

Machek, Robert C., 1008 Sanders Drive, Moraga, CA 94556

Maddox, S. Kay, P. O. Box 507, Lake Alfred, FL 33850-0507

\*Magie, Robert O., Freedom Village W403, 6501 - 17th Ave., Bradenton, FL 34209

Mahdeem, Har, Zill High Performance Plants, 6803 South 107th Place, Boynton Beach, FL 33437

Manley, Kent, Manley Farms, 5307-B Shirley St., Naples, FL 33942

Manners, Malcolm, Florida Southern College, Citrus Institute, 111 Lake Hollingsworth Dr., Lakeland, FL 33801

Manuel, William H., TreeSource, P. O. Box 727, Dundee, FL 33838

Marler, Thomas E., College of Agriculture, UOG Station, Mangilao, Guam 96923

Marotti, Gene, Ridge Citrus Corp., 1304 Mirror Terrace, N.W., Winter Haven, FL 33881-2350

Marotti, Lew, 4001 North Edgewater Circle, LaBelle, FL 33935-5424

Marquardt, Steve, P. O. Box 1185, Winter Haven, FL 33882-1185

Marshall, Richard S., 945 S. Beresford Road, DeLand, FL 32720-3514

Martich, Julio, Consorcio Agriodustrial Delta, S.A., 6679 Trail Ridge Drive, Lakeland, FL 33813

Martin, L. Conrad, Sunray Farms, 4101 SR 70 E, Lake Placid, FL 33852

Martinez, Ralph, 10741 S.W. 63rd Street, Miami, FL 33173

Martolf, J. David, 3541 N.W. 29th Place, Gainesville, FL 32605

Masanow, Peter, Sandhill Citrus Nursey, 302 Elkcam Blvd., Pt. Charlotte, FL 33921

Mathews, David W., P. O. Box 770128, Winter Garden, FL 34777

Mathews, William H., Winter Garden Citrus Growers Assn., 1009 Buena Vista Court, Orlando, FL 32818

\*Mathias, A. F., 352 W. Graham Park, Haines City, FL 33844

Matthews, Charles, Florida Fruit & Vegetable Assn., P. O. Box 140155, Orlando, FL 32814

Matthews, Richard F., U. of Fla., IFAS, 325 Food Science Building, Gainesville, FL 32611

Maurer, Michael, 1137 Fifield Hall, Gainesville, FL 32608-1329

Maust, Brian, 389-4 Maguire Village, Gainesville, FL 32603

Maxwell, Lewis S., Maxwell Publications, 6230 Travis Blvd., Tampa, FL 33610

Maxwell, Val, Natural Beauty of Florida, P. O. Box 2043, Apopka, FL 32704

Mayfield, Jim, P. O. Box 478, Lady Lake, FL 32159

Maynard, Donald N., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203

Mayo, Steven, Agrimar Corp., P. O. Box 2074, Fort Pierce, FL 34954

McAdams, Hal B., Jr., 540 - 61st Ave., Vero Beach, FL 32962

McAdams, Robert, Tilden Groves, P. O. Box 770128, Winter Garden, FL 34777

McClure, J. Peter, Becker Groves, P. O. Box 2254, Fort Pierce, FL 34954

McCollister, Jane, Atlantic Fertilizer & Chemical Company, 18375 S.W. 260th Street, Homestead, FL 33031

McCollough, Floyd, FMC Corp., 109 Julie Lane, Brandon, FL 33511

McCollum, Greg, USDA/ARS, 2120 Camden Road, Orlando, FL 32803

McConnell, Dennis B., U. of Fla., IFAS-Ornamental Hort., 1541 Fifield Hall, Gainesville, FL 32611

McCormick, Grant, 111412 Bay Street, N.E., St. Petersburg, FL 33716

\*McCornack, A. A., 1175 - 13th St., N.W., Winter Haven, FL 33881

McCoy, Clayton W., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850

McCoy, Paul, American Minerals, Inc., P. O. Drawer 2005, Dunedin, FL 33528

McCray, Mabry, U. S. Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440

McCullough, Darrell, Smoak Groves, Inc., 1025 C.R. 17, North, Lake Placid, FL 33852

McDonald, Roy, U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803

McGovern, Bob, U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934

McGuire, John F., U. S. Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440

McKinley, Malcolm, Jr., Highland Park Service Company, 211 S. Lake Starr, Lake Wales, FL 33853

McKown, Bobby, Florida Citrus Mutual, P. O. Box 89, Lakeland, FL 33802

McLean, David P. B., 325 Farmington Dr., Plantation, FL 33317

McLeod, Patti, City of Pembroke Pines, 10100 Pines Boulevard, Pembroke Pines, FL 33026

McManus, Bruce, 11691 S.W. 93rd St., Miami, FL 33176

McMillan, Cooper, Cooper McMillan Farms, 189005 S.W. 147th Avenue, Miami, FL 33187

McMillan, Robert T., Jr., U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031

McNay, Terence M., 2850 Sunstream Lane, Clearwater, FL 34619

McRitchie, John J., Division of Plant Industry, P. O. Box 1269, Gainesville, FL 32602

McSorley, Robert, U. of Fla., IFAS, Dept. of Entomology & Nematology, Building 970, Gainesville, FL 32611

McTeer, Harold B., duPont, 6 Edwards Shores, Haines City, FL 33844

McVey, George R., O. M. Scott & Sons, 14111 Scottslawn Road, Marysville, OH 43041

Meagher, Robert L., Jr., Texas Agricultural Experiment Station, 2415 East Highway 83, Weslaco, TX 78596

Mecklenburg, Roy A., Walt Disney World, Inc., P. O. Box 10000, Lake Buena Vista, FL 32830

Medley, Micheal A., 2639 Sherman Street, Hollywood, FL 33020-1948



- Meerow, Alan, U. of Fla., IFAS-REC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314
- Meier, Robert P., 4621 Longleaf Lane, Sarasota, FL 34241
- Meister, Charles W., U. of Fla., IFAS, Pesticide Research Lab., Gainesville, FL 32611-0531
- Melchert, Steven J., Agtrol Chemical Products, 7322 SW Freeway, Suite 1400, Houston, TX 77074
- Melli, Claude, FLM, Inc., 4602 Dogwood Hills Court, Brandon, FL 33511
- Mellinger, H. Charles, Glades Crop Care, Inc., 949 Turner Quay, Jupiter, FL 33458
- Melton, Frank M., 2835 Concord St., Sarasota, FL 34231
- Meola, Cheryl Ann, Apt. 107, 12295 S.W. 151st Street, Miami, FL 33186
- Meredith, Filmore, U. S. Department of Agriculture, P. O. Box 5677, Athens, GA 30604
- Merritt, John, Turner Foods Corp., P. O. Box 1581, Lake Placid, FL 33852
- Merskin, Kathleen, 523 West Oak, Arcadia, FL 33821
- Metzger, Howard E., 1248 South View Dr., Sarasota, FL 34242
- Metzger, Todd E., A. Duda & Sons, Inc., P. O. Box 1143, LaBelle, FL 33935
- Midcap, James T., Extension Horticulture Dept., University of Georgia, Athens, GA 30602
- Millaway, Bob, Wilson & George Meyer Company, 270 Lawrence Ave., S. San Francisco, CA 94080
- Miller, Betty, A. Duda & Sons, Inc., P. O. Box 257, Oviedo, FL 32765
- Miller, John W., Division of Plant Industry, P. O. Box 147100 Gainesville, FL 32614-7100
- \*Miller, Leon W., 4635 Hall Road, Orlando, FL 32817
- Miller, Michael B., Monroe Co. Extension Service, P. O. Box 2545, Key West, FL 33045
- Miller, Paul, 2324 S.W. 36th Terrace, Gainesville, FL 32607
- Miller, Randy, 5715 - 18th Avenue, East Bradenton, FL 34208
- Miller, William M., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Miller, William R., U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803
- Minton, O. R., Minton Sun, Inc., P. O. Box 670, Fort Pierce, FL 33454
- Minton, O. R., Jr., RM Cattle & Citrus/Seminole Groves, 1905 South 25th Street, Suite 204, Fort Pierce, FL 34947
- Mitcham, Beth, USDA/ARS, 2120 Camden Road, Orlando, FL 32803
- Mixon, Eugene A., 2908 - 26th Ave., E., Bradenton, FL 34208
- Mixon, Scott S., 2833 - 48th Way, E., Bradenton, FL 34203-3815
- Moherek, Emil A., AM-MO Consulting, Inc., 8134 Florida Boys Ranch Road, Groveland, FL 34736
- Montsdeoca, Fred Y., Dixie Lime Products Company, P. O. Box 2100, Ocala, FL 32671
- Moon, Scott O., P. O. Box 507, Lorida, FL 33857
- Moore, Kareen, 3206 Cleveland Street, Hollywood, FL 33021
- Morgenstern, Jayne H., The Rare Fruit & Vegetable Council, 408 N.E. 23rd Ave., Pompano Beach, FL 33062
- Morrell, Laurence, Morrell Grove Management, 221 Flame Ave., Maitland, FL 32751
- Morrison, Harry, Division of Plant Industry, 14348 Grand Highway, Clermont, FL 34711-2419
- Morrison, John J., River House, 531 Indian Harbor Road, Vero Beach, FL 32963
- Morse, Paul, Citrican Corp., 114 - 43rd Avenue, S.W., Vero Beach, FL 32962
- Mortensen, John A., 1603 W. Lancaster Ave., Leesburg, FL 34748
- \*Morton, Julia F., University of Miami, P. O. Box 248204, Coral Gables, FL 33124
- Moseley, Anne E., P. O. Box 315, Melrose, FL 32666
- Mossman, Ronald, Miami-Dade Community College, 15101 S.W., 89th Avenue, Miami, FL 33176
- Moyer, Patricia, 817 North Palmway, Lake Worth, FL 33460
- Moyroud, Richard, Gemini Botanical Garden, 2000 S. Ocean Blvd., Manalapan, FL 33462
- Mueller, Brian, Rhone-Poulenc, 5657 Lamay Drive, Stuart, FL 34997
- Mueller, Tom, CMC Farms, P. O. Box 400, Immokalee, FL 33934
- Muir, Robert, Diamond R Fertilizer, P. O. Box 2412, LaBelle, FL 33935
- Muraro, James A., Turner Foods Corp., P. O. Box 2158, Arcadia, FL 33821
- Muraro, Ronald P., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Murphy, Joe, Agra Chem Sales Company, P. O. Box 1356, Avon Park, FL 33825
- Murphy, Travis, Jr., River Country Citrus, P. O. Box 336, Indiantown, FL 33456
- Murphy, Wilton E., 8005 Walker Lake Road, Bartow, FL 33830
- Murrell, Sam E., Jr., Murrell Groves & Orchards, P. O. Box 1748, Orlando, FL 32802
- Mustard, Margaret, 1204 Placetas Ave., Coral Gables, FL 33146
- Muzyk, Kenneth R., American Cyanamid Company, 408 Larrie Ellen Way, Brandon, FL 33511
- Myer, Frank H., 1833 N. Lake Reedy Blvd., Frostproof, FL 33843
- Myers, Joseph A., 1679 Quail Dr., West Palm Beach, FL 33409
- Nagata, Russell T., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430-8003
- Nagy, Steven, Florida Department of Citrus, 700 Experiment Station Road, Lake Alfred, FL 33850
- Nanneman, Richard J., 3651 Sunset Boulevard, Naples, FL 33962
- Nanney, James C., P. O. Box 236, Terra Ceia, FL 34250
- Nanney, William E., 4201 S.W. 74th Avenue, Fort Lauderdale, FL 33314-3034
- Narki, Frank, Plant Science Associates, 4525 U.S. 27 North, Lake Wales, FL 33853
- Naugle Growers, P. O. Box 572, Plant City, FL 33564-0572
- Neitzke, Jack, C. J. Neitzke, Inc., P. O. Box 99, LaBelle, FL 33935
- Neitzke, Mark J., P. O. Box 1997, LaBelle, FL 33935
- Nelson, O. F. & Sons Nursery, Inc., 2300 S. Sheeler Road, Apopka, FL 32703
- Nelson, Roy O., Sabrosa Groves, Inc., 23705 S.W. 157th Ave., Homestead, FL 33031
- Nemec, Stanley, U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803
- Newcomb, Albert, 738 Glendale Avenue, Ashland, OR 97520
- Newcomer, Drew T., BASF Corp., P. O. Box 1699, Perry, GA 31069-1699
- Newlin, Jerry, Orange-co of Florida, Inc., Route 1, Box 889, Arcadia, FL 33821
- Newton, Roger, 5339 S. CR 579, Seffner, FL 33584
- Nguyen, Ru., 6625 N.W. 57th Way, Gainesville, FL 32606
- Nicole, E. Dane, Fresh Mark Chemical Corp., P. O. Box 1245, Maitland, FL 32751
- Nikdel, Seifollah, Florida Department of Citrus, 700 Experiment Station Road, Lake Alfred, FL 33850
- Nisperos-Carriedo, Myrna, U.S.D.A. Citrus & Subtropical Products Lab., P. O. Box 1909, Winter Haven, FL 33883
- Nitzani, Yoel, 2718 Cedarcrest Place, Valrico, FL 33594
- Nokomis Groves, 111 S. Albee Farms Road, Nokomis, FL 33555
- Norcini, Jeffrey G., U. of Fla., IFAS-AREC, Route 4, Box 4092, Monticello, FL 32344
- Nordby, Harold E., 804 Lake Jessie Drive, Winter Haven, FL 33881
- Nordmann, Thomas E., Ben J. Nordmann, Inc., P. O. Box 621, DeLand, FL 32720
- Norris, Charlie, Douglass Fertilizer & Chemical, Inc., Route 6, Box 985, Okeechobee, FL 34974
- Norris, John C., P. O. Box 1276, Palm City, FL 33990-1276
- \*Norris, Robert E., P. O. Box 2, Little Switzerland, NC 28749
- Norton, Joseph D., Auburn Univ., Dept. of Hort., 101 Funchess Hall, Auburn University, AL 36849-4201
- Nunez-Elisea, Roberto, U. of Fla., IFAS-TREC, 18905 S.W. 280th Street, Homestead, FL 33031
- O'Connell, Neil, 764 W. Herbert, Reedley, CA 93654
- O'Neal, Hubert R., Agtrol Chemical Products, 7322 S.W. Freeway, Suite 1400, Houston, TX 77074
- Obern, Charles, P. O. Box 6445, Delray Beach, FL 33484-6445
- Obreja, Thomas A., U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934
- Ogden, Mary Ann H., Abbott Labs., 5806 Regency Court, Gurnel, IL 60031
- Ogilby, John, Lake Trafford Grove, P. O. Box 1304, Bradenton, FL 34206
- Oglesby Nursery, Inc., Route 2, Box 16, Altha, FL 32421
- Ohlinger, Beth Wirt, Flying "O" Nursery, P. O. Box 147, Babson Park, FL 33827
- Olson, J. Roger, Coca-Cola Foods, P. O. Box 518, Fort Pierce, FL 34954
- Olson, Stephen M., U. of Fla., IFAS-NFREC, Route 3, Box 4370, Quincy, FL 32351
- Olszack, Reed, J. R. Brooks & Son, 19801 S.W. 318 St., Homestead, FL 33030
- Orman, Charles R., Sunkist Growers, Inc., P. O. Box 3720, Ontario, CA 91761
- Orsenigo, J. R., Sci-Agra, Inc., P. O. Box 1089, Belle Glade, FL 33430-1089
- Orth, Paul G., 25360 S.W. 182nd Avenue, Homestead, FL 33031
- Oswald, Cheryl, 12930 S.W. 189th Street, Miami, FL 33177
- Oswalt, T. W., Florida Cooperative Extension Service, 1702 Highway 17, S., Bartow, FL 33830
- \*Overman, Amegda J., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Ozaki, Henry, U. of Fla., IFAS-EREC, 498 E. Conference Dr., Boca Raton, FL 33486
- Pabor, Charles E., 521 Hillcrest Dr., S.E., Winter Haven, FL 33884
- Pacific Isle Nursery, Suite 1415, 745 Fort Street, Honolulu, HI 96813
- Pais, David, Gemini Botanical Gardens, 2000 South Ocean Boulevard, Manalapan, FL 33462
- Pandolph, Don, Pandolph Farms, P. O. Box 123, Osteen, FL 32764
- Parish, M. E., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Parnell, John R., City of St. Petersburg, 1635 3rd Ave., North, St. Petersburg, FL 33731
- Parrado, Jorge L., U. of Fla., IFAS, 9960 Bahia Dr., Miami, FL 33189
- Parsons, Ken, P. O. Box 5710, Riverside, CA 92517
- Parsons, Larry, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Parvin, P. E., P. O. Box 826, Kihei, Maui, HI 96753
- Pasley, Donna, 2236 - 109th Avenue, Tampa, FL 33612
- Patrick, M. C., W. R. Grace & Company, P. O. Box 1426, Lake Alfred, FL 33850
- Pattison, David H., 187 Inverness Road, Venice, FL 34292
- Paul, Bryan, P. O. Box 2274, LaBelle, FL 33935
- Paul, John R., Jr., P. O. Box 301, LaBelle, FL 33935
- Paul, Robert E., U. of Hawaii, Plant Molecular Physiology, 3190 Maile Way, Honolulu, HI 96822
- Paulson, John C., Mineral Research & Development Corp., 1210 Fox Run Drive, Charlotte, NC 28212
- Payne, Chris, Rhone-Poulenc, 8018 S.W. 42nd Avenue, Gainesville, FL 32608-3647
- Peace River Packing Company, P. O. Box 816, Fort Meade, FL 33841
- Pearson, E. J., Jr., Diamond R Fertilizer Company, 36 Tera Lane, S.W., Winter Haven, FL 33880
- Peebles, Woody, U. S. Sugar Corp., P. O. Drawer 1207, Clewiston, FL 33440
- Pehrson, John E., 22963 Carson Ave., Exeter, CA 93221
- Penoyar, Richard E., Dick's Citrus Tree Care, 142 Bermuda Way, North Port, FL 34287-3301
- Perkins, L. E., 1496 Corona Lane, Vero Beach, FL 32963
- Permar, Thomas A., Nokomis Corp., 632 Hermits Trail, Altamonte Springs, FL 32701
- Pernet, J. M., Roquette Corp., 1550 Northwestern Avenue, Gurnee, IL 60031-2392
- Petersen, Scott K., P. O. Box 47721, St. Petersburg, FL 33743

- Pfeiffer, Gaylon, BASF Corp., 14135 Stonegate Drive, Tampa, FL 33624
- Phelps, Cynthia A., 722 Springdale Road, Orlando, FL 32804-7129
- Phillips, Joel P., Jr., 450 Mallard Circle, Winter Park, FL 32789
- Phillips, Richard L., 356 N.W. Placid Avenue, Port St. Lucie, FL 34983
- Phillips, William J., 3901 S.W. Fifth Ave., Ocala, FL 32674
- Pike, Andrew B., Citrus Consultant, 105 - 15th Ave., Vero Beach, FL 32962-2723
- Pike, Richard S., Grower Pike Group, 4290 Fifth Street, S.W., Vero Beach, FL 32968
- Pilles, Mark C., 19 Massachusetts Road, Lehigh Acres, FL 33936
- Pinner, Raymond, Growers Fertilizer Corp., P. O. Box 1407, Lake Alfred, FL 33850
- Pixley, William C., P. O. Box 908, Zellwood, FL 32798
- Plants of Ruskin, Inc., 901 Fourth Street, N.W., Ruskin, FL 33570-3511
- Platts Groves, Inc., 2953 Seminole Road, Fort Pierce, FL 34951
- Ploetz, R. C., U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Poe, Leslie N., Florida Fresh Produce Exchange, P. O. Box 542, Belle Glade, FL 33430
- Polk Nursery Company, Inc., 890 Lake Myrtle Road, Auburndale, FL 33823-9317
- Pollard, Herb, Berry Citrus Products, Inc., P. O. Box 459, LaBelle, FL 33935
- Polston, Jane E., U. of Fla., IFAS-GCREC, 5007 - 60th Street, East, Bradenton, FL 34203
- Pons, Charles, 913 Tangelo Street, Brandon, FL 33510
- Poole, Hugh A., CoHort Associates, P. O. Box 1090, Trenton, FL 32693
- Poole, Richard T., U. of Fla., IFAS-CFREC, 2807 Binion Road, Apopka, FL 32703
- Poppell, Joe, Miller Chemical & Fertilizer Company, 406 E. Roseland Ave., Plant City, FL 33566
- Porpiglia, Peter J., Ciba-Geigy Corp., 7145 - 58th Avenue, Vero Beach, FL 32967
- Porter, James H., 28644 Highway 54, W., Zephyrhills, FL 34249
- Powell, Mary D., Indian River County Library, 1028 - 20th Place, Vero Beach, FL 32960
- Powers, Tom, 230 Woodcrest Drive, Fort Pierce, FL 34945
- Prange, Edwin, 6355 First Street, S.W., Vero Beach, FL 32968
- \*Pratt, J. B., 101 Fairway Drive, Haines City, FL 33844
- Preikschat, Robert A., Cuproquim Corp., 604 Amariyllis Drive, Barefoot Bay, FL 32976
- Pressley, Robert R., 1131 S. Lake Reedy Blvd., Frostproof, FL 33843
- Preston, Whiting H. II, Manatee Fruit Company, P. O. Box 128, Palmetto, FL 33561
- Prevatt, Rubert W., 2705 Collins Ave., Lakeland, FL 33803
- Price, Barry, Jack Berry Groves, P. O. Box 5609, Winter Haven, FL 33880
- Price, David, Bok Tower Gardens, P. O. Drawer 3810, Lake Wales, FL 33853
- Price, Ed H., Jr., P. O. Box 9270, Bradenton, FL 33506
- Price, James F., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Price, Karick, Jr., Inland Fruit Company, 2060 DeLeon Avenue, Vero Beach, FL 32960-4168
- Prokop, James, 26 Meadowcroft Lane, Greenwich, CT 06830
- Provost, Jeanette H., 4756 Cambridge St., West Palm Beach, FL 33463
- Pulling, John, Jr., The Fernery, 6500 Airport Road, W., Naples, FL 33942
- Purcifull, Dan E., U. of Fla., IFAS-Plant Pathology, Fifield Hall, Gainesville, FL 32611
- Purdy, L. H., 1519 N.W. 25th Terrace, Gainesville, FL 32605
- Purvis, Dwight E., 7344 Jog Road, Lake Worth, FL 33467
- Race, Joe B., Southern Citrus Nurseries, Inc., P. O. Box 970, Dundee, FL 33838
- Radnia, P. Matthew, Brogdex Company, 1441 West Second Street, Pomona, CA 91766
- Raid, Richard N., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Raley, William L., Dundee Citrus Growers Association, P. O. Box 1739, Dundee, FL 33838
- Raley, William L., Jr., Raley Groves, P. O. Box 1112, Winter Haven, FL 33882
- Randall, Wynn J., Becker Groves, Inc., P. O. Box 1240, Fort Pierce, FL 34954
- Rauth, Robert G., 5723 Sims Road, Delray Beach, FL 33445
- Read, Paul E., Department of Horticulture, University of Nebraska, Lincoln, NB 68583
- Reddish, Gregory D., 4217 Ilene Court, Orlando, FL 32806
- \*Reed, R. R., Tennessee Chemical Corp., 4201 Sylvan Ramble, Tampa, FL 33609
- Reese, Rand L., P. O. Box 2352, Lakeland, FL 33806
- Reese, Stanton L., Reese Groves, 3505 Bridgefield Drive Lakeland, FL 33803
- Rehberg, Bob, Estech Branded Fertilizers, Inc., P. O. Box 512, Winter Haven, FL 33882
- \*Reitz, Herman J., P. O. Box 1293, Lake Alfred, FL 33850
- Remick, M. Dean, A. Duda & Sons, P. O. Box 208, Belle Glade, FL 33430
- Renick, Peter T., 3319 Jon Jon Drive, Orlando, FL 32822
- Reuther, Walter, Dept. of Botany and Plant Science, University of California, Riverside, CA 92502
- Reyes, Trinidad, U. of Fla., IFAS-Environmental Hort., 1545 Fifield Hall, Gainesville, FL 32611
- Rigsby, Robert W., Rigsby Nursery, P. O. Box 50865, Fort Myers, FL 33905-0865
- Risse, Lawrence A., USDA-ARS, c/o American Embassy, APO New York, NY 09159
- Ritter, Steven, 18710 S.W. 288th Street, Homestead, FL 33030
- Robbins, William, Robbins Landscape Service, Inc., P. O. Box 7568, Fort Lauderdale, FL 33338
- Roberts, Mark S., 10143 Ramblewood Drive, Coral Springs, FL 33071
- Roberts, Paul, 5121 Westminster Drive, Fort Myers FL 33919
- Robertson, James A., USDA/ARS P. O. Box 5677, Athens, GA 30613
- Robinson Citrus, Inc., P. O. Box 125, Jupiter, FL 33468
- Robinson, M. Larue, Pinellas County Coop. Ext. Service, 12175 - 125th Street, North, Largo, FL 34644
- Robitaille, Henry A., The Land, EPCOT Center, P. O. Box 10,000, Lake Buena Vista, FL 32830
- Robnett, Richard W., 337 Okaloosa Drive, Winter Haven, FL 33884
- Roby, David A., #1724, One Tampa City Center, Tampa, FL 33602
- Rogers, Chris, P. O. Box 673, Arcadia, FL 33821-0673
- Rogers, J. Faye, 1845 - 46th Ave., Vero Beach, FL 32960
- Rojas, Myrna, 10197 N.W. 51st Lane, Miami, FL 33178
- Rollins, W. H., Rollins Grove Service, 37935 Phelps Road, Zephyrhills, FL 33541
- Roman, Sam, 10416 Bud Rhoden Road, Palmetto, FL 34221-9663
- Rood, Roy S., Rood Landscape Company, Inc., P. O. Box 3768, Tequesta, FL 33469-0768
- Rose, Andrew J., Jr., U. of Fla., IFAS-Citrus Co. Extension, 3600 S. Florida Ave., Inverness, FL 32650
- Rose, S. A., Florida Cooperative Extension Service, 3044 Knox McRae Dr., Titusville, FL 32780
- Rou, H. Jennings, Inc., P. O. Box 1130, Eustis, FL 32727
- Rouse, Bob, U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934
- Rozar, L. L., Jr., P. O. Box 217, San Antonio, FL 33576
- Rucks, Phillip, Becker Groves, Inc., P. O. Box 1240, Fort Pierce, FL 34954
- Rudisill, Ken, 2234 East 15th Street, Panama City, FL 32405
- Ruehman, Bill, Fellsmere Management Company, P. O. Box 395, Fellsmere, FL 32948
- Rumler, Irwin, Growers Fertilizer Corp., P. O. Box 1407, Lake Alfred, FL 33850
- Ruppert, Kathleen C., U. of Fla., 2549 Fifield Hall, Gainesville, FL 32611
- Russ, Charles R., P. O. Box 852, Clermont, FL 32711
- Russakis, Nick, Diamond R Fertilizer, 4100 Glade Road, Fort Pierce, FL 34981
- Russell, Andrew S., Lake Placid Caretakers, P. O. Box 4907, Lakeland, FL 33802
- Russell, Ed, Route 1, Box 420, Arcadia, FL 33821
- Russell, Gillie C., Lake Placid Caretakers, P. O. Box 902, Lake Placid, FL 33852
- Russell, J. C., Soil Fumigants Company, P. O. Box 1447, Sanford, FL 32772
- Russo, Linda W., Coca-Cola Foods, 8997 Southview Road, Maitland, FL 32751
- Ruter, John M., Department of Horticulture, Coastal Plain Experiment Station, Tifton, GA 31793
- Ryland, William V., 2446 Granada Circle, E. S., St. Petersburg, FL 33712
- S.B.N. Grove Maintenance, P. O. Box 806, Immokalee, FL 33934
- Sackl, Randy, Compost Management, Inc., P. O. Box 16967, West Palm Beach, FL 33416-6967
- Sales, Mohsen A., ATOChem, 1713 South California Avenue, Monrovia, CA 91017-0120
- Salyani, Masoud, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Samilian, Mike, P. O. Box 307, Bushnell, FL 33513
- Sanger, Richard A., 3716 Heather Lake Circle, Sarasota, FL 34235
- Santa Rosa Tropicals, P. O. Box 6183, Santa Rosa, CA 95406
- Sapp, Gary L., Hancock-Fidelity Citrus, Ltd., Route 2, Box 1210, Clewiston, FL 33440
- Sapp, Greg, Kahn Grove Service Company, Inc., 5301 Oakland Road, Sebring, FL 33870
- Sapp, Vincent D., P. O. Box 720, Fort Myers, FL 33902
- Sargent, Steven A., U. of Fla., IFAS-Vegetable Crops, 1253 Fifield Hall, Gainesville, FL 32611
- Sauls, Julian, Texas A & M Extension Service, 2401 E. Highway 83, Weslaco, TX 78596
- Sauvage, Terry L., Rhone-Poulenc, Inc., 725 Tradewind Dr., North Palm Beach, FL 33408
- Sawyer, Madeleine, 15290 S.W. 106th Lane, #320, Miami, FL 33196-2783
- Scarborough, John B., Sunrise-Gulfstream Citrus Groves, Inc., P. O. Box 1746, Jupiter, FL 33468
- Schaffer, Bruce, U. of Fla., IFAS-TREC, 18905 S.W. 280th St., Homestead, FL 33031
- Schall, William L., U. of Fla., IFAS-AREC, 3245 College Avenue, Davie, FL 33314
- Schirard, Brant, Southeastern Ag Services, P. O. Box 2667, Fort Pierce, FL 34954
- Schirard, John H., P. O. Box 670, Sanford, FL 32771
- Schlottman, Jim, 6367 Nightwind Circle, Orlando, FL 32818
- Schmelzer, G. Richard, Verlite Company, P. O. Box 16457, Tampa, FL 33687-6457
- Schnell, Raymond J., USDA-ARS, 13601 Old Cutler Road, Miami, FL 33158
- Schrader, Dan E., County Extension Service, 1200 East Moody Boulevard, #5 Bunnell, FL 32110
- Schueneman, Thomas J., 1263 Stoneway Lane, West Palm Beach, FL 33417
- Schumacher, C. R., Withers & Harshman, Inc., P. O. Box 1299, Sebring, FL 33871
- Schumann, John J., III, Schumann Groves, Inc., 5725 - 13th Street, S.W., Vero Beach, FL 32968
- Schuster, David J., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Schwoerer, William A., Abbott Laboratories, 1524 Island Shores Drive, West Palm Beach, FL 33413
- Scott, Jay W., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Scotto, Dominic, D. L. Scotto & Co., Inc., 1110 North 2nd Street, Fort Pierce, FL 34950
- Scudder, Walter T., 4001 S. Sanford Ave., Sanford, FL 32773
- Scully, Brian T., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Seal, D. R., U. of Fla., IFAS-TREC, 18905 S.W. 280th Street, Homestead, FL 33031
- Seay, R. Erick, E. I. DuPont, 840 Second St., Clermont, FL 34711
- Seligman, Bret D., 2414 Palm Glade Drive, Belle Glade, FL 33430
- Seminole Tribe of Florida, B. C. Citrus Groves, 6075 Stirling Road, Hollywood, FL 33024
- Sentevski, Nick, 2245 North 75th Court, Elmwood Park, IL 60635
- Sexton, Randy, Jr., Sexton Grove Service, Inc., 4325 - 17th Street, S.W., Vero Beach, FL 32968-5912
- Shadow Oaks Nursery, 6700 Porter Road, Sarasota, FL 34240

- Sharp, Jennifer, USDA-ARS, 13601 Old Cutler Road, Miami, FL 33158  
 \*Sharpe, Ralph H., U. of Fla., IFAS-Fruit Crops, 1183 McCarty Hall, Gainesville, FL 32611  
 Sharpe, Randal, Gator Slough Citrus Grove, 5600 Gatton Slough Lane, Immokalee, FL 33934  
 Shaw, Joseph C., Shaw Nursery & Landscape Company, 8510 S. Red Road, South Miami, FL 33143  
 Shaw, Lawrence N., U. of Fla., IFAS-Agric. Eng., 1 Frazer Rogers Hall, Gainesville, FL 32611  
 Shay, H. M., 3322 Lee Street, Hollywood, FL 33021  
 Sheehan, Thomas J., U. of Fla., IFAS-Hort. Dept., 3823 SW 3rd Ave., Gainesville, FL 32607  
 Shembarger, Rick, 1307 Third Ave., S.W., Okeechobee, FL 33472  
 Sherer, Stephen M., Dole Citrus, P. O. Box 1120, Vero Beach, FL 32961  
 Sherman, Wayne B., U. of Fla., IFAS-Fruit Crops, 1217 Fifield Hall, Gainesville, FL 32611  
 Shinn, Charles M. III, Citrus Shops, Inc., 769 - 24th Square, Vero Beach, FL 32962-1336  
 Shook, Matt, Chain of Lakes Groves, Inc., P. O. Box 1399, Winter Haven, FL 33882  
 Shovein, John, 2420-H North Main Street, Salinas, CA 93906  
 Showalter, Lowell E., 7460 N.W. 7th St., Plantation, FL 33317  
 \*Showalter, R. K., U. of Fla., IFAS-Vegetable Crops, 1213 Fifield Hall, Gainesville, FL 32611  
 Shreffler, James, 6720 Escondida Way, Lake Clark Shores, FL 33406  
 Shuler, Kenneth D., Florida Cooperative Extension Service, 12657 - 158th Court, N., Jupiter, FL 33478  
 Shulock, Michael, 2966 - 59th Ave., Vero Beach, FL 32966  
 Simmons, Gary, Becker Groves, Inc., P. O. Box 1240, Fort Pierce, FL 34954  
 Simmons, Wayne, Cooperative Producers, Inc., P. O. Box 247, Felda, FL 33930  
 Simone, Gary W., U. of Fla., IFAS-Plant Pathology, 1453 Fifield Hall, Gainesville, FL 32611  
 Simons, John N., JMS Flower Farms, Inc., 1105 - 25th Ave., Vero Beach, FL 32960  
 Simpson, H. James, Jr., 445 Limit St., Mount Dora, FL 32757  
 Simpson, Jimmy, The Packers of Indian River, P. O. Box 179, Palm City, FL 34990-0179  
 Simpson, Stacia, 2100 Pleasant Hill Road, #76, Kissimmee, FL 34746  
 Simpson, Terry, Terry Simpson, Inc., 1673 Boatswain Place, Palm City, FL 34990  
 Sims, Charles, U. of Fla., Food Science & Human Nutrition Dept., Gainesville, FL 32611  
 Singh, Megh, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850  
 Skimina, Conrad A., Monrovia Nursery Company, P. O. Box Q, Azusa, CA 91702  
 Skinner, James R., Midway Fruit Company, P. O. Box 500, Tallevast, FL 34270  
 Skiscim, Michael J., 1423 - 20th St., Vero Beach, FL 32960  
 Smajstrla, Allen G., U. of Fla., IFAS-Agri. Eng., 115 Rogers Hall, Gainesville, FL 32611  
 Small, R. Keith, 816 Minnesota St., Lantana, FL 33462  
 Smathers, Frank, Jr., Four Fillies Farm, 11511 S.W. 57 Ave., Miami, FL 33156  
 Smith, Albin W., 789 Inlet Drive, Marco Island, FL 33937  
 Smith, Brent, 3355 Gordon Drive, Naples, FL 33940  
 Smith, Cecil N., 1633 N.W. 14th Ave., Gainesville, FL 32605  
 Smith, Frank A., 930 Fulton Lane, N.E., Palm Bay, FL 32905  
 Smith, Gordon, Citrus & Vegetable Magazine, 1505 Haven Bend, Tampa, FL 33613  
 Smith, Herb, United Agri Products, P. O. Box 1198, Fort Valley, GA 31030  
 Smith, J. Powell, P. O. Box 1005, Conway, SC 29526  
 Smith, James R. E., 101 Danforth Dr., Charlotte Harbor, FL 33980  
 Smith, Janell, 5300 East Grant Street, Orlando, FL 32812-5308  
 Smith, Joseph, FMC, Route 1, Box 238, Wauchula, FL 33873  
 Smith, Larry, PACS, 1010 Ayshire Ave., Orlando, FL 32803  
 Smith, Newell A., Wardlaw Pioneer Groves, Inc., P. O. Box 986, Frostproof, FL 33843  
 \*Smith, Paul F., 2695 Ashville St., Orlando, FL 32818  
 Smith, Roger W., Michaelis Citrus Nursery, Inc., 26000 Avenue 116, Porterville, CA 93257  
 Smithers-Oasis, Marketing Dept., P. O. Box 118, Kent, OH 44240  
 Smoak Groves, Inc., 1025 S.R. 17, N., Lake Placid, FL 33852  
 Smoak, Claude E., Jr., P. O. Box 676, Minneola, FL 34755  
 Snell, Ralph R., P. O. Box 103, Homeland, FL 33847  
 Snively, Harvey B., Jr., P. O. Box 968, Dundee, FL 33838  
 Snyder, George H., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430-8003  
 Snyder, Harry, 3151 S. Kanner Highway, Stuart, FL 34994  
 Soil and Plant Laboratory, Inc., P. O. Box 6566, Orange, CA 92613  
 Sommerfeld, Mark L., A. Duda & Sons, Inc., P. O. Box 208, Belle Glade, FL 33430  
 Sonoda, Ron, U. of Fla., IFAS-AREC, P. O. Box 248, Fort Pierce, FL 34954  
 Soowal, J. M., East Marsh Nursery, Inc., 7100 Hillsboro Canal Road, Pompano Beach, FL 33067  
 Southwell, Jerald S., Route 2, Box 420, Wauchula, FL 33873  
 \*Spalding, Donald H., Sugarmill Woods, 43 Chinaberry Circle, Homosassa, FL 32646  
 Speese, Orrinna, 5701 Stratford Lane, Lakeland, FL 33813  
 \*Spencer, E. L., P. O. Box 444, Brookfield, VT 05036  
 Spiers, James M., U. S. Department of Agriculture, P. O. Box 287, Poplarville, MS 39470  
 Spiess, Simone, 2115 South Ocean Boulevard, #2577, Highland Beach, FL 33487-2577  
 Spillers, Bill, Plants by Tropico, 21200 S.W. 177th Ave., Miami, FL 33187  
 Springmyer, Troy, 8715 S.W. 147th Place, Miami, FL 33193-1542  
 Sprunt, Susan V., 228 Apache Street, Tavernier, FL 33070-2103  
 Spyke, Pete, 13300 Okeechobee Road, Fort Pierce, FL 34945  
 Stall, R. E., U. of Fla., IFAS-Plant Pathology, 1453 Fifield Hall, Gainesville, FL 32611  
 Stall, William M., U. of Fla., IFAS-Vegetable Crops, 1243 Fifield Hall, Gainesville, FL 32611  
 Stamps, Robert H., U. of Fla., IFAS-CFREC, 2807 Binion Road, Apopka, FL 32703  
 Stansly, Phil A., U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934  
 Staton, Tom, Quality Turfgrass, 41-937 Waikupanaha Street, Waimanalo, HA 96795  
 Steed, Joseph B., Hi Acres Fertilizer, Inc. 313 Jennie Jewell Drive, Orlando, FL 32806  
 Steinkamp, Robert, Fafard, Inc., 3723 Hogshead Road, Apopka, FL 32703-9705  
 Stelter, Ted J., 224 DeSota Road, West Palm Beach, FL 33405  
 Stephens, G. Martin, 41243 Silver Drive, Umatilla, FL 32784  
 Stephens, James M., U. of Fla., IFAS-Vegetable Crops, 1255 Fifield Hall, Gainesville, FL 32611  
 Stevens, Robert H., 15401 S.W. 84th Court, Miami, FL 33157  
 Steward, Lynn M., Orange-Co of Fla., Inc. Route 1, Box 889, Arcadia, FL 33821  
 Stewart, Charles I., 1851 Peninsular Dr., Haines City, FL 33844  
 Stewart, Ivan, 1851 Peninsular Dr., Haines City, FL 33844  
 Stickl, Joseph A., Sandoz Crop Protection, 62 Wingo St., Tequesta, FL 33458  
 Stiles, Herbert D., Southern Piedmont Center, P. O. Box 448, Blackstone, VA 23824  
 Stinson, Joy M., 1600 N.W. Fourth Avenue, #4, Gainesville, FL 32603  
 Stoffella, Peter J., U. of Fla., IFAS-AREC, P. O. Box 248, Fort Pierce, FL 34954  
 Stoll, Richard, Sun-Ag, Inc., 1636 51st Court, Vero Beach, FL 32966  
 Stone, William J., Asgrow-Florida, 4144 Highway 39 N, Plant City, FL 33565  
 Storch, David, #302, 1121 S.W. 105th Avenue, Miami, FL 33174  
 Storey, Greg, Mobay Corporation, 307 Van Lakes Boulevard, Auburndale, FL 33823  
 Strang, Fred Foy, 1329 North Lake Otis Drive, S.E., Winter Haven, FL 33880  
 Strazzulla, Frank, Strazzulla Brothers Company, P. O. Box 3152, Fort Pierce, FL 34948  
 Strazzulla, Joseph P., Strazzulla Brothers Company, P. O. Box 3152, Fort Pierce, FL 34948  
 Strickland, Richard, Orange-co of Florida, Inc., Route 1, Box 889, Arcadia, FL 33821  
 Stricklen, Albert L., 13900 Yale Hammock Road, Umatilla, FL 32784  
 Strieter, Lynne, 995 Bay Drive, #6, Miami Beach, FL 33141  
 Stromsnes, Russell, Jr., Orange-co of Florida, Inc., Route 1, Box 889, Arcadia, FL 33821  
 Strong, Michael, Kahili Farms, P. O. Box 30, Kilauea, HI 96754  
 Sturrock, Thomas T., 1010 Camellia Road, West Palm Beach, FL 33405  
 Subramanya, Subu, 980 S.E. Fourth St., Belle Glade, FL 33430  
 Sullivan, Keith, Coca-Cola Company Foods Division, P. O. Box 589, Sebring, FL 33871  
 Sullivan, Victor H., 1216 S. Scenic Highway, Frostproof, FL 33843  
 Sultenfuss, Paul, Sultenfuss Properties, 27 Davis Blvd., Suite B, Tampa, FL 33606  
 Summerfield Nursery, P. O. Box 601, Weirsdale, FL 32195  
 Sutton, Brent W., Lykes Agri Sales, P. O. Box 13989, Fort Pierce, FL 34979-3989  
 Svenson, Sven, U. of Fla., IFAS-REC, 3205 College Avenue, Fort Lauderdale, FL 33314  
 Swango, Brett, 1116 Cypress Point, West, Winter Haven, FL 33884  
 Swearingen, Eugene E., 1641 S.E. Fallon Drive, Port St. Lucie, FL 34983  
 Sweet, Claude, 7488 Comet View Court, San Diego, CA 92120  
 Syvertsen, J. P., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850  
 Talbot, Michael T., U. of Fla., IFAS-Agr. Eng., 113 Rogers Hall, Gainesville, FL 32611  
 \*Talbot, George M., Florida Celery Exchange, P. O. Box 140067, Orlando, FL 32814  
 Tate, Gregory L., Suite 300-B, 174 E. Bay St., Charleston, SC 29401  
 Taylor, John B., Ciba-Geigy, 1420 Lemon Street, DeLand, FL 32720  
 Taylor, John Forrest, 1305 East Fifth Street, Lehigh Acres, FL 33936  
 Taylor, Mike, Coca-Cola Company Foods Division, P. O. Box 247, Auburndale, FL 33823  
 Taylor, Tom, The Berry Ranch, 7000 S. Tamiami Trail, Venice, FL 34293  
 Teeter, Franklin, P. O. Box 511, Pomona Park, FL 32081  
 Teets, Thomas M., 32 Akron Road, Lake Worth, FL 33467  
 Tepper, Brian L., Rhone Poulenc Ag. Co., P. O. Box 12014, R.T.P. NC 27709  
 Terry, Robert R., U.S.D.A.-Ag. Stat. Service, 1222 Woodward St., Orlando, FL 32803  
 Tharrington, Starkey L., 602 East Alexander Street, #407 Plant City, FL 33566-7146  
 The Coca-Cola Company, Technical Information Services, P. O. Drawer 1734, Atlanta, GA 30301  
 Thomas, Berl, Speedling, Inc., P. O. Box 7220, Sun City, FL 33586  
 Thompson, James E., Jr., Thompson Fruit Company, 1050 Snively Avenue, Winter Haven, FL 33880  
 Thompson, John H., Southwest Florida Water Management District, 2379 Broad Street, Brooksville, FL 34609-6899  
 Thompson, Ken, Orange Enterprises, 206 E. Orange St., Wauchula, FL 33873-2935  
 Thompson, Mark, Florida Southern College, Citrus Institute, 111 Lake Hollingsworth Drive, Lakeland, FL 33801  
 \*Thompson, Ralph P., Apt. 701, 700 Mirror Terrace, Winter Haven, FL 33881

- Timmer, L. W., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Timmerman, Andrew, 12100 U. S. 98, Sebring, FL 33870
- Timmons, Lamar, Willits & Newcomb, Inc., P. O. Box 428, Arvin, CA 93203
- Tison, Robert L., Agricultural Management Services, 601 Crawford St., Arcadia, FL 33821
- \*Todd, Norman, Latt Maxcy Corp., P. O. Box 547, Frostproof, FL 33843
- Tom Thayer Citrus, Inc., P. O. Box 1849, Dundee, FL 33838
- Tomasello, Rudolph P., P. O. Box 6697, West Palm Beach, FL 33405
- Toole, Jack D., Florida Department of Agriculture, 2809 Ave. U, N.W., Winter Haven, FL 33881
- Torbert, James A., Agrimar Corp., 4190 Pleasantdale Road, Atlanta, GA 30340
- Townsend, Charles E., Jr., Turner Foods Corp., 2100 Ft. Denaud Road, Alva, FL 33920
- Townsend, K. G., 1001 Fourth St., Vero Beach, FL 32962
- Tress, Mitchell, 6400 S.W. 106th St., Miami, FL 33156
- Tropical Juice Services, Inc., Suite 13, 6700 South Florida Avenue, Lakeland, FL 33813
- Tseng, Der-Jan, U. of Fla., IFAS-Food Sci. Human Nutrition, 325 FSHN Building, Gainesville, FL 32611
- Tuck, Andy, Kahn Grove Service Company, Inc., 5301 Oakland Road, Sebring, FL 33870
- Tucker, David P. H., Florida Cooperative Extension Service, 700 Experiment Station Road, Lake Alfred, FL 33850
- Tucker, Edward F., IT Supply, Inc., P. O. Box 4201, Homestead, FL 33092
- Turner, Rick, Hi Hat Citrus, 11708 Fruitville Road, Sarasota, FL 34240
- Twyford, Michael, P. O. Box 2041, Winter Haven, FL 33883
- Ueoka, Noriyuki, Nori's Nursery, 431 Kalua Road, Wailuku, Maui, HI 96793
- Ugi, Joseph J., Town of Palm Beach, P. O. Box 2029, Palm Beach, FL 33480
- Ulrich, Peter F., 444 Arvida Parkway, Coral Gables, FL 33156
- United American Citrus, Ltd., #104, 3015 North Ocean Boulevard, Fort Lauderdale, FL 33308
- Updike, Ray, Abbott Labs., 1533 Tredegar Dr., Fort Myers, FL 33919
- Vandergriff, David S., 322 Rail Avenue, Sebring, FL 33872
- Vanderlaan, Pieter W., Mineral Research & Development Corp., 8325 S.W. 155th Terrace, Miami, FL 33157
- Vandervort, Nick W. III, 3800 S.W. 34th Street, #B-9, Gainesville, FL 32608
- Vathakos, Michael, Rhone-Poulenc Ag Products, 1451 Medoc Lane, Fort Myers, FL 33919
- Vavrina, Charles S., U. of Fla., IFAS-SWFREC, P. O. Drawer 5127, Immokalee, FL 33934
- Veech, Alex B., Jr., Ford Avalon Grove, P. O. Box 457, DeLand, FL 32721
- Veldhuis, John F., 32136 Elizabeth Avenue, Tavares, FL 32778
- Velez-Colon, Ruben, HC 02 Box 7115, Juana Dia, PR 00665-9601
- Ven-Mar Irrigation, 3905 Ninth St., S.W., Vero Beach, FL 32968
- Verkade, Stephen D., U. of Fla., IFAS-AREC, 3205 S.W. College Ave., Fort Lauderdale, FL 33314
- Villalobos, A. F., Valent USA Corp., 672 Astarias Circle, Fort Myers, FL 33919
- Vincent, Robert M., B-V Associates, Inc., 48845 West Road, Wixom, MI 48393
- Volin, Ray, Rogers NK Seed Company, 10290 Greenway Road, Naples, FL 33961
- Von Hammann, Kenneth M., The Coca-Cola Company Foods Division, P. O. Box 247, Auburndale, FL 33823
- W & W Groves Co., Inc., c/o Harold Webman, 6625 Santona, Coral Gables, FL 33146
- Waddill, Van, U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Wade, Steven Keif, 709 Park Hill Avenue, Lakeland, FL 33801
- Wagner, Chris, Dole Citrus, P. O. Box 9269, Ontario, CA 91762
- Walker, Donald, 1311 S. Osceola Ave., Orlando, FL 32806
- Walker, George, RR 1, Box 6-E, Immokalee, FL 33934-9801
- Wallis, Ed, Orange-co of Florida, Inc., Route 1, Box 889, Arcadia, FL 33821
- Wan, Shu-Hui, 14023 S. W. 282nd Street, Homestead, FL 33033
- Wang, Yin-Tung, Texas Agricultural Experiment Station, 2414 E. Highway 83, Weslaco, TX 78596
- Ward, R. L., Tennessee Chemical Company, 3400 Peachtree Road, N.E., Suite 401, Atlanta, GA 30326
- Wardowski, W., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Warren, Norman O., Warren Estate, Inc., 330 W. Lake Otis, Winter Haven, FL 33880
- Waters, Roger D., Automatic Machinery Corp., P. O. Box 713, Winter Haven, FL 33882
- Waters, Will E., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Watkins, Buz, Watkins Motor Lines, Inc., P. O. Box 95002, Lakeland, FL 33804
- Watkins, Marshall O., 3501 W. Knights-Griffin Road, Plant City, FL 33566
- Wear, Ledley H., 639 Lake Hollingsworth Dr., Lakeland, FL 33803
- Webb, Charles, Division of Plant Industry, P. O. Box 725, Macclenny, FL 32063
- Webb, Susan E., U. of Fla., IFAS-CFREC, 5336 University Avenue, Leesburg, FL 34748
- Weber, Alan M., 10341 S.W. 114th Terrace, Miami, FL 33176
- Weber, Ken, S.W.F.W.M.D., 2379 Broad Street, Brooksville, FL 34609-6899
- Wedderspoon, Ian M., duPont, 11704 S.W. 102nd Court, Miami, FL 33176
- Wedge, David E., 1044 Macy St., West Palm Beach, FL 33405
- Wedgworth Farms, Inc., P. O. Box 2076, Belle Glade, FL 33430
- \*Wedgworth, Ruth S., P. O. Box 2076, Belle Glade, FL 33430
- Weingartner, David Peter, U. of Fla., IFAS-ARC, P. O. Box 728, Hastings, FL 32045
- Weishaupt, Chris, P. O. Box 7434, Sun City, FL 33586
- Weiermann, Gary, 145 Morning Glory Drive, Lake Mary, FL 32746
- Wesson, Doc S., Jr., 1002 S. Success Ave., Lakeland, FL 33803
- West, William H., Indian River Community College, 14920 Orange Ave., Fort Pierce, FL 34945
- Whatmore, David, P. O. Box 541, Kilauea Kauai, HI 96754
- Wheaton, T. Adair, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Wheeler, Curt, Wheeler and Wheeler, Inc., P. O. Box 2416, Lakeland, FL 33803
- Whitaker, Jay, Kahn Grove Service Company, Inc., 5301 Oakland Road, Sebring, FL 33870
- Whitcomb, Carl E., Laceyark, Inc., Route 5, Box 174, Stillwater, OK 74074
- White, A. C., 817 W. Fairbanks Ave., Orlando, FL 32804
- White, Celeste T., Seminole Co. Agric. Center, 250 West County Home Road, Sanford, FL 32773
- White, David E., 895 E. Lillian St., Bartow, FL 33830-5716
- White, James M., U. of Fla., IFAS-AREC, 2700 E. Celery Ave., Sanford, FL 32771
- White, Mark E., Collier Enterprises, P. O. Drawer 137, Immokalee, FL 33934
- White, Ralph W., Turfgrass Management Consultants, Inc., 11227 Dead River Road, Tavares, FL 32778
- White, William A., FMC Corp., 606 Downs Avenue, Temple Terrace, FL 33617
- Whiteside, Jack O., 410 North Echo Drive, Lake Alfred, FL 33850
- Whitman, William F., Rare Fruit Council, 189 Bal Bay Dr., Bal Harbour, FL 33154
- Whitney, Jodie D., U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Whitton, Gil, 1300 Casa Vista Dr., Palm Harbor, FL 34683
- Whitty, Robert B., Florida Cooperative Extension Service, 2614 S.E. Dixie Highway, Stuart, FL 34996
- Wilcox, Merrill, U. of Fla., Agronomy Dept., Herbicide Metabolism Lab., Gainesville, FL 32611-0700
- Wilfret, Gary J., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Will, Albert, Jr., Broward Community College, 1661 S.W. 27th Ave., Fort Lauderdale, FL 33312
- Williams, Alice, Chemical Dynamics, Inc., 2647 Oak Park Way, Orlando, FL 32822
- Williams, Tom V., Rogers NK Seed Company, 2329 Pinewoods Circle, Naples, FL 33942
- Williamson, Jeff, U. of Fla., IFAS, 2113 Fifield Hall, Gainesville, FL 32611
- Williard, R. P., Citrus World, Inc., P. O. Box 1111, Lake Wales, FL 33853
- Willis, Leah, 11935 Old Cutler Road, Miami, FL 33156-4242
- Wilson, Blake, Hilliard Brothers, P. O. Box 55, Clewiston, FL 33440
- Wilson, Charles J. III, Smoak Groves, Inc., 1025 C.R. 17 North, Lake Placid, FL 33852
- Wilson, James C., Chilean Nitrate Corp., 109 East Main Street, Suite 601, Norfolk, VA 23510
- Wilson, Jay M., ABC Citrus Caretaking Service, Inc., 4964 South Orange Ave., Orlando, FL 32806
- Wilson, W. C., 1616 Villa Court, Marco Island, FL 33937
- \*Witbank, W. J., U. of Fla., IFAS-Fruit Crops, 1137 Fifield Hall, Gainesville, FL 32611
- Winfree, Robert, 103 Pasco Road, S.E., Winter Haven, FL 33880
- Wingate, R. A., P. O. Box 1019, Zolfo Springs, FL 33890
- Winkler, Kurt, R.G.B. Labs, Inc., 1531 Charlotte, Kansas City, MO 64108
- Winter Haven Citrus Growers Association, P. O. Box 9431, Winter Haven, FL 33883
- Wittmeyer, E. C., 1740 E. Lakeview Ave., Columbus, OH 43224
- Wofford, Tommy, BASF, 132 Lake Ring Drive, S.E., Winter Haven, FL 33884
- Wolf, Benjamin, Dr. Wolf's Agricultural Labs, 6851 S.W. 45th St., Fort Lauderdale, FL 33314
- Wolf, Emil A., U. of Fla., IFAS-EREC, P. O. Box 8003, Belle Glade, FL 33430
- Wolfenbarger, D. O., 1280 N.W. Fourth Avenue, Homestead, FL 33030
- Woltz, Shreve S., U. of Fla., IFAS-GCREC, 5007 - 60th St., E., Bradenton, FL 34203
- Wutscher, Heinz K., U. S. Hort. Research Lab., 2120 Camden Road, Orlando, FL 32803
- Wynn, Mike, 5480 Albritton Road, Mulberry, FL 33860
- Wynne, J. Sheldon, 3226 - 62nd Court, Vero Beach, FL 32966
- Yadav, Uday, Seminole Co. Agric. Center, 250 West County Home Road, Sanford, FL 32773
- Yalbac Ranch and Cattle, 2727 North Loop West, Suite 200, Houston, TX 77008
- Yatsko, Paul G., 13085 LaMirada Circle, Wellington, FL 33414
- Yeager, Thomas H., U. of Fla., IFAS-Ornamental Hort., 2517 Fifield Hall, Gainesville, FL 32611
- Yelenosky, George, U. S. Department of Agriculture, 2120 Camden Road, Orlando, FL 32803
- Yingst, Victor, Florida Cooperative Extension Service, P. O. Box 2882, Fort Myers, FL 33902-2882
- Yokomi, Ray, 339 Menaske Court, Longwood, FL 32779
- Yonce, Henry, 1092 Glenwood Trails, DeLand, FL 32720
- York, John B., 123 North Manatee Avenue, Arcadia, FL 33821
- Young, King G., 2649 Pinetree Drive, Miramar, FL 33023
- Youngs, Thomas L., Zellwin Farms Company, P. O. Box 188, Zellwood, FL 32798
- Youtsey, Charles O., Division of Plant Industry, 3027 Lake Alfred Road, Winter Haven, FL 33881
- Zajicek, Frank E., P. O. Drawer 5083, Immokalee, FL 33934
- Zambo, B. L., Grant Center Hospital, 20601 S.W. 157 Ave., Miami, FL 33187
- Zambrano, Gabriel, Serfin Casa de Cambio, S.A. de C.V., P. O. Box 238, Laredo, TX 78040
- Zarella Cabbage Sales, Inc., P. O. Box 1139, Stuart, FL 34995
- Zazueta, Fedro S., U. of Fla., IFAS, Frazer-Rogers Hall, Gainesville, FL 32611
- Zekri, Mongi, U. of Fla., IFAS-CREC, 700 Experiment Station Road, Lake Alfred, FL 33850
- Zerba, R. H., Jr., P. O. Box 1033, Green Cove Springs, FL 32043

Zill, Gary, Zill Nursery, 6801 - 107th Place, S., Boynton Beach, FL 33437  
 Zinner, Charles, Florida Cooperative Extension Service, P. O. Box 218, Bushnell, FL 33513  
 Zorn, Frank J., 805 E. Madison Ave., Stuart, FL 33494

Zuckerman, Bob, 1850 South Newcomb, Porterville, CA 93257  
 zumFelde, Roan, NAFCO Citrus Management Co., Inc., P. O. Box 1798, Arcadia, FL 33821-1798

## COLLEGES AND LIBRARIES

Agricultural Research & Education Center, Library, P. O. Box 8003, Belle Glade, FL 33430-8003  
 Arkansas State University, Dean B. Ellis Library, P. O. Box 2040 State University, AR 72467  
 Auburn University, Serials Dept., Ralph Brown Draughon Library, Auburn, AL 36845  
 Broward Community College, Library, 3501 S.W. Davie Road, Fort Lauderdale, FL 33314  
 California State Polytechnic University, Library, Serials Dept. Pomona, CA 91768  
 Division of Plant Industry, Library, P. O. Box 147100, Gainesville, FL 32614-7100  
 Florida Southern College Citrus Institute, Florida Southern College, 111 Lake Hollingsworth Drive, Lakeland, FL 33801  
 Indian River Community College, Library, 3209 Virginia Avenue, Fort Pierce, FL 34981  
 Iowa State University, Serials Department, Library - Order No. Lc 88090, Ames, IA 50010  
 LSU, Department of Horticulture, Attn: Gregory A. Lang, 137 Julian C. Miller Hall, Baton Rouge, LA 70803

Miami Dade Public Library, Standing Orders/Acq., 101 West Flagler Street, Miami, FL 33130-1504  
 North Carolina State University, Department of Horticultural Science, P. O. Box 7609, Raleigh, NC 27695-7609  
 Orange County Library System, N. Orange Branch Library, 1211 East Semoran Boulevard, Apopka, FL 32703-5524  
 State Library of Florida, Continuations Section, R. A. Gray Building, Tallahassee, FL 32301  
 Sunkist Growers, Research Library, 760 East Sunkist Street, Ontario, CA 91761-1861  
 Texas A & I University, Citrus Center Library, P. O. Box 1150, Weslaco, TX 78596  
 University of Central Florida, Library—Serials, P. O. Box 25000, Orlando, FL 32816  
 University of Georgia, Acquisitions Department, Serials Section, Athens, GA 30602  
 University of Puerto Rico, College of Agric., Agric. Exp. Sta., P. O. Box 21360, Rio Piedras, PR 00928  
 USL, Dupre Library, Serials Dept., 302 East St. Mary Boulevard, LaFayette, LA 70504  
 Washington State University, Pullman, WA 99164

## OUT-OF-COUNTRY

Abdi, Nasser, College of Agricultural Science, Sari, Iran  
 Abo-Shanab, Ikram Saad El Din, 11 El Hade Street, El Maniel, Cairo, Egypt  
 Agricultural Research Institute, Ministry of Agriculture & Natural Resources, Nicosia, Cyprus  
 Agriculture Canada, Library/Bibliotheque, Edifice Sir John Carling Building, Ottawa, Canada K1A 0C5  
 Asocolflores, Carrera 9A #90-53, P. O. Box 55-151, Bogota, Colombia, S.A.  
 Ballantyne, C. William, Apartado Postal 1453, Suc. 3, Merida, Yucatan, Mexico 97002  
 Banegas, Alberto D., Cultivos del Lean, Tela-Honduras, P. O. Box 307, c/o Dr. R.F. Brooks, Lake Hamilton, FL 33851  
 Bardelmeier, Sara, P. O. Box N-7790, Nassau, Bahamas  
 Ben-Yaacov, A., Volcani Center, P. O. Box 6, Bet Dagan, Israel Z.C. 50-250  
 Bovino, Jorge, LaValle 3161, 5o Piso, 1190 Buenos Aires, Argentina  
 Canton, Henry, Citrus Company of Belize, Private Mail Bag #7, Pomona Stanm Creek, Belize  
 Chepote, Jorge C. Casilla 18-1227, Lima 18, Peru  
 Chubb, A. G., Inv. Guanaranja, S.A., P. O. Box 7160-1000, San Jose, Costa Rica  
 Citrus and Subtropical Fruit Research Institute, Private Bag X11208, Nelspruit, South Africa 1200  
 Commonwealth Development Corp., Librarian, One Bessborough Gardens, London, United Kingdom SW1V 2JQ  
 Department of Agriculture, Research Centre, P. O. Box 411, Loxton, South Australia 5333  
 Derwent Publications Ltd., Berkshire House, 168/173 High Holborn, London, England WC1V 7AA  
 Dip. Biologia Delle Pianta Agr., Viale delle Piagge, 23, 56100 Pisa, Italy  
 Donnadiu, Jorge Luis, Luis Encinas 558, Hermosillo, Sonora, Mexico 83200  
 Eckes Aktiengesellschaft, Ludwid-Eckes-Allee 6, Nieder-Olm, Germany 6501  
 El Sheikh, Tawfik Mohamed, 40 Ahmed Lotfi El-Said Street, El-Mesaha El-Harm, Giza, Egypt  
 Elezaby, Ahmed, 13 El-Bostan Street, Bab, El-Louk, Cairo, Egypt  
 Estacion Experimental "La Mayora", Biblioteca 29750 Algarrobo-Costa, (Malaga) Spain  
 Estacion Experimental Agro-Industrial "OBISPO COLOMBRES", "OBISPO COLOMBRES" Casilla de Correo No. 9 - 4101 LAS TALITAS, Tucuman, Republica Argentina  
 Farooqi, W. A., NIAB, P. O. Box 128, Faisalabad, Pakistan  
 Fox, Russell, Lot 3, Sims Road, Cobram, Victoria 3644 Australia  
 Fundacao Universidade Estadual de Maringa, Campus Universitario, Avenida Colombo, 3690, Caixa Postal 331, Maringa-Parana, Brasil CEP 87100  
 Giacometti, D. C., EMBRAPA, SQS 114, Bloco F-Ag. 609, 70.377 Brasilia-DF, Brazil  
 Guido, Clamer, Organizzazione G. F. Clamer di Clamer Guido, Via Dei Tigli, 32/C, 20020 Arese, Italy  
 Heap, Robert D., Shipowners Refrigerated Cargo Research Assn., 140 New Market Road, Cambridge, United Kingdom CB5 8HE  
 Hibberd, A. M., Department of Primary Industries, P. O. Box 327, Cleveland, Queensland, Australia 4163  
 Indian Agricultural Research Institute, Head Library Services, (Pusa) Library, New Delhi 110012, India  
 Institut Phytopathologique Benaki, Kiphissia, Athens, Greece  
 Institute of Plant Sciences, Dept. of Agriculture-Knoxfield, P. O. Box 174, Ferntree Gully, 3156 Australia  
 Instituto Agronomico do Parana (IAPAR), Caixa Postal, 1331, 86001 - Londrina, PR Brasil

Instituto de Agroquimica y Tecnologia de Alimentos, Jaime Roig 11, Valencia 10, Spain  
 Instituto de Investigaciones Agropecuarias, Casilla 439, Correo 3, Santiago, Chile  
 Ist. Orticoltura Floricoltura Universita', Via Valdisavio 5, 95123 Catania, Italy  
 Ist. Sperimentale Floricoltura, C.50 Degli Inglesi 508, 18038 Sanremo, IM, Italy  
 Iwahori, Shuichi, Institute of Agriculture and Forestry, The University of Tsukuba, Tsukuba 305, Japan  
 Jack, Michael J. c/o C.D.C., Apdo.721, San Jose, Costa Rica, C. A.03/21  
 Jackson, S. P., 108 Berima Street, Wynnum, Queensland, Australia 4178  
 Kagawa University, Nogakubu Toshokangun, 305 Mikicho, Kidagun, Kagawaken, Japan 761-07  
 Kagoshima Daigaku, Chuo-Toshokan, Koorimoto 1-Chome, Kagoshima 890, Japan (Kin)  
 Kawada, Kazuhide, Kagawa University, Miki, Kita, Kagawa 761-07, Japan  
 Ko, W. W., MARDI 39007 Tanah Rata, Cameron Highlands, Pahang Darulmakmur, Malaysia  
 Laffite, Rene, Frudas Tropicales, S.A., P. O. Box 83, LaCeiba, Honduras, C.A.  
 Lakshminarayana, S., UAM, Iztapalapa, Apdo. Postal 55-535, Mexico DF 09340, Mexico  
 Leal, Freddy, Apartado 4736, Maracay-Aragua 2101 A, Venezuela, S.A.  
 Lee, Kuo-Chuan, National Chung Hsing Univ., Dept. of Hort. 250, Kuokuang Road, Taichung, Taiwan, Republic of China  
 Loria, Willy, B. Cordoba Casa No. 3307, El Zapote, San Jose, Costa Rica  
 Milan, Abd Rahman, MARDI, Fruits Div., P. O. Box 525, Kluang, Johore, Malaysia 86009  
 Navorsingsinstituut vir Groente en Sierplante, Groente en Sierplante, Privaatsak X 293, Pretoria, South Africa 0001  
 Nikolaas Warmerdam, H. N. S. G. Warmerdam, P. O. Box 431, Alstonville, 2477 Australia  
 Norges Landbrukshogskoles Bibliotek, Box 12, 1432 AS-NLH, Norway  
 Norinsuisansho, Yasai, Chagyoshikenjo, 360 Kusawa Ano-Cho, Age-Gun, Mie-Ken 514-23 Japan (Kin)  
 NSW Agriculture, Departmental Librarian, Locked Bag 21, Kite Street, Orange 2800, Australia  
 NT Dept. Primary Ind., Fisheries/Central Library, NT Dept. Primary Industries and Fisheries, Central Library, P. O. Box 79, Berrimah, NT 0828 Australia  
 Ochoa, Luis, Serfin Casa de Cambio, S.A. de C.V., Rayon 603 Altos Desp. 1, Martinez de la Torre, Ver., Mexico  
 Ohad, Reuven, 59 Sharet Street Hod-Hasharon, Israel 45202  
 Oram, Mrs. A., P. O. Box 126, Rockhampton 4700, Queensland, Australia  
 Oriukel, Benito, Germanias 22, 46700 Gandia, (Valencia) Spain  
 Panhwar, M. H., Research & Development Engineers, 54 - D, Block 9, Clifton, Karachi, Pakistan  
 Pascual Hermanos, S.A., Attn: Carlos Fernandez G. Cronista Carreres, 11, 46003 Valencia, Spain  
 Phillips, Winston J., Ministry of Agriculture, Communications Unit, Botanic Gardens, St. George's, Grenada, West Indies  
 Piaggio, Fausto, Fundo Santa Rosalia, Sucre 511, San Isidro, Lima-27, Lima, Peru  
 Pressler, Craig R., 2 PH Farms, 2 Glover Street, Kepnock, Bundaberg, Queensland, Australia 4670  
 Rafi, Chaudhry Muhammad, House No. P-139 Farid Town, Sahiwal, Pakistan  
 Rampinini, Giorgio Via Dante, 56, 20023 Cerro Maggiore, (MI), Italy  
 Rowland, A., FERQUIDO, P. O. Box 346, Santo Domingo, Dominican Republic  
 Rushing, James W., Depto. C-503, Las Condes, 600 Manquehue Norte, Santiago, Chile

- Russell, Oris S., P. O. Box N-561, Nassau, Bahamas
- Sabbah, Sabbah M., 5-ZoA1 Fakkas Street, Ganaklis, Alexandria, Egypt
- Salleras Marco, Jose Ma. Molino 1, 17141 Bellcaire, (Gerona) Spain
- Servicio Extension Agraria, Biblioteca, Corazon de Maria, 8, Pl. 8, 28002 Madrid, Spain
- Shikoku Nogyo Shikenjo, 3 Zentsuji Cho, Zentsujishi Kagawa, 765 Japan (SSB)
- Story, Geoffrey, 230 Stenner St., Toowoomba, Queensland, Australia 4350
- Sundays River Research Station, Officer in Charge, P. O. ADDO, Cape, 6105 South Africa
- Sunrasysia Hort. Res. Inst., Librarian, P. O. Box 905, Mildura, Victoria, 3502 Australia
- Sveriges Lantbruksuniversitets Bibliotek, Ultunabiblioteket, S-750 07 Uppsala, Sweden
- Swedish University of Agricultural Sciences, The Alnarp Library Box 51, S-230 53 Alnarp, Sweden
- Taiwan Banana Research Institute, P. O. Box No. 18, Chiujun, Pingtung, Taiwan 901, ROC
- Takada, Norishisa, Nippon Del Monte Corp., 3748, Shimizui-Cho Numata, Gunma, 378 Japan
- Tenorio, Humberto, A.A. 1221, Cali, Colombia
- The British Library, Boston Spa, Document Supply Centre, Yorks, England LS23 7BQ
- The Librarian, Department of Agriculture, Fisheries & Parks, P. O. Box HM 834, Hamilton HM 834, Bermuda
- Tico Fruit, S.A., P. O. Box 207-1200, San Jose, Costa Rica
- Tompsett, Philip J., Apartado 578, Merida, Venezuela
- Tropical Fruit Research Station, P. O. Box 72, Alstonville, N.S.W. Australia
- Umali, D. L., IRRI, P. O. Box 933, Manila, Philippines
- Universiteitsbibliotheek, Rozier 9, B-9000 Gent, Belgium
- University of Natal Library, Periodicals Librarian, P. O. Box 375, Pietermaritzburg, South Africa 3200
- University of Stellenbosch, University Library, Private Bag 5036, Stellenbosch 7600, South Africa
- Vasconcellos, Luiz A.B.C., Depto. de Horticultura-ESALQ-Universidade de Sao Paulo, Av. Pádua Dias, 11 Cx Postal 09, 13400 Piracicaba, Sao Paulo, Brazil
- Werner, Hubert, FH-Osnabrück, Oldenburger Landstr. 24, 4500 Osnabrück, Germany 4500
- Wong, Fernando, Federico Villarreal #508, San Isidro, Lima, Peru
- Xiaozhong, Liu, Citrus Research Institute, Chinese Academy of Agric. Sciences, Xie Ma Xiang, Chong Qing, Sichuan Province, People's Republic of China
- Yamato, Hirokuni, Tokushima Horticultural Experiment Station, Katsuuraa, Tokushima, 771-43 Japan
- Yen, Chung-Ruey, Chia-Yi Agric. Exp. Sta., 2 Min-Chaun Road, Chia-Yi, 60014 Taiwan 60014, ROC
- Yonemori, Keizo, Laboratory of Pomology, Faculty of Agric., Kyoto University, Sakyo-ku, Kyoto 606, Japan

# INDEX

	Page		
<b>ADAMS, ALVIN J.</b>		<b>BARTZ, J. A., A. S. A. RAHMAN, J. K. BRECHT and S. A. SARGENT</b>	
See BOURGEOIS	142	Influence of initial temperature on development of bacterial soft rot in inoculated tomato fruit	69
See HANNA	240	See LOCASCIO	248
See HANNA	237	Council Memorial Tomato Research Award	VIII
<b>AGOSTINI, J. P.</b>		<b>BEESON, R. C., JR. and E. F. GILMAN</b>	
See TIMMER	173	Measuring diurnal water stress to determine transplant establishment of slash pine from three production methods	369
<b>ALBREGTS, EARL E., CHARLES M. HOWARD and CRAIG K. CHANDLER</b>		<b>BEGEMAN, JOHN P.</b>	
Slow release fertilizers for strawberry fruit production	244	See MEEROW	367
See CHANDLER	227	<b>BEHR, ROBERT M.</b>	
<b>ALBRIGO, L. GENE, JACQUELINE K. BURNS and FRANK M. HUNT, III</b>		See MURARO	214
Weight loss considerations in preparing and marketing weight-fill bagged citrus	74	<b>BISTLINE, F. W.</b>	
<b>ALOCASIA BELLOTA 'ALICIA'</b>		See WUTSCHER	178
solidifying agent effects on growth (Griffis, Wedekind, Johnson)	303	<b>BLIGHT</b>	
<b>ALVA, A. K. and J. P. SYVERTSEN</b>		citrus, patterns in bedded groves (Sonoda, et al.)	181
Soil and citrus tree nutrition are affected by salinized irrigation water	135	distribution in new hybrid rootstocks (Wutscher, Bistline)	178
<b>ANDERSEN, PETER C., TIMOTHY E. CROCKER and PAUL M. LYRENE</b>		<b>BLUEBERRIES</b>	
Vegetative and reproductive characteristics of hexaploid and tetraploid blueberry cultivars in north Florida	12	cultivar characteristics (Andersen, Crocker, Lyrene)	12
<b>ANDERSON, S. F.</b>		<b>BOGGESE, WILLIAM G.</b>	
See DUDECK	358	See STAMPS	328
<b>ANTHRACNOSE</b>		<b>BOMAN, BRIAN J.</b>	
hot water treatment effects on mangos sprayed with fungicides (McMillan, Mitchell)	114	Flood irrigation efficiency measurements in an Indian River area citrus grove	151
<b>AVOCADOS</b>		<b>BORON</b>	
cultivar evaluations (Rouse, Knight)	24	toxicity in foliage plants (Poole, Conover, Steinkamp)	301
shoot and root growth cycles (Ploetz, et al.)	21	<b>BOURGEOIS, WAYNE J. and ALVIN J. ADAMS</b>	
<b>AWARDS</b>		Evaluation of thirteen navel orange cultivars under scaffold branch irrigation freeze protection during the 1989 freeze	142
Council Memorial Tomato Research Award	VIII	<b>BRADSHAW, JOAN, TOM LEHMANN and JIM RAGSDALE</b>	
Honorary Membership Award	VIII	Reduce/reuse/recycle yard waste in Pinellas County	373
Outstanding Paper Awards	VIII	<b>BRAZILIAN PEPPER</b>	
President's Industry Award	VIII	triclopyr for control in ditchbanks (Eger)	207
Presidential Gold Medal Award	VIII	<b>BRECHT, JEFFREY K.</b>	
<b>BACTERIAL FRUIT BLOTCH</b>		See BARTZ	69
chemical control on watermelons (Hopkins)	270	See EMOND	108
<b>BACTERIAL SPOT</b>		Outstanding Paper Award	VIII
citrus, control in nurseries and packinghouses (Graham, Gottwald)	169	<b>BROWN, G. ELDON, WILLIAM R. MILLER and ROY E. McDONALD</b>	
control on tomatoes (Jones, et al.)	257	Control of green mold in Marsh grapefruit with vapor heat quarantine treatment	115
<b>BACTERICIDES</b>		<b>BRYAN, H. H.</b>	
bacterial fruit blotch control on watermelons (Hopkins)	270	See SHAW	246
bacterial spot of tomato control (Jones, et al.)	257	Council Memorial Tomato Research Award	VIII
<b>BAIRD, C. DIRELLE</b>		<b>BULLOCK, R. C. and R. R. PELOSI</b>	
See TALBOT	94	Orangedog damage and control in Florida	161
<b>BALDWIN, E. A., M. O. NISPEROS-CARRIEDO and J. W. SCOTT</b>		<b>BURNS, JACQUELINE K.</b>	
Levels of flavor volatiles in a normal cultivar, ripening inhibitor and their hybrid	86	See ALBRIGO	74
See NISPEROS-CARRIEDO	122	<b>BUSEY, PHILIP and EDWARD H. DAVIS</b>	
<b>BARROS, S. M.</b>		Turfgrass in the shade environment	353
Florida citrus varieties: juice color survey	128	<b>BUSLIG, BELA S.</b>	
See CHEN	51	Orange juice color measurement with a sphere spectrophotometer	131
		See CAMERON	102
		<b>CABBAGE</b>	
		insecticides to control diamondback moth (Jansson, LeCrone)	279



<b>CALADIUM</b>			
etiology (Polston, Evans, Tsai)	334	cold hardiness of 'Ambersweet' and 'Valencia' (Yelenosky, Vu, Hearn)	185
<b>CALCIUM</b>		flood irrigation efficiency (Boman)	151
influence on potato yield (Locascio, Bartz, Weingartner)	248	flood tolerance of lime rootstocks (Schaffer)	31
<b>CALDEIRA, M. I.</b>		freeze protection with microsprinklers (Parsons, et al.)	144
See NUNEZ-ELISEA	39	grapefruit, green mold control with vapor heat (Brown, Miller, McDonald)	115
<b>CAMERON, RANDALL G. and BELA S. BUSLIG</b>		growth regulator effects on stem cutting rooting (Sabbah, et al.)	188
Adaptation of a spectrophotometric assay for pectinmethylesterase to a kinetic microplate reader	102	irrigation economics (Parsons, Muraro)	148
<b>CAMPBELL, CARL W.</b>		juice products, data base for essential vitamins and minerals (Fellers, Nikdel, Lee)	89
Rootstocks for the 'Tahiti' lime	28	keeping quality in the home (Ismail, Wilhite)	77
See CAMPBELL	47	limes, fungicides to control postbloom fruit drop (McMillan)	160
<b>CAMPBELL, RICHARD J. and CARL W. CAMPBELL</b>		limes, rootstocks (Campbell)	28
The 'Parvin' mango	47	navel orange cultivars, evaluation of irrigation freeze protection (Bourgeois, Adams)	142
<b>CANTLIFFE, D. J.</b>		nitrogen rate effect on growth of containerized plants (Maust, Williamson)	191
Outstanding paper award	VIII	nutrition affected by salinized irrigation water (Alva, Syvertsen)	135
<b>CARAMBOLAS</b>		oil spray effects (Lee, Knapp, Syvertsen)	203
quality after quarantine treatment (Miller, McDonald, Nisperos-Carriedo)	118	orange juice color measurement (Buslig)	131
ripening (Mitcham, McDonald)	104	orange juice, 1989 freeze effects (Lizotte, Shaw)	85
topping five-year-old trees (Crane, et al.)	57	orange juice, assay for pectinmethylesterase (Cameron, Buslig)	102
<b>CARPENTER, WILLIAM J., ERIC R. OSTMARK and THOMAS J. SHEEHAN</b>		orange, 'Valencia', controlled-release and soluble fertilizer effects (Zekri, Koo)	199
Recommendations for germinating fringetree <i>Chionanthus virginicus</i> L. seed	337	orange, essence sorption on resin (Tseng, et al.)	81
<b>CARTER, R. D.</b>		orangedog damage and control (Bullock, Pelosi)	161
See CHEN	51	packinghouses, impact studies (Miller, Wagner)	125
<b>CASTLE, W. S.</b>		pH and storage effects on imazalil (Hall)	111
See TIMMER	173	rootstock relation to root rot and <i>Phytophthora parasitica</i> populations (Timmer, et al.)	173
Outstanding Paper Award	VIII	rootstock sprout influence on nursery plants (Williamson)	195
<b>CENSUS</b>		sprinklers for cold protection, in-tree versus under-tree (Martsolf, Hannah)	139
1991 citrus trees in Polk, Lake and Orange counties (Terry)	217	tree census, 1990 (Terry)	217
<b>CHALFANT, R. B.</b>		varietals, juice color survey (Barros)	128
See SEAL	284	weed control in ditchbanks and adjacent non-crop areas (Eger)	207
<b>CHANDLER, C. K., EARL E. ALBREGTS and C. M. HOWARD</b>		weight loss in bagged fruit (Albrigo, Burns, Hunt)	74
Planting date affects early season strawberry production in west central Florida	227	<b>CITRUS BACTERIAL SPOT</b>	
See ALBREGTS	244	epidemics (Gottwald, Graham)	163
<b>CHANDLER, J. L.</b>		<b>CLARK, G. A.</b>	
See SABBAAH	188	See CSIZINSZKY	234
<b>CHASE, ANN R.</b>		<b>CLAYTON, D.</b>	
Presidential Gold Medal Award	VIII	See KANE	319
<b>CHAU, KHE V.</b>		<b>COHEN, M.</b>	
See EMOND	108	See SONODA	181
<b>CHELLEMI, D. O.</b>		<b>COLD</b>	
See SONODA	181	chilling injury of summer squash inhibited by temperature conditioning (McCollum, McDonald, Elmstrom)	99
<b>CHEN, C. S., R. D. CARTER, S. M. BARROS, S. NAGY and E. HERNANDEZ</b>		<b>COMMON GUAVA</b>	
Evaluation of citrus processing system for passionfruit juice concentration	51	triclopyr for control in ditchbanks (Eger)	207
<b>CHRYSANTHEMUMS</b>		<b>COMPOST</b>	
growth regulator effects (Wilfret)	314	substrate influence (Fitzpatrick, Verkade)	308
<b>CITRUS</b>		yard waste mixed with potting soil for foliage plants (McConnell, Shiralipour)	311
allocations between fresh and processed markets (Muraro, Fairchild, Behr)	214	<b>CONOVER, C. A. and R. T. POOLE</b>	
bacterial spot control in nurseries and packinghouses (Graham, Gottwald)	169	Storage time and temperature affect growth of <i>Dracena fragrans</i> 'Massangeana'	331
bacterial spot epidemics (Gottwald, Graham)	163	See POOLE	301
blight patterns (Sonoda, et al.)	181	<b>CONSERVATION</b>	
blight, distribution in new hybrid rootstocks (Wutscher, Bistline)	178	poly-pot-packs for container-grown plants (Henley)	298
chemical deterrents to girdling by termites (Stansly, et al.)	156	yard waste reuse (Bradshaw, Lehmann, Ragsdale)	373
		<b>COPPER</b>	
		bacterial spot of tomato control (Jones, et al.)	257

<b>CORKY ROOT</b>			
control on lettuce (Nagata, Datnoff)	265		
<b>CORN</b>			
sweet, fungicidal control of foliar diseases (Raid)	267		
<b>CORN PLANT</b>			
growth affected by storage time and temperature (Conover, Poole)	331		
<b>COUNCIL MEMORIAL TOMATO RESEARCH AWARD</b>			
J. W. Scott, S. M. Olson, H. H. Bryan, T. K. Howe, P. J. Stoffella and J. A. Bartz	VIII		
<b>COX, EDWARD L.</b>			
See SCULLY	276		
<b>CRANE, JONATHAN H., LEAH WILLIS, S. PABLO LARA and MARC ELLENBY</b>			
Short-term effects of manual topping of five year old 'Arkin' carambola trees	57		
See ELLIOTT	49		
<b>CRAPE MYRTLE</b>			
Lagerstroemia cultivar evaluations (Knox, Norcini)	346		
<b>CRAWFORD, BOB</b>			
Let's Maintain Florida for our children's children	XIII		
<b>CROCKER, T. E.</b>			
Demonstration plots of alternate fruit and nut crops for north Florida	1		
See ANDERSEN	12		
<b>CSIZINSZKY, A. A., C. D. STANLEY and G. A. CLARK</b>			
Polyacrylamide gel as a soil amendment for mulched, micro- irrigated bell-pepper, Capsicum annuum L., cv Bell Captain	234		
<b>CUCUMBERS</b>			
staking for higher yields (Hanna, Adams)	237		
yield increase by irrigation, plant spacing and higher N-P-K rates (Hanna, Adams)	240		
<b>CULTIVARS</b>			
avocado evaluations (Rouse, Knight)	24		
blueberries, vegetative and reproductive characteristics (Andersen, Crocker, Lyrene)	12		
impatiens evaluations (Howe, Waters, Price)	348		
Lagerstroemia evaluations (Knox, Norcini)	346		
sweetpotato, wireworm density and damage (Seal, Chalfant, Hall)	284		
tomatoes, flavor volatile levels (Baldwin, Nisperos-Carriedo, Scott)	86		
turfgrasses, four cultivar comparisons (Wedge)	352		
<b>DATNOFF, L. E., S. NEMEC and R. N. RAID</b>			
Influence of various vegetable potting mixes on colonization of tomato by Glomus intraradix	253		
See NAGATA	265		
<b>DAVE, B. A.</b>			
Principles of cost reductions in chemical formulations	209		
<b>DAVENPORT, S. B.</b>			
See STANSLY	156		
<b>DAVENPORT, T. L.</b>			
See NUNEZ-ELISEA	41		
See NUNEZ-ELISEA	39		
<b>DAVIES, F. S.</b>			
See LARSON	33		
<b>DAVIS, EDWARD H.</b>			
See BUSEY	353		
<b>DEBICKI, I. W.</b>			
See SHAW	246		
<b>DEGNER, ROBERT L. and ANNE E. MOSELEY</b>			
Methodology for county level economic impact analysis: The case of agriculture and agribusiness in Dade County, Florida	15		
See MOSELEY	18		
<b>DEHGAN, BIJAN and THOMAS J. SHEEHAN</b>			
Vegetative propagation of Florida native plants: Persea palustris (Swampbay)	291		
See KANE	287		
<b>DISEASES</b>			
anthracnose, hot water treatment effects on mangos sprayed with fungicides (McMillan, Mitchell)	114		
bacterial fruit blotch, chemical control on watermelons (Hopkins)	270		
bacterial rot of tomatoes, temperature influence (Bartz, et al.)	69		
bacterial spot of tomato, control (Jones, et al.)	257		
bacterial spot, severity and resistance of tomato hybrids (Scott, Jones, Somodi)	259		
blight, distribution in new hybrid citrus rootstocks (Wutscher, Bistline)	178		
citrus bacterial spot epidemics (Gottwald, Graham)	163		
citrus bacterial spot, control in nurseries and packinghouses (Graham, Gottwald)	169		
citrus blight, patterns in bedded groves (Sonoda, et al.)	181		
citrus root rot, relation to Phytophthora parasitica populations (Timmer, et al.)	173		
foliar on sweet corn, fungicidal control (Raid)	267		
fusarium wilt, nine-month overseasoning effect on tomatoes (Jones, Scott, Woltz)	262		
green mold, control on grapefruit with vapor heat (Brown, Miller, McDonald)	115		
lettuce corky root control (Nagata, Datnoff)	265		
Passiflora spp. virsuses threaten passionfruit industry (Elliott, Zettler)	49		
postbloom fruit drop, fungicides for control (McMillan)	160		
soft-rot of potatoes, influenced by fertilization (Locascio, Bartz, Weingartner)	248		
<b>DOWLING, CURTIS F., JR.</b>			
See MORTON	341		
<b>DUDECK, A. E. and S. F. ANDERSON</b>			
Winter overseeding trials on fairway and putting green bermuda-grass	358		
Outstanding Paper Award	VIII		
<b>EAST, DAVID A.</b>			
See SCULLY	276		
<b>ECONOMICS</b>			
agriculture and agribusiness in Dade County (Degner, Moseley)	15		
agriculture and agribusiness in Dade County (Moseley, Degner)	18		
Australian and South African flora potential in Florida (Parvin)	296		
citrus allocations between fresh and processed markets (Muraro, Fairchild, Behr)	214		
citrus irrigation (Parsons, Muraro)	148		
compost efficacy as a nursery growing medium (Fitzpatrick, Verkade)	308		
cost reductions in chemical formulations (Dave)	209		
forestry programs, federal cost-share (Harrell)	366		
yard waste disposal (Bradshaw, Lehmann, Ragsdale)	373		
<b>EDELSON, JONATHAN V.</b>			
See SCULLY	276		
<b>EGAR, J. E.</b>			
Controlling common guava and Brazilian peppertree on non- irrigation ditchbanks and adjacent non-crop areas with basal applications of triclopyr	207		
<b>ELLENBY, MARC</b>			
See CRANE	286		
See CRANE	57		

<b>ELLIOTT, M. S., F. W. ZETTLER and J. H. CRANE</b> Surveys for viruses of <i>Passiflora</i> spp. which threaten the passion-fruit industry in south Florida	49	navel orange cultivar, evaluation of irrigation protection (Bourgeois, Adams)	142
<b>ELMSTROM, GARY W.</b> See MAYNARD See McCOLLUM	229 99	<b>FRUIT</b> alternate crops with nuts (Crocker)	1
<b>EMOND, JEAN-PIERRE, KHE V. CHAU and JEFFREY K. BRECHT</b> An expert system for hydrocoolers	108	avocado, cultivar evaluations (Rouse, Knight)	24
<b>ENVIRONMENT</b> turfgrass (Busey, Davis) yard waste reuse (Bradshaw, Lehmann, Ragsdale)	353 373	avocado, shoot and root growth cycles (Ploetz, et al.)	21
<b>EVANS, MICHAEL R.</b> See POLSTON	334	blueberries, characteristics of cultivars (Andersen, Crocker, Lyrene)	12
<b>FAIRCHILD, GARY F.</b> See MURARO	214	carambola, ripening (Mitcham, McDonald)	104
<b>FARYNA, NICK D.</b> See PARSONS	144	carambola, topping five-year-old trees (Crane, et al.)	57
<b>FELLERS, P. J., S. NIKDEL and H. S. LEE</b> Five-year data base for the content of 11 essential vitamins and minerals for nutrition labeling in the major processed Florida citrus juice products	89	carambolas, quality after quarantine treatment (Miller, McDonald, Nisperos-Carriedo)	118
<b>FERNS</b> Boston, growth affected by production environment (McConnell) leatherleaf, herbicide effects (Stamps) leatherleaf, irrigation practices (Stamps, Boggess, Smajstrla)	317 325 328	edible coating to extend postharvest life (Nisperos-Carriedo, Baldwin, Shaw)	122
<b>FERTILIZERS</b> calcium and potassium influence on potato yield (Locascio, Bartz, Weingartner) controlled-release and soluble effects on 'Valencia' orange (Zekri Koo) higher N-P-K rates to increase cucumber yields (Hanna, Adams) nitrogen rate effect on growth of containerized citrus plants (Maust, Williamson) slow-release for strawberry production (Albregts, Howard)	248 199 240 191 244	fresh, quality management in handling, packing and distribution (Orihuel-Iranzo)	219
<b>FITZPATRICK, GEORGE E. and STEPHEN D. VERKADE</b> Substrate influence on compost efficacy as a nursery growing medium see SPIESS	308 290	grapes, management of root borer with pheromone (Webb)	3
<b>FLOWERS</b> cut, Australian and South African flora potential in Florida (Parvin) tropical cut, vase life (Hansen, et al.)	61	grapes, trellis systems to optimize production (Leong, Lamikanra)	5
<b>FOLIAGE PLANTS</b> boron toxicity (Poole, Conover, Steinkamp) Boston fern, growth affected by production environment (McConnell) cut, Australian and South African flora potential in Florida (Parvin) growth in mixes with composted yard waste (McConnell, Shiralipour) irrigation practices in leatherleaf fern industry (Stamps, Boggess, Smajstrla) leatherleaf fern, herbicide effects (Stamps)	301 317 296 311 328 325	hydrocoolers (Emond, Chau, Brecht)	108
<b>FREEZE</b> 1989, effects on Hamlin orange juice (Lizotte, Shaw) citrus, hardiness of 'Ambersweet' and 'Valencia' (Yelenosky, Vu, Hearn) citrus, protection with microsprinklers (Parsons, et al.) in-tree versus under-tree sprinklers for citrus cold protection (Martsolf, Hannah)	85 185 144 139	mango, 'Parvin' (Campbell, Campbell)	47
		mango, flooding responses in limestone soil (Larson, Schaffer, Davies)	33
		mango, flowering of trees propagated by air-layering (Nunez-Elisea, Davenport, Caldeira)	39
		mango, flowering response to deblossoming and gibberellic acid (Nunez-Elisea, Davenport)	41
		mango, hot water treatment effects on fungicides (McMillan, Mitchell)	114
		mangos, polyembryonic sources for rootstocks (Schnell, Knight)	44
		passionfruit, <i>Passiflora</i> spp. viruses threaten industry (Elliott, Zettler)	49
		passionfruit, processing system for juice concentration (Chen, et al.)	51
		peaches, size increase in melting vs. non-melting (Miller, Sherman, Topp)	9
		Spanish lime and jaboticaba, vegetative propagation (Larson, Schaffer, Lara)	54
		<b>FUNGICIDES</b> chemical deterrents to girdling by termites (Stansly, et al.)	156
		foliar disease control on sweet corn (Raid)	267
		hot water treatment effects on mangos sprayed for anthracnose control (McMillan, Mitchell)	114
		pH and storage effects on imazalil (Hall)	111
		postbloom fruit drop control on limes (McMillan)	160
		<b>FUNGUS</b> Glomus intraradix, influence of potting mixes on colonization of tomato (Datnoff, Nemecek, Raid)	253
		mycorrhizae effects on growth of red mable and indian hawthorn seedlings (Spiess, Verkade, Fitzpatrick)	290
		<b>FUSARIUM WILT</b> tomatoes, nine-month overseasoning effect (Jones, Scott, Woltz)	262
		<b>GERMINATION</b> fringetree, recommendations (Carpenter, Ostmark, Sheehan)	337
		<b>GILMAN, E. F.</b> See BEESON	369
		<b>GIRDLING</b> chemical deterrents for termites on young citrus (Stansly, et al.)	156
		<b>GOTTWALD, T. R. and J. H. GRAHAM</b> Analysis of epidemics of citrus bacterial spot in Florida citrus nurseries	163
		see GRAHAM	169

<b>GRAHAM, J. H. and T. R. GOTTWALD</b>			
Control measures for citrus bacterial spot in nurseries and packinghouses	169		
See GOTTWALD	163		
See TIMMER	173		
<b>GRAPEFRUIT</b>			
green mold control with vapor heat (Brown, Miller, McDonald)	115		
<b>GRAPES</b>			
muscadine, trellis systems to optimize production (Leong, Lamikanra)	5		VIII
root borer management with pheromone (Webb)	3		
<b>GRASSES</b>			
bermuda, overseeding fairway and putting greens (Dudeck, Anderson)	358		
turf, four cultivar comparisons (Wedge)	352		
turf, shade environment (Busey, Davis)	353		
<b>GREEN MOLD</b>			
vapor heat for control on grapefruit (Brown, Miller, McDonald)	115		
<b>GREGORY, J. F., III</b>			
See TSENG	81		VIII
<b>GRIFFIS, JOHN L., JR., HEIKE WEDEKIND and SHERMAN JOHNSON</b>			
Effects of several commercially available solidifying agents on in vitro growth of <i>Alocasia bellota</i> 'Alicia'	303		
<b>GROSSER, J. W</b>			
See SABBAH	188		
<b>GROW-BAGS</b>			
palm production (Meerow, Begeman)	367		
<b>GROWTH REGULATORS</b>			
chrysanthemums, effects on potted (Wilfret)	314		
effects on rooting of citrus stem cuttings (Sabbah, et al.)	188		
mango, flowering response to gibberellic acid and deblossoming (Nunez-Elisea, Davenport)	41		
propagation of water lilies (Kane, Philman, Clayton)	319		
<b>HALL, DAVID J.</b>			
Effect of pH and storage on solutions of imazalil	111		
President's Industry Award	VIII		
<b>HALL, M. R.</b>			
See SEAL	284		
<b>HANNA, H. Y. and A. J. ADAMS</b>			
Staking fresh market cucumber for higher yields, a long term research report	237		
Yield increase of staked cucumber by supplemental drip irrigation, reducing plant spacing and higher N-P-K rates	240		
<b>HANNAH, H. EUGENE</b>			
See MARTSOLF	139		
<b>HANSEN, JAMES D., ROBERT E. PAULL, ARNOLD H. HARRA and VICTORIA L. TENBRINK</b>			
Predicting vase life in tropical cut flowers and foliage	61		
<b>HARA, ARNOLD H.</b>			
See HANSEN	61		
<b>HARRELL, JAMES B.</b>			
Federal cost-share assistance for urban and community forestry programs	366		
<b>HARRIS, G.</b>			
See JONES	257		
<b>HEARN, C. J.</b>			
See YELENOSKY	185		
<b>HELMS, D.</b>			
See SHAW	246		
<b>HENLEY, RICHARD W.</b>			
The poly-pot-pack: Another tool for conservation of resources during production of container-grown plants	298		
<b>HERBICIDES</b>			
effects on leatherleaf fern (Stamps)	325		
use in ornamental industry (Norcini, et al.)	251		
<b>HERNANDEZ, E.</b>			
See CHEN	51		
<b>HOCHMUTH, R. C.</b>			
Outstanding paper award	VIII		
<b>HONORARY MEMBERSHIP AWARD</b>			
Norman Todd	XI		
<b>HOPKINS, DONALD L.</b>			
Chemical control of bacterial fruit blotch of watermelon	270		
<b>HOWARD, CHARLES M.</b>			
See ALBREGTS	244		
See CHANDLER	227		
<b>HOWE, T. K., W. E. WATERS and J. F. PRICE</b>			
Evaluation of impatiens cultivars for the landscape in west-central Florida	348		
Council Memorial Tomato Research Award	VIII		
<b>HUEGEL, CRAIG, FRANK MAZZOTTI and JOSEPH SCHAEFER</b>			
Creating a landscape for wildlife	380		
<b>HULL, D. L. and R. T. McMILLAN, JR.</b>			
Development of a commercial plant growers clinic in Dade County and trends reported for the first year	379		
<b>HUNT, FRANK M., III</b>			
See ALBRIGO	74		
<b>HYBRIDS</b>			
citrus rootstocks, blight distribution (Wutscher, Bistline)	178		
citrus, growth regulator effects on rooting of stem cuttings (Sabbah, et al.)	188		
tomatoes, flavor volatile levels (Baldwin, Nisperos-Carriedo, Scott)	86		
tomatoes, severity and resistance to bacterial spot (Scott, Jones, Somodi)	259		
<b>HYDROCOOLERS</b>			
expert system (Emond, Chau, Brecht)	108		
<b>IMPATIENS</b>			
cultivar evaluations (Howe, Waters, Price)	348		
<b>IN VITRO</b>			
<i>Alocasia bellota</i> 'Alica', solidifying agent effects (Griffis, Wedekind, Johnson)	303		
<b>INDIAN HAWTHORN</b>			
mycorrhizae effects on growth of seedlings (Spiess, Verkade, Fitzpatrick)	290		
<b>INSECTICIDES</b>			
diamondback moth control in cabbage (Jansson, LeCrone)	279		
<b>IRRIGATION</b>			
bell pepper grown with polyacrylamide gel as a soil amendment (Csizinszky, Stanley, Clark)	234		
citrus freeze protection evaluation (Bourgeois, Adams)	142		
citrus, economics (Parsons, Muraro)	148		
cucumbers, yield increase (Hanna, Adams)	240		
flood, efficiency measurement in citrus grove (Boman)	151		
in-tree versus under-tree sprinklers for citrus cold protection (Martsolf, Hannah)	139		
microsprinklers for freeze protection (Parsons, et al.)	144		
practices in leatherleaf fern industry (Stamps, Boggess, Smajstrla)	328		
salinized water affects citrus tree nutrition (Alva, Syvertsen)	135		

<b>ISMAIL, MOHAMED A. and DIANA L. WILHITE</b>		learning center (Ritter, Lamberts)	375
Keeping quality of Florida citrus in the home environment	77	yard waste disposal (Bradshaw, Lehmann, Ragsdale)	373
<b>JABOTICABA</b>		<b>LARA, S. PABLO</b>	
vegetative propagation (Larson, Schaffer, Lara)	54	See CRANE	57
<b>JACKSON, JOHN L.</b>		See CRANE	286
See PARSONS	144	See LARSON	54
<b>JACKSON, LARRY K.</b>		<b>LARSON, KIRK D., BRUCE SCHAFFER and F. S. DAVIES</b>	
A leadership challenge	XI	Mango responses to flooding in limestone soil	33
<b>JANSSON, RICHARD K. and SCOTT H. LeCRONE</b>		<b>LARSON, KIRK D., BRUCE SCHAFFER and S. PABLO LARA</b>	
Efficacy to nonconventional insecticides for control of diamond-back moth, <i>Plutella xylostella</i> (L.), in 1991	279	Vegetative propagation of Spanish lime and jaboticaba	54
<b>JOHNSON, SHERMAN</b>		<b>LeCRONE, SCOTT H.</b>	
See GRIFFIS	303	See JANSSON	279
<b>JOHNSTON, DIANE L.</b>		<b>LEE, H. S.</b>	
See SVENSON	323	See FELLERS	89
<b>JONES, J. B., S. S. WOLTZ, R. O. KELLY and G. HARRIS</b>		<b>LEE, L. W., J. L. KNAPP and J. P. SYVERTSEN</b>	
The role of ionic copper, total copper, and select bactericides on control of bacterial spot of tomato	257	Spray oil effects on citrus	203
see SCOTT	259	<b>LEHMANN, TOM</b>	
<b>JONES, JOHN PAUL, J. W. SCOTT and S. S. WOLTZ</b>		See BRADSHAW	373
The effect of a nine-month overseasoning period on fusarium wilt of tomato	262	<b>LEONG, STEPHEN and SOLA LAMIKANRA</b>	
<b>JUICE</b>		Combination of trellis systems to optimize the use of farm resources in muscadine grape production	5
citrus, data base for essential vitamins and minerals (Fellers, Nikdel, Lee)	89	<b>LESKOVAR, D. I.</b>	
citrus, variety color survey (Barros)	128	Outstanding paper award	VIII
orange, 1989 freeze effects (Lizotte, Shaw)	85	<b>LETTUCE</b>	
orange, assay for pectinmethylesterase (Cameron, Buslig)	102	corky root control (Nagata, Datnoff)	265
orange, color measurement (Buslig)	131	<b>LIMES</b>	
passionfruit, processing system for concentration (Chen, et al.)	51	flood tolerance of rootstocks (Schaffer)	31
<b>KANE, M. E., B. DEHGAN and T. J. SHEEHAN</b>		rootstocks (Campbell)	28
In vitro propagation of Florida native plants: <i>Aronia arbutifolia</i>	287	Spanish, vegetative propagation (Larson, Schaffer, Lara)	54
<b>KANE, M. E., N. L. PHILMAN and D. CLAYTON</b>		Tahiti, fungicides to control postbloom fruit drop (McMillan)	160
A technique for enhanced propagation of viviparous tropical water lilies	319	<b>LITTELL, R. C.</b>	
<b>KELLY, R. O.</b>		See TSENG	81
See JONES	257	<b>LIZOTTE, PAULINE A. and PHILIP E. SHAW</b>	
<b>KNAPP, J. L.</b>		Possible effects of the December 1989 freeze on Hamlin orange juice from the 1990-91 season	85
See LEE	203	<b>LOCASCIO, S. J., J. A. BARTZ and D. P. WEINGARTNER</b>	
<b>KNIGHT, ROBERT J., JR.</b>		Potato yield and soft-rot potential as influenced by calcium and potassium fertilization	248
See ROUSE	24	<b>LOUZADA, E. S.</b>	
See SCHNELL	44	See SABBAH	188
<b>KNOX, GARY W. and JEFFREY G. NORCINI</b>		<b>LYRENE, PAUL M.</b>	
Lagerstroemia cultivars under evaluation at the NFREC-Monticello	346	See ANEDDRSEN	12
<b>KOO, ROBERT C. J.</b>		<b>MANGOS</b>	
See ZEKRI	199	flooding responses in limestone soil (Larson, Schaffer, Davies)	33
<b>KRAFT, KEVIN</b>		flowering of trees propagated by air-layering (Nunez-Elisea, Davenport, Caldeira)	39
See SVENSON	323	flowering response to deblossoming and gibberellic acid (Nunez-Elisea, Davenport)	41
<b>LABELING</b>		hot water treatment effects on fungicides (McMillan, Mitchell)	114
citrus juice products, data base for vitamins and minerals (Fellers, Nikdel, Lee)	89	Parvin (Campbell, Campbell)	47
<b>LAMBERTS, MARY</b>		polyembryonic sources for rootstocks (Schnell, Knight)	44
See RITTER	375	<b>MARKETING</b>	
<b>LAMIKANRA, SOLA</b>		citrus, allocations between fresh and processed markets (Muraro, Fairchild, Behr)	214
See LEONG	5	citrus, weight loss in bagged fruit (Albrigo, Burns, Hunt)	74
<b>LANDRUM, LINDA B.</b>		<b>MARTSOLF, J. DAVID and H. EUGENE HANNAH</b>	
See NORCINI	251	In-tree versus under-tree sprinkling for protection of young citrus trees from cold damage	139
<b>LANDSCAPING</b>			
for wildlife (Huegel, Mazzotti, Schaefer)	380		
impatiens cultivar evaluations (Howe, Waters, Price)	348		

<b>MATTHEWS, R. F.</b> See TSENG		
<b>MAUST, BRIAN E. and JEFFREY G. WILLIAMSON</b> Nitrogen rate effect on growth of containerized citrus nursery plants		
<b>MAYNARD, DONALD N. and GARY W. ELMSTROM</b> Potential for western-type muskmelon production in central and southwest Florida See SARGENT		
<b>MAZZOTTI, FRANK</b> See HUEGEL		
<b>McCOLLUM, T. G., R. E. McDONALD and G. W. ELMSTROM</b> Temperature conditioning inhibits chilling injury in summer squash ( <i>Cucurbita pepo</i> ) fruit		
<b>McCONNELL, DENNIS B.</b> Production environment affects growth rate of Boston fern		
<b>McCONNELL, DENNIS B. and AZIZ SHIRALIPOUR</b> Foliage plant growth in potting mixes formulated with composted yard waste		
<b>McDONALD, ROY E.</b> See BROWN See McCOLLUM See MILLER See MITCHAM		
<b>McDOWELL, JUDITH M.</b> See NORCINI		
<b>McGOVERN, R. J.</b> See STANSLY		
<b>McMILLAN, R. T., JR.</b> Evaluation of fungicides for control of postbloom fruit drop of 'Tahiti' limes caused by <i>Colletotrichum gloeosporioides</i> See HULL		
<b>McMILLAN, R. T., JR. and K. J. MITCHELL</b> Effect of hot water treatment on mango fruits sprayed with fungicides for anthracnose control		
<b>MEEROW, ALAN W. and JOHN P. BEGEMAN</b> Observations on palms produced in grow-bags		
<b>MILLER, E. P., W. B. SHERMAN and B. L. TOPP</b> Fruit size increase in melting vs non-melting flesh peaches		
<b>MILLER, W. M. and C. J. WAGNER</b> Impact studies in Florida citrus packinghouses using an instrumented sphere		
<b>MILLER, W. R., R. E. McDONALD and M. NISPEROS-CARRIEDO</b> Quality of 'Arkin' carambolas with or without conditioning followed by low-temperature quarantine treatment See BROWN		
<b>MINERALS</b> citrus juice products, nutritional labeling (Fellers, Nikdel, Lee)		
<b>MITCHAM, ELIZABETH J. and ROY E. McDONALD</b> Characterization of the ripening of carambola ( <i>Averrhoa</i> carambola L.) fruit		
<b>MITCHELL, K. J.</b> See McMILLAN		
<b>MITES</b> twospotted spider, resistance in muskmelons (Scully, et al.)		
<b>MORTON, JULIA F. and CURTIS F. DOWLING, JR.</b> The spineless yucca deserves more attention as an ornamental and food plant		
<b>MOSELEY, ANNE E. and ROBERT L. DEGNER</b> 81 An overview of economic impact analysis of agriculture and agribusiness in Dade County, Florida See DEGNER		18 15
<b>MOTHS</b> 191 diamondback, insecticides for control (Jansson, LeCrone)		279
<b>MURARO, RONALD P., GARY F. FAIRCHILD and ROBERT M. BEHR</b> 229 Citrus fruit allocation: decisions between fresh and 64 processed markets See PARSONS 380 Outstanding Paper Award		214 148 VIII
<b>MUSKMELONS</b> twospotted spider mite resistance (Scully, et al.) 99 western-type production potential in Florida (Maynard, Elmstrom)		276 229
<b>NAGATA, R. T. and L. E. DATNOFF</b> 317 Cultural control of lettuce corky root by the use of transplants		265
<b>NAGY, S.</b> 311 See CHEN		51
<b>NEMEC, S.</b> 115 See DATNOFF 99		253
<b>NIKDEL, S.</b> 118 See FELLERS 104		89
<b>NISPEROS-CARRIEDO, MYRNA O., ELIZABETH A. BALDWIN and PHILIP E. SHAW</b> 251 Development of an edible coating for extending postharvest life of selected fruits and vegetables 156 See BALDWIN See MILLER		122 86 118
<b>NITROGEN</b> 160 rate effect on growth of containerized citrus (Maust, 379 Williamson)		191
<b>NORCINI, JEFFREY G., DAVID J. ZIMET, JUDITH M. McDOWELL and LINDA B. LANDRUM</b> 114 Herbicide use by Florida's woody ornamental industry See KNOX 367		251 346
<b>NUNEZ-ELISEA, R.</b> Student outstanding paper award 9		VIII
<b>NUNEZ-ELISEA, R. and T. L. DAVENPORT</b> Flowering of 'Keitt' mango in response to deblossoming and gibberellic acid 125		41
<b>NUNEZ-ELISEA, R., T. L. DAVENPORT and M. I. CALDEIRA</b> An experimental system to study mango flowering using containerized trees propagated by air-layering 118 115		39
<b>NUTRITION</b> citrus juice products, data base for vitamins and minerals (Fellers, Nikdel, Lee) 89 salinized irrigation water affects citrus tree (Alva, Syvertsen)		89 135
<b>NUTS</b> 104 alternate crops with fruit (Crocker)		1
<b>OIL</b> 114 spray effects on citrus (Lee, Knapp, Syvertsen)		203
<b>OLSON, S. M.</b> 276 Effect of transplanting on watermelon production Council Memorial Tomato Research Award		232 VIII
<b>ONIONS</b> 341 harvest effects on storage quality (Sargent, et al.)		64

<b>ORANGEDOG</b>		
damage and control (Bullock, Pelosi)		
<b>ORANGES</b>		
‘Ambersweet’ and ‘Valencia’, cold hardiness (Yelenosky, Vu, Hearn)		
essence sorption on resin (Tseng, et al.)		
Hamlin, 1989 freeze effects on juice (Lizotte, Shaw)		
juice color measurement (Buslig)		
juice, assay for pectinmethylesterase (Cameron, Buslig)		
navel, cultivar evaluation of irrigation freeze protection (Bourgeois, Adams)		
Valencia, controlled-release and soluble fertilizer effects (Zekri, Koo)		
<b>ORIHUEL-IRANZO, BENITO</b>		
The management of quality in the handling, packing and distribution of fresh fruits and vegetables with special reference to citrus of tricolopyr		
<b>ORNAMENTALS</b>		
Alocasia bellota ‘Alicia’ solidifying agent effects on growth (Griffis, Wedekind, Johnson)		
Australian and South African flora potential in Florida (Parvin)		
bermudagrasses, overseeding fairway and putting greens (Dudeck, Anderson)		
caladium etiology (Polston, Evans, Tsai)		
chrysanthemums, growth regulator effects (Wilfret)		
commercial plant growers clinic (Hull, McMillan)		
compost efficacy as a growing medium (Fitzpatrick, Verkade)		
corn plant growth affected by storage time and temperature (Conover, Poole)		
fern, Boston, growth affected by production environment (McConnell)		
fern, leatherleaf, herbicide effects (Stamps)		
fern, leatherleaf, irrigation practices (Stamps, Boggess, Smajstrla)		
foliage plants, boron toxicity (Poole, Conover, Steinkamp)		
foliage plants, growth in mixes with composted yard waste (McConnell, Shiralipour)		
forestry programs, federal cost-share (Harrell)		
fringetree, germinating recommendations (Carpenter, Ostmark, Sheehan)		
herbicide use (Norcini, et al.)		
impatiens, cultivar evaluations (Howe, Waters, Price)		
Lagerstroemia cultivar evaluations (Knox, Norcini)		
landscape for wildlife (Huegel, Mazzotti, Schaefer)		
landscape learning center (Ritter, Lamberts)		
palms produced in grow-bags (Meerow, Begeman)		
pine, slash, water stress in transplanting (Beeson, Gilman)		
poly-pot-pack for container-grown plants (Henley)		
propagation of native plants (Kane, Dehgan, Sheehan)		
propagation of water lilies (Kane, Philman, Clayton)		
reclaimed water and Florida native plants (Robinson, Parnell)		
red maple, indian hawthorn, mycorrhizae effects (Spiess, Verkade, Fitzpatrick)		
schefflera, shading system for faster production (Svenson, Johnston, Kraft)		
spineless yucca (Morton, Dowling)		
tropical cut flowers, vase life (Hansen, et al.)		
turfgrass, shade environment (Busey, Davis)		
turfgrasses, four cultivar comparisons (Wedge)		
vegetative propagation of native plants (Dehgan, Sheehan)		
<b>OSTMARK, ERIC R.</b>		
See CARPENTER		
<b>PACKAGING</b>		
poly-pot-packs for container-gown plants (Henley)		
<b>PACKINGHOUSES</b>		
citrus bacterial spot control (Graham, Gottwald)	161	169
citrus, impact studies (Miller, Wagner)		125
<b>PALMS</b>		
produced in grow-bags (Meerow, Begeman)	185	367
<b>PARNELL, JOHN R.</b>	81	
See ROBINSON	85	371
<b>PARRADO, JORGE L.</b>	131	
See PLOETZ	102	21
<b>PARSONS, LAWRENCE R. and RONALD P. MURARO</b>	142	
Economics of citrus irrigation		148
<b>PARSONS, LAWRENCE R., T. ADAIR WHEATON, NICK D. FARYNA and JOHN L. JACKSON</b>	199	
Improved citrus freeze protection with elevated micro-sprinklers		144
<b>PARVIN, P. E.</b>	219	
Potential cut flower, cut foliage production of Australian and South African flora in Florida		296
<b>PASSIONFRUIT</b>		
Passiflora spp. virsuses threaten industry (Elliott, Zettler)	303	49
processing system for juice concentration (Chen, et al.)	296	51
<b>PAULL, ROBERT E.</b>		
See HANSEN	358	61
<b>PEACHES</b>		
fruit size increase in melting vs. non-melting (Miller, Sherman, Topp)	334	9
<b>PECTINMETHYLESTERASE</b>		
assay adaptation to a kinetic microplate reader (Cameron, Buslig)	379	102
<b>PELOSI, R. R.</b>		
See BULLOCK	308	161
See SONODA	331	181
<b>PEPPER</b>		
bell, polyacrylamide gel as a soil amendment (Csizinszky, Stanley, Clark)	317	234
<b>PESTS</b>		
diamondback moths, insecticides for control (Jansson, LeCrone)	325	279
grape root borer, management with pheromone (Webb)	328	3
insects affecting squash, floating row covers for exclusion (Webb)	301	272
orangedog damage and control (Bullock, Pelosi)	311	161
Phytophthora parasitica, population relation to citrus root rot (Timmer, et al.)	366	173
termites, subterranean, chemical deterrents (Stansly, et al.)	337	156
twospotted spider mites, resistance in muskmelons (Scully, et al.)	251	276
wireworms, density and damage to sweetpotato cultivars (Seal, Chalfant, Hall)	348	284
<b>PEROMONE</b>		
grape root borer management (Webb)	346	3
<b>PHILMAN, N. L.</b>		
See KANE	380	319
<b>PINES</b>		
slash, water stress in transplanting (Beeson, Gilman)	375	369
<b>PLANTERS</b>		
revolving spade, double cropping tomato beds (Shaw, et al.)	367	246
<b>PLOETZ, RANDY C., JOSE L. RAMOS, JORGE L. PARRADO and EMILY S. SHEPARD</b>	287	
Shoot and root growth cycles of avocado in south Florida	319	21
<b>POLSTON, J. E., MICHAEL R. EVANS and J. H. TSAI</b>	371	
Investigation of the etiology of grassy tuber of caladium	298	334



<b>POLYACRYLAMIDE GEL</b>		<b>BITTER, STEVE and MARY LAMBERTS</b>	
soil amendment for bell pepper (Csizinszky, Stanley, Clark)	234	Development and implementation of a landscape learning center for Dade County	375
<b>POOLE, R. T., C. A. CONOVER and K. STEINKAMP</b>		<b>ROBINSON, M. LaRUE and JOHN R. PARNELL</b>	
Symptoms of boron toxicity induced in foliage plants	301	Reclaimed water and Florida natives II	371
See CONOVER	331		
<b>POSTBLOOM FRUIT DROP</b>		<b>ROOTING</b>	
fungicides for control on "Tahiti" limes (McMillan)	160	citrus stem cuttings, growth regulator effects (Sabbah, et al.)	188
<b>POTATOES</b>		<b>ROOTSTOCKS</b>	
yield and soft-rot influenced by fertilization (Locascio, Bartz, Weingartner)	248	blight distribution in new citrus hybrids (Wutscher, Bistline)	178
<b>POTASSIUM</b>		citrus, sprout influence on nursery plants (Williamson)	195
influence on potato yield (Locascio, Bartz, Weingartner)	248	flood tolerance of Tahiti limes (Schaffer)	31
<b>PRESIDENT'S INDUSTRY AWARD</b>		polyembryonic mangos for nucellar seedlings (Schnell, Knight)	44
D. Hall	VIII	relation to root rot and Phytophthora parasitica populations (Timmer, et al.)	173
<b>PRESIDENTIAL ADDRESS</b>		Tahiti limes (Campbell)	28
Larry K. Jackson	XI		
<b>PRESIDENTIAL GOLD MEDAL AWARD</b>		<b>ROT</b>	
Ann R. Chase	VIII	tomatoes, temperature influence on development (Bartz, et al.)	69
<b>PRICE, J. F.</b>			
See HOWE	348	<b>ROUSE, ROBERT E. and ROBERT J. KNIGHT, JR.</b>	
<b>PRINCIPAL ADDRESS</b>		Evaluation and observations of avocado cultivars for sub-tropical climates	24
Bob Crawford	XIII	See STANSLY	156
<b>PROPAGATION</b>		<b>ROW COVERS</b>	
citrus, rootstock sprout influence on nursery plants (Williamson)	195	exclude insects on squash (Webb)	272
in vitro of native plants (Kane, Dehgan, Sheehan)	287		
mango trees by air-layering (Nunez-Elisea, Davenport, Caldeira)	39	<b>SABBAH, S. M., J. W. GROSSER, J. L. CHANDLER and E. S. LOUZADA</b>	
Spanish lime and jaboticaba, vegetative (Larson, Schaffer, Lara)	54	The effect of growth regulators on the rooting of stem cuttings of Citrus, related genera and intergeneric somatic hybrids	188
vegetative of native plants (Dehgan, Sheehan)	291		
water lilies (Kane, Philman, Clayton)	319	<b>SARGENT, STEVEN A., JUDITH J. ZOELLNER, PETER J. STOFFELLA and DONALD N. MAYNARD</b>	
<b>PSYCHROMETRICS</b>		Harvest maturity affects storage quality of fresh, short-day onions	64
vegetables, post harvest operations (Talbot, Baird)	94	see BARTZ	69
<b>QUALITY</b>		Outstanding paper award	VIII
carambola, quarantine effects (Miller, McDonald, Nisperos-Carriedo)	118	<b>SCHAEFER, JOSEPH</b>	
citrus in the home (Ismail, Wilhite)	77	See HUEGEL	380
handling, packing and distribution of fresh fruits and vegetables (Orihuel-Iranzo)	219	<b>SCHAEFFER, BRUCE</b>	
onions, harvest effects on storage (Sargent, et al.)	64	Flood tolerance of Tahiti lime rootstocks in south Florida soil	31
<b>QUARANTINE</b>		See LARSON	54
effects on carambola quality (Miller, McDonald, Nisperos-Carriedo)	118	See LARSON	33
green mold, control on grapefruit with vapor heat (Brown, Miller, McDonald)	115	<b>SCHEFFLERA</b>	
<b>RAGSDALE, JIM</b>		shading system for faster production (Svenson, Johnston, Kraft)	323
See BRADSHAW	373	<b>SCHNELL, RAYMOND J. and ROBERT J. KNIGHT, JR.</b>	
<b>RAHMAN, A. S. A.</b>		Are polyembryonic mangos dependable sources of nucellar seedlings for rootstocks?	44
See BARTZ	69		
<b>RAID, RICHARD N.</b>		<b>SCOTT, J. W., J. B. JONES and G. CAMERON SOMODI</b>	
Fungicidal control of foliar sweet corn diseases in the presence of high inoculum levels	267	Disease severity of tomato hybrids heterozygous or homozygous for resistance to bacterial spot: commercial outlook	259
See DATNOFF	253	See BALDWIN	86
<b>RAMOS, JOSE L.</b>		See JONES	262
See PLOETZ	21	Council Memorial Tomato Research Award	VIII
<b>RED CHOKEBERRY</b>		<b>SCULLY, BRIAN T., DAVID A. EAST, JONATHAN V. EDELSON and EDWARD L. COX</b>	
in vitro propagation (Kane, Dehgan, Sheehan)	287	Resistance to the twospotted spider mite in muskmelon	276
<b>RED MAPLE</b>		<b>SEAL, D. R., R. B. CHALFANT and M. R. HALL</b>	
mycorrhizae effects on growth of seedlings (Spiess, Verkade, Fitzpatrick)	290	Distribution and density of wireworms and their damage in relation to different cultivars of sweetpotato	284

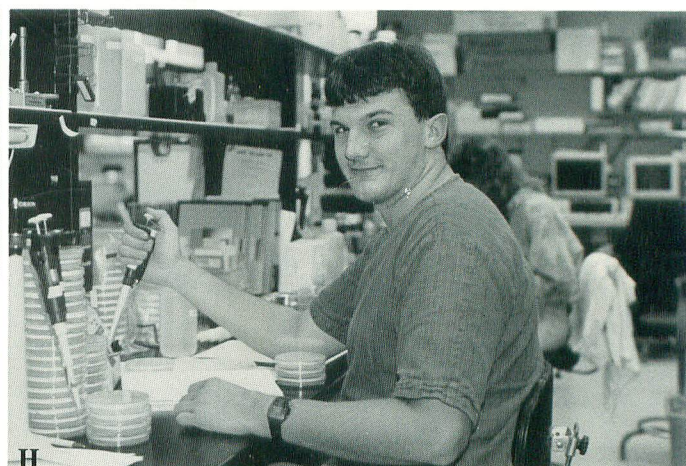
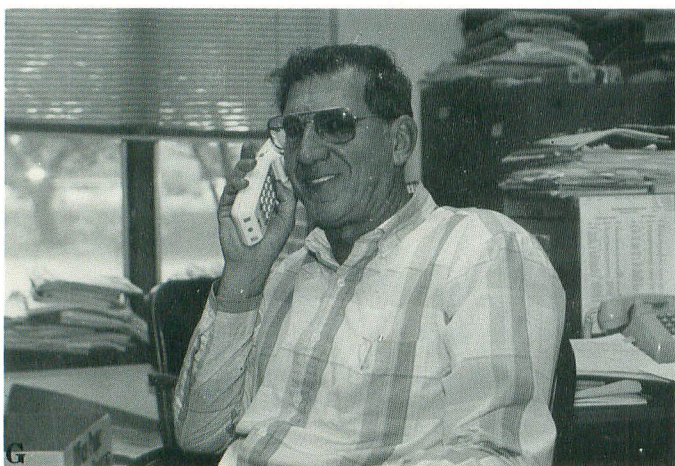
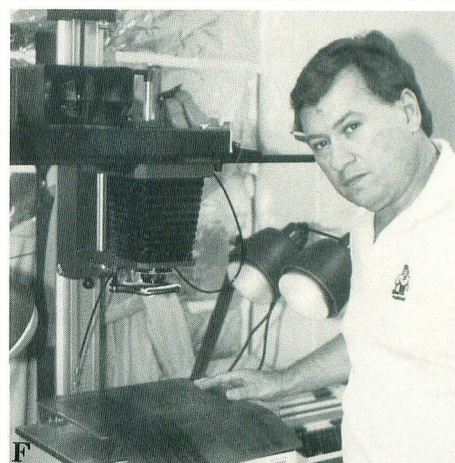
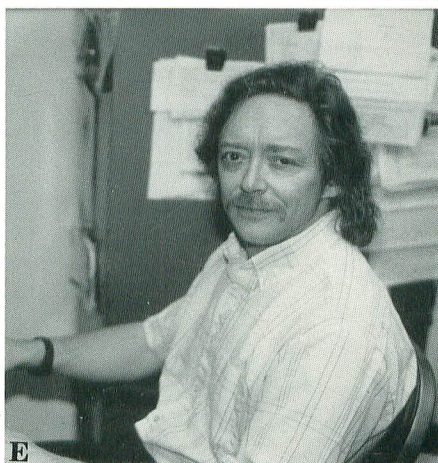
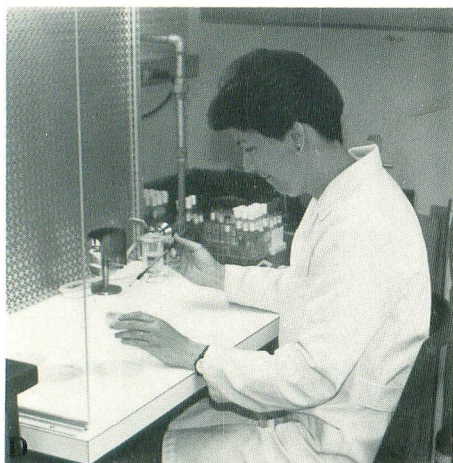
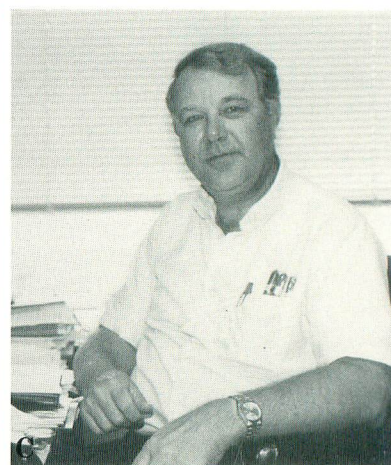
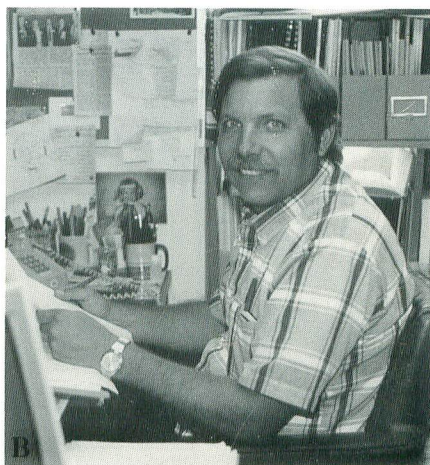
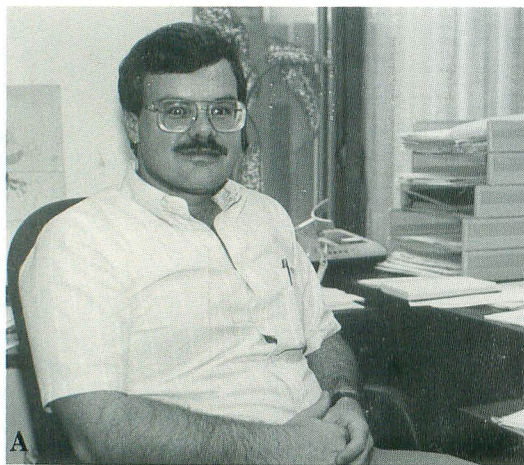
<b>SHAW, L. N., I. W. DEBICKI, H. H. BRYAN and D. HELMS</b> Double cropping tomato beds with the revolving spade planter			
<b>SHAW, PHILIP E.</b> See LIZOTTE See NISPEROS-CARRIEDO			
<b>SHEEHAN, THOMAS J.</b> See CARPENTER See DEHGAN See KANE			
<b>SHEPARD, EMILY S.</b> See PLOETZ			
<b>SHERMAN, W. B.</b> See MILLER Outstanding Paper Award			
<b>SHIRALIPOUR, AZIZ</b> See McCONNELL			
<b>SMAJSTRLA, ALLEN G.</b> See STAMPS			
<b>SOIL</b> affected by salinized irrigation water (Alva, Syvertsen) limes, flood tolerance of rootstocks (Schaffer) potting, mixed with yard waste for foliage plants (McConnell, Shiralipour)			
<b>SOLIDIFYING AGENTS</b> effects on in vitro growth of <i>Alocasia bellota</i> 'Alicia' (Griffis, Wedekind, Johnson)			
<b>SOMODI, G. CAMERON</b> See SCOTT			
<b>SONODA, R. M., D. O. CHELLEMI, R. R. PELOSI and M. COHEN</b> Patterns of citrus blight incidence in bedded Indian River area groves			
<b>SPECTROPHOTOMETER</b> sphere for orange juice color measurement (Buslig)			
<b>SPIESS, SIMONE, STEPHEN D. VERKADE and GEORGE E. FITZPATRICK</b> Effects of mycorrhizae on growth of <i>Acer rubrum</i> and <i>Raphiolepis indica</i> seedlings			
<b>SPRAYS</b> fungicides on mangos for anthracnose control (McMillan, Mitchell) oil, effects on citrus (Lee, Knapp, Syvertsen)			
<b>SQUASH</b> floating row covers to exclude insects (Webb) summer, temperature conditioning to inhibit chilling injury (McCollum, McDonald, Elmstrom)			
<b>STAMPS, ROBERT H.</b> Effects of preemergence herbicides on newly established leatherleaf fern			
<b>STAMPS, ROBERT H., WILLIAM G. BOGGESE and ALLEN G. SMAJSTRLA</b> Irrigation management practices in the leatherleaf fern industry			
<b>STANLEY, C. D.</b> See CSIZINSZKY			
<b>STANSLEY, P. A., R. E. ROUSE, R. J. McGOVERN and S. B. DAVENPORT</b> Chemical deterrents to girdling of young citrus by subterranean termites			
<b>STEINKAMP, K.</b> See POOLE			301
<b>STOFFELLA, PETER J.</b> See SARGENT Council Memorial Tomato Research Award	246		64 VIII
<b>STORAGE</b> corn plant, growth affected by time and temperature (Conover, Poole) onions, harvest effects (Sargent, et al.) pH effects on imazalil (Hall)	85 122 337 291		331 64 111
<b>STRAWBERRIES</b> planting date affects early production (Chandler, Albregts, Howard) slow-release fertilizers (Albregts, Howard)	287 21		227 244
<b>STUDENT OUTSTANDING PAPER AWARD</b> R. Nunez-Elisea with T. L. Davenport	9 VIII		VIII
<b>SVENSON, SVEN E., DIANE L. JOHNSTON and KEVIN KRAFT</b> Faster production of 'Amate' schefflera using an exterior retractable shading system Outstanding paper award	311 328		323 VIII
<b>SWAMPBAY</b> vegetative propagation (Dehgan, Sheehan)	135 31		291
<b>SWEETPOTATO</b> wireworm density and damage to different cultivars (Seal, Chalfant, Hall)	311		284
<b>SYVERTSEN, J. P.</b> See ALVA See LEE	303 259		135 203
<b>TALBOT, MICHAEL T. and C. DIRELLE BAIRD</b> Psychrometrics and post harvest operations			94
<b>TENBRINK, VICTORIA L.</b> See HANSEN	181		61
<b>TERMITES</b> subterranean, chemical deterrents to girdling of young citrus trees (Stansly, et al.)	131		156
<b>TERRY, ROBERT R.</b> Update of 1990 tree census in Polk, Lake and Orange Counties	290		217
<b>TERVOLA, R. S.</b> Outstanding paper award	114 203		VIII
<b>TIMMER, L. W., J. P. AGOSTINI, J. H. GRAHAM and W. S. CASTLE</b> Relationship of citrus rootstock to <i>Phytophthora</i> root rot and populations of <i>Phytophthora parasitica</i>	272		173
<b>TODD, NORMAN</b> Honorary Membership Award Honorary membership award	99		IX VIII
<b>TOMATOES</b> bacterial spot control (Jones, et al.) double cropping beds (Shaw, et al.) flavor volatile levels (Baldwin, Nisperos-Carriedo, Scott) hybrids, disease severity and resistance to bacterial spot (Scott, Jones, Somodi) nine-month overseasoning effect on fusarium wilt (Jones, Scott, Woltz) potting mix influence on colonization by fungi (Datnoff, Nemec, Raid) temperature influence on development of bacterial rot (Bartz, et al.) transplant age effect on production (Vavrina)	325 328 234 156		257 246 86 259 262 253 69 225

<b>TOPP, B. L.</b>		<b>VERKADE, STEPHEN D.</b>	
See MILLER	9	See FITZPATRICK	308
Outstanding paper award	VIII	See SPIESS	290
<b>TOPPING</b>		<b>VIRUSES</b>	
carambola, five-year-old trees (Crane, et al.)	57	Passiflora spp. threaten passionfruit industry (Elliott, Zettler)	49
<b>TRELLIS</b>		<b>VITAMINS</b>	
systems to optimize muscadine grape production (Leong, Lamikanra)	5	citrus juice products, nutritional labeling (Fellers, Nikdel, Lee)	89
<b>TSAI, J. H.</b>		<b>VU, J. C. V.</b>	
See POLSTON	334	See YELENOSKY	185
<b>TSENG, D. J., R. F. MATTHEWS, J. F. GREGORY, III, C. I. WEI and R. C. LITTELL</b>		<b>WAGNER, C. J.</b>	
Concentration of aqueous orange essence by sorption on styrene-divinylbenzene resin	81	See MILLER	125
<b>TUCKER, D. P. H.</b>		<b>WATER</b>	
Outstanding paper award	VIII	mango, flooding responses in limestone soil (Larson, Schaffer, Davies)	33
<b>VAVRINA, C. S.</b>		reclaimed and Florida native plants (Robinson, Parnell)	371
Effect of transplant age on tomato production	225	salinized irrigation affects citrus tree nutrition (Alva, Syvertsen)	135
<b>VEGETABLES</b>		stress in transplanting slash pines (Beeson, Gilman)	369
cabbage, insecticides to control diamondback moth (Jansson, LeCrone)	279	<b>WATER LILIES</b>	
corn, fungicidal control of foliar diseases (Raid)	267	propagation (Kane, Philman, Clayton)	319
cucumber, staking for higher yields (Hanna, Adams)	237	<b>WATERMELONS</b>	
cucumbers, yield increase by irrigation, plant spacing and higher N-P-K rates (Hanna, Adams)	240	bacterial fruit blotch, chemical control (Hopkins)	270
edible coating to extend postharvest life (Nisperos-Carriedo, Baldwin, Shaw)	122	transplant effects on production (Olson)	232
fresh, quality management in handling, packing and distribution (Orihuel-Iranzo)	219	<b>WATERS, W. E.</b>	
hydrocoolers (Emond, Chau, Brecht)	108	See HOWE	348
lettuce, corky root control (Nagata, Datnoff)	265	<b>WEBB, SUSAN E.</b>	
muskmelon, twospotted spider mite resistance (Scully, et al.)	276	Floating row covers exclude insects affecting fall-grown squash in central Florida	272
muskmelon, western-type production potential in Florida (Maynard, Elmstrom)	229	Management of grape root borer in Florida with a pheromone	3
onions, harvest effects on storage quality (Sargent, et al.)	64	<b>WEDEKIND, HEIKE</b>	
pepper, bell, polyacrylamide gel as a soil amendment (Csizinszky, Stanley, Clark)	234	See GRIFFIS	303
potatoes, yield and soft-rot influenced by fertilization (Locascio, Bartz, Weingartner)	248	<b>WEDGE, DAVID E.</b>	
potting mix influence on colonization of tomato by fungi (Datnoff, Nemec, Raid)	253	Comparative performance of four cultivars of turfgrasses in south Florida	352
psychometrics and post harvest operations (Talbot, Baird)	94	<b>WEED CONTROL</b>	
spineless yucca (Morton, Dowling)	341	herbicide use in ornamentals (Norcini, et al.)	251
squash, floating row covers to exclude insects (Webb)	272	triclopyr to control common guava and Brazilian pepper (Eger)	207
strawberries, planting date affects early production (Chandler, Albrechts, Howard)	227	<b>WEEDS</b>	
strawberries, slow release fertilizers (Albrechts, Howard)	244	common guava and Brazilian pepper, control in ditchbanks and adjacent non-crop areas (Eger)	207
summer squash, temperature conditioning to inhibit chilling injury (McCollum, McDonald, Elmstrom)	99	<b>WEI, C. I.</b>	
sweetpotato, wireworm density and damage to different cultivars (Seal, Chalfant, Hall)	284	See TSENG	81
tomato hybrids, disease severity and resistance to bacterial spot (Scott, Jones, Somodi)	259	<b>WEINGARTNER, D. P.</b>	
tomatoes, control of bacterial spot (Jones, et al.)	257	See LOCASCIO	248
tomatoes, double cropping beds (Shaw, et al.)	246	<b>WHEATON, T. ADAIR</b>	
tomatoes, flavor volatile levels (Baldwin, Nisperos-Carriedo, Scott)	86	See PARSONS	144
tomatoes, nine-month overseasoning effect on fusarium wilt (Jones, Scott, Woltz)	262	Outstanding Paper Award	VIII
tomatoes, temperature influence on development of bacterial rot (Bartz, et al.)	69	<b>WHITNEY, J. D.</b>	
tomatoes, transplant age effect on production (Vavrina)	225	Outstanding Paper Award	VIII
watermelon, transplant effects on production (Olson)	232	<b>WILDLIFE</b>	
watermelons, chemical control of bacterial fruit blotch (Hopkins)	270	landscaping (Huegel, Mazzotti, Schaefer)	380
		<b>WILFRET, GARY J.</b>	
		Effect of growth regulators on potted chrysanthemums	314
		<b>WILHITE, DIANA L.</b>	
		See ISMAIL	77
		<b>WILLIAMSON, JEFFREY G.</b>	
		The influence of rootstock sprouts on growth of citrus nursery plants	195
		See MAUST	191

<b>WILLIS, LEAH</b>		cucumbers, staking (Hanna, Adams)	237
See CRANE	57	potatoes, influenced by fertilization (Locascio, Bartz,	
See CRANE	286	Weingartner)	248
<b>WIREWORM</b>		<b>YUCCA</b>	
density and damage to sweetpotato cultivars (Seal,		spineless, for ornamentals and food (Morton, Dowling)	341
Chalfant, Hall)	284	<b>ZEKRI, MONGI and ROBERT C. J. KOO</b>	
<b>WOLTZ, S. S.</b>		Comparative effects on controlled-release and soluble	
See JONES	257	fertilizers on young ‘Valencia’ orange trees	199
See JONES	262	<b>ZETTLER, F. W.</b>	
<b>WUTSCHER, H. K. and F. W. BISTLINE</b>		See ELLIOTT	49
Frequency and distribution of citrus blight in a test of new		<b>ZIMET, DAVID J.</b>	
hybrid rootstocks	178	See NORCINI	251
<b>YELENOSKY, G., J. C. V. VU and C. J. HEARN</b>		<b>ZOELLNER, JUDITH J.</b>	
Cold hardiness comparison of young trees of ‘Ambersweet’		See SARGENT	64
with ‘Valencia’ orange during controlled freezes	185		
<b>YIELDS</b>			
cucumbers, increased by irrigation, plant spacing and higher			
N-P-K rates (Hanna, Adams)	240		



**THE VEGETABLE RESEARCH, TEACHING AND EXTENSION PROGRAM**  
**Institute of Food and Agricultural Science**  
**University of Florida, Gainesville**



*A, B, and C. Drs. Steve Sargent, George Hochmuth and Bill Stall work directly with commercial growers in post-harvest, nutritional, cultural and weed control, respectively. D. Debbie Williams in Dr. Tom Bewick's lab, studies a fungus potential against the nutsedge weed. E. Dr. Don Huber deals with fundamental aspects of post-harvest vegetables. F. Dr. Curt Hannah is a molecular geneticist researching sweet corn improvement. G. Dr. Sal Lacascio for 30 years has been working directly with vegetable growers, concentrating on mineral nutrition, water relations and weed control. H. Michael Rooney is Dr. Rob Ferl's graduate candidate for a Ph.D. in the field of plant molecular and cellular biology.*

### In General

Fundamental research by the Vegetable Crops faculty helps to give answers to grower and consumer concerns. Current on-going research includes stand establishment, plant nutrition, post-harvest physiology, plant breeding, tissue culture, seed physiology, weed management and sustainable agriculture. Through teaching efforts, the faculty hopes to provide well-trained young people to serve in the vegetable industry and academia. The extension effort is focused on providing growers with the latest research information available. (Total display arranged by faculty members Drs. Tom Bewick, Steve Sargent and Jim Stevens. Most photos by Norm Childers, Editor)