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Biographical Information

May 8, 2007

CAREER INFORMATION

1986 – Present: President, Arapaho Citrus Management, Inc.

Arapaho is a citrus management and grove care company in Ft. Pierce, Florida. The company has been in business for 21 years, and currently offers a complete range of services, including full management and customized applications. Services are provided throughout the citrus areas of Florida. The web site of Arapaho is ArapahoCitrus.com.

2001- Present: Owner of The Orange Shop in Citra, Florida

The Orange Shop is a retail and gift fruit shipping operation in Citra, Florida that has been in business since 1936. Citra was the center of the Florida citrus industry at the turn of the century. Citra is located about 18 miles north of Ocala, on the southern bank of Orange Lake. The web site is FloridaOrangeShop.com

1986 - Present Citrus Consultant

Consulting services are provided to citrus growers, prospective buyers, private companies, and government agencies. Experience includes new grove development, grove purchase assessments, grove rejuvenation and redevelopment, and financial projections. More recently, involved in development of Growth Management initiatives for governments in Florida. In addition to Florida, have provided services to growers in Argentina, Turkey, Mexico, Tunisia, St. Kitts, and Ghana. Participated as Agricultural Consultant on the North St. Lucie Charette team organized by the Treasure Coast Regional Planning Council in 2005.

PAST CAREER INFORMATION

1981-86: Citrus Specialist, Florida Cooperative Extension Service, University of Florida, St. Lucie, Martin, and Okeechobee Counties

Responsible for educational programs for citrus growers that helped them apply new research information. Also acted as liaison between the industry and U of F and USDA research programs. Helped introduce new practices for fresh fruit production. Participated in the design and development of the St. Lucie County Agricultural Complex. Awarded tenure in a U of F faculty position.

1977-81: Citrus Specialist, Florida Cooperative Extension Service, Indian River County

Agricultural Agent in Indian River County, with emphasis on citrus. Programmatic responsibilities also included beef cattle, range management, vegetable and field crop production, and ornamental horticulture. Served as Liaison for the Indian River County Board of County Commissioners with the St. Johns River Water Management District during the development of the Upper St. Johns Reclamation Plan.

EDUCATION

Master of Science in Tropical and Subtropical Fruit Production - December 1976 University of Florida, Gainesville.

Masters Thesis: Spyke, P.D., L.K. Jackson, J. Soule, "Weed Control Practices in the Indian River Citrus Area" *Proceedings of the Florida State Horticultural Society 90:1977.*

Bachelor of Science in Fruit Crops - December 1974 - University of Florida

Graduated with Honors
Phi Kappa Phi Honor Society
Gamma Sigma Delta Honor Society
Alpha Zeta Honorary Agricultural Fraternity

Associate of Arts - June 1972 - Broward Community College, Ft. Lauderdale, Florida

AGE: 55

BIRTHPLACE: Davie, Florida

BACKGROUND: Native Floridian and third-generation citrus grower from Broward County. Family has been in the gift fruit shipping business since the 1940's.

INDUSTRY ACTIVITIES

Indian River Citrus League Rural Lands Committee. This committee was organized in 2004 as a forum to determine regional implications of the effect of land development trends on the area's agricultural industries and rural lands.

Co-Chair, Committee for Sustainable South Florida Rural Lands Subcommittee. The CSTC was organized by Sen. Ken Pruitt to provide a vision for the Treasure Coast area in 2030. Helped organize the Rural Lands Subcommittee to develop the section of the report on agriculture and rural lands.
Website: www.sustainabletc.org

Secretary, Treasure Coast Agricultural Research Foundation. The Foundation leases land surrounding the University of Florida Indian River Agricultural Research and Education Center in Ft. Pierce, and provides funding for field research on the land.

Member, Florida Citrus Production Research Advisory Council. The Council administers approximately \$1.5 million in grower taxes, raised to fund citrus production research in Florida.

Member, Florida Farm Bureau Trade Advisory Committee.

Past Member, Planning Committee for Agro-Ecology Conference Workshop, “Can We Preserve Agriculture in the South Florida Landscape”, held on September 17, 2003 in Ft. Pierce.

Past Member, Treasure Coast Regional Planning Council. The Council is responsible for regional planning in Palm Beach, Martin, St. Lucie, and Indian River Counties. Appointed to Council by Governor Lawton Chiles. Secretary-Treasurer in 1995, Vice Chairman in 1996, and Chairman in 1997. Also Chairman of Strategic Policy Plan Development Committee, which developed a Policy Plan that has received national and international recognition for sustainable development policies.

Past Member, USDA User’s Advisory Board. Served on UAB during the last two years it was active, 1994-95. Participated in the development of Science and Technology 2000 publication.

Decision Information Systems for Citrus (DISC). DISC is an ad-hoc group of growers, researchers, extension personnel, and private industry representatives that are developing automated decision systems for citrus production. The systems will be used in conjunction with "precision agriculture" technologies to improve the ability of growers to perform cultural practices in commercial groves. The Florida Citrus Production Research Council has funded the group for 6 years. Helped organize and administer the group.

Past Member, Florida Agricultural Weather Task Force. This is a group that was formed to improve weather information available for the Florida agricultural industry. The Task Force was successful in obtaining funding from the Florida Legislature to initiate a statewide network of automated weather stations that provide information to weather forecasters and growers. The Florida Automated Weather Network (FAWN) includes a web site with interactive weather data displays and other useful features.

Past Member, Florida Citrus Commission Research Advisory Council. The Council was responsible for advising the Citrus Commission regarding in-house and sponsored research programs. Served as Chairman for 7 years.

Also:

Indian River Citrus League - Production Committee and Land & Water Management Committee Member

Indian River Citrus BMP Implementation Task Force Member

Member, St. Lucie County Extension Growth Management Advisory Committee

Past Supervisor of the Indian River Soil and Water Conservation District. Elected in general election for 3 terms.

Florida State Horticultural Society Member. Served on Board of Directors in 1997, Nominating Committee Chairman in 2002.

Florida Farm Bureau Member.

RECENT PUBLICATIONS, PRESENTATIONS, AND FEATURE ARTICLES

"Practical Spray Technology at the Grower Level". Spyke, P.D. *The Citrus Industry Magazine*, May 1993.

"Aim for High Production to Achieve Low Cost Per Box", *Crop Protection Manager Magazine*, March 1995

"Genetic Improvement Needs for Fresh Citrus". Verbal Presentation to the Citrus Scion/Rootstock Improvement Group, Lake Alfred, Florida, April 3, 1995.

"Arapaho Citrus and Monsanto Design Prescription Piggyback Applicator". Spyke, P.D, and Doug Schobert, *The Citrus Industry Magazine*.

"What's In Store for the Indian River Citrus Industry". Verbal Presentation. *South Florida County Property Appraisers Association Annual Meeting*. November 9, 1994.

"Decision Information Systems for Citrus". *Proceedings of the Florida Agricultural Conference and Trade Show*, October 1996.

"Computers in Citrus". Spyke, P.D. *The Citrus Industry Magazine*. November 1996,

"Satellite Farmer Sees Every Tree". Schucman, Lisa. *The Palm Beach Post, Business and Technology Section*, January 6, 1997.

"Crop Consultants - Citrus Report". *Crop Protection Manager Magazine*, March 1997

"Citrus Grove Development in the Flatwoods Areas of Florida". Seminar, *University of Florida Production Managers Seminar*, March 19, 1997.

"Weather Measurement and Forecasting in the Age of Precision Ag for Improved Disease Management". Verbal Presentation. *Certified Crop Advisor Continuing Education Meeting*, May 6, 1997.

"Decision Information Systems for Citrus". Verbal Presentation. *University of Florida Citrus Research and Education Center Faculty Seminar*, Lake Alfred, Florida, May 13, 1997.

"Decision Information Systems for Citrus". Verbal Presentation. *Florida Farm Bureau Precision Agriculture Conference*, Gainesville, Florida, September 18, 1997.

"The Role and Future of Precision Agriculture". Verbal Presentation. *American Association for the Advancement of Science Conference - "High-Tech Florida Means Business*, Orlando, Florida, September 29, 1997.

"The WELS Weather Forecasting System". Verbal Presentation. *Weather Seminar for Florida Citrus Growers*, Citrus Research and Education Center, Lake Alfred, Florida, October 7, 1997.

"Overview of the Florida Citrus Industry". Verbal Presentation. *Citrus Seminar Sponsored by the Turkish-American Business Association and Cine Tarim Agricultural*, Seyhan Hotel, Adana, Turkey. October 20, 1997.

"Precision By Degrees". Reeve, Stuart. *Dealer Progress Magazine*, December 1997

"A Helping Hand - Decision-making software will offer Florida citrus growers a tool for improved cost-effectiveness". Salmons, Alicia C. *The Grower Magazine* January 1998.

"Fertilizers - Let the Grove Talk to You". Neff, Ernie. *The Citrus Industry Magazine*, January 1998.

"DISC Group Making Strides Toward Precision Agriculture: New Objectives Added for Second Year of Project". Spyke, P.D. and J. David Martsolf *The Citrus Industry Magazine*, Vol. 79(20):32,34.

"Grapefruit Growers Ponder Options at Indian River and Ridge Meetings". Stover, Ed and Jack Hebb. *The Citrus Industry Magazine*, June 1998.

"DISC Make Progress with Information Integration". Martsolf, J. David, Robert M. Peart, Peter D. Spyke, Norman Todd, Chet Townsend, Howard Beck, and John K. Schueller. *Proceedings of the Florida State Horticultural Society*, Vol. 111, 1998.

Lin, Nan, H.W.Beck, F.S.Zazueta, L.G. Albrigo, T.A.Wheaton, W.S.Castle, J.I.Valiente, J.D.Martsolf, J.J.Ferguson, R.M.Peart, and P.D.Spyke, 1999. Decision information systems for Citrus. *Proc. Fla. State Hort. Soc.* 112:40-43.

"Finding Room to Grow – Examining the effects of urban sprawl on Florida’s farmers”. Morey, Lesa. *Florida Grower and Rancher*, August 2000:10-11.

"DISC – Citrus Phenology and Pest Models”. Oral presentation. *Workshop on Precision Agriculture for Florida Citrus. October 10, 2000. Citrus Research and Education Center, Lake Alfred.*

"BMP’s – What Has Been Done and What To Expect”. Oral Presentation. *Citrus Squeezer Seminar, Immokalee REC, December 18, 2001.*

"Use of Soil Moisture Sensors in Irrigation System Management”. Oral Presentation, *Florida State Horticultural Society Annual Meeting, June 4, 2002.*

Martsolf, David and Peter Spyke, 2002. "Lower Freeze Risk this Winter?" *The Citrus Industry Magazine*, December 2002.

"DISC” Decision Support System. Oral Presentation. *Precision Agriculture Workshop for Agents and Industry. Cocoa, Florida. February 13, 2003.*

"Connecting Agriculture to South Florida Community Values”. Oral Presentation. *Second Agro-Ecology Conference. September 17, 2003. Ft. Pierce, Florida.* Participated in planning of event, and led panel discussion.

“New Land Development Measures to Include Agriculture”. Oral Presentation, Panel Discussion. *Rural Lands Symposium*. December 5, 2003. Port St. Lucie, Florida.

“Florida Water Issues: Lessons Learned & Future Challenges”. Oral Presentation. *National USDA/CREES Water Quality Conference*. Clearwater, Florida. January 13, 2004.

“DISC Support Systems”. Oral Presentation. *Precision Agriculture for Florida Citrus – II*. January 21, 2004. Citrus Research and Education Center, Lake Alfred.

“Presentation by Panelists on Land Use Issues: Citrus”. Oral Presentation. Florida Section of American Society of Agricultural Engineers 2004 Annual Conference. June 3, 2004. Stuart, Florida.

“The Future of Rural Lands in the Treasure Coast”. Oral Presentation. Leadership Martin County Economic Day. March 3, 2005.

“Growth Management Panel Discussion”. Panel Discussion with Audubon Society of Florida and Treasure Coast Regional Planning Council. Florida Soil and Water Conservation Council Meeting, Marco Island, Florida. July 18, 2005.

“Developing Connections Between Urban and Farm Communities”. Oral Presentation. 14th Citrus Expo, Ft. Myers, Florida. August 24, 2005.

“Sustainable Treasure Coast”. Panel Discussion. Growth Management and Environmental Permitting Short Course. February 16, 2006.

“Life on the Farm after TDR’s”. Oral Presentation. Pre-Public Interest Environmental Conference Workshop on Transfer of Development Rights in Florida: Conservation and Targeted Growth. University of Florida, Gainesville. March 9, 2006