

GALEN FRANTZ

CURRICULUM VITAE

EDUCATION and TRAINING:

General:

- Michigan State University, East Lansing, Michigan; BS (1974) cum laude; Entomology Major.

Food Safety Training:

- "Independent Third Party Auditor Training for Food Safety Farmsite and Harvest Crew Audits", PrimusLabs.com, Belle Glade, FL, 1/31/00 (Shadow Audit)
- "Independent Third Party Auditor Training for Food Safety Farmsite, Harvest Crew and Facility Audits", PrimusLabs.com, Naples, FL, 1/04-05/01 (Certificate Issued)
- "How to Reduce Decay Potential in Packinghouses", UF Miami Dade County Extension, Homestead, FL, 01/23/01.
- "Food Safety Track", Educational Sessions, United Fresh Fruit and Vegetable Association "United 2001" Exposition, Tampa, FL, 3/17-18/01
- "How to Facilitate a Traceback Investigation", United Fresh Fruit and Vegetable Association "United 2001" Exposition, Tampa, FL, 3/19/01
- "Food Safety Issues" Martha Roberts, deputy commissioner of food safety, FDACS, Tallahassee, at 2001 Florida Citrus Expo, Fort Myers, FL 8/22/01.
- "Establishing a Better Understanding of GAPS and Retail Purchasing Specifications" Workshop, University of Florida, IFAS, USDA/CSREES, FFVA, Gainesville, FL 7/14-16/02
- "Produce Safety and Developing Good Agricultural Practices", University of Florida, IFAS, Homestead, FL, 7/30/02
- "Good Agricultural Practices Workshop: Current Topics in Sanitation and Safety", University of Florida, IFAS, Immokalee, FL, 11/06/02.
- "Shadow HACCP Audit", PrimusLabs.com, San Juan, PR 1/20/03
- "Introduction to HACCP", PrimusLabs.com, Immokalee, FL, 5/8/03 (Certificate Issued)
- "Introductory Course for HACCP Training, Development and Implementation", Professional Food Safety, Inc., Atlanta, GA 04/19-20/04. (Training certified by The International HACCP Alliance)

GLP Training:

- "Application of GLPs to Field Trials", B.L. Haley, Inc., Jupiter, FL, 1/12/95.
- "Application of GLPs to Field Studies--A Practical Approach", West Coast Quality Training Institute, 1/19-20/95.
- "Continuing Education", National Alliance of Independent Crop Consultants, 1/25-27/96
- "Quality Assurance Audits, Inspections, and Responsibilities", West Coast Quality Training Institute, 03/07-08/96
- "GLP Training", Pacific Rim Consulting/West Coast Quality Training Institute, 3/28/96
- "Application of GLPs to Field Studies for Glades Crop Care", West Coast Quality Training Institute Northwest, 2/25/97.
- "Transferable Turf Residue Sampling Techniques", Outdoor Residential Exposure Task Force, 1/21/98.
- "GLPs for Field Studies", Pacific Rim Consulting/West Coast Quality Training Institute Northwest, 1/30/98.
- "Continuing Education", National Alliance of Independent Crop Consultants, 1/17-21/01
- "FieldNotes 3.3", Astrix Software Technology, Boca Raton, FL, 2/23/01

IPM Training:

- Glades Crop Care, Inc. Scout Training 1981 to present (ongoing).
- “Management of Spring Vegetable Pests in SW Florida, Spintor Update”, University of Florida, IFAS, Immokalee, FL 2/16/00
- “Management of Cucurbit Diseases, Overview of Phytophthora...”, University of Florida, IFAS, Immokalee, FL 3/22/00
- “Sampling, Identification and Management of Nematodes in Florida Vegetable Crops”, University of Florida, IFAS, 3/13/01
- "K-PAM/VAPAM 2001 Applicator/Consultant Training", AMVAC and IFAS, Immokalee, FL, 6/06/01.
- “Methods of Estimating Water Use for Vegetable Crops”, University of Florida, IFAS, Immokalee, FL 8/29/01
- "FACTS Learning Zone", IFAS, Lakeland, FL, 10/02/01.
- “Mycorrhizae, What they are...”, University of Florida, IFAS, Immokalee, FL 10/30/01
- “Whitefly Management in Spain & in Southwest Florida”, University of Florida, IFAS, Immokalee, FL 8/20/02
- “Spring Vegetable Field Day”, University of Florida, IFAS, Bradenton, FL 4/10/03
- “Spring Vegetable Field Day”, University of Florida, IFAS, Immokalee, FL 5/13/03
- “Spring Vegetable Field Day”, University of Florida, IFAS, Quincy, FL 6/05/03
- “Vegetable Growers Meeting: Pesticide Resistance Management”, University of Florida, IFAS, Immokalee, FL 9/16/03

PROFESSIONAL EXPERIENCE:

Glades Crop Care, Inc., Jupiter, Florida, 1981 to present.

Consulting: As Senior Crop Management Specialist my responsibilities include integrated pest management practice and research in vegetables, ornamentals, fruits and field crops (1981 to present). I have participated in field training for new scouts and in the preparation of educational materials, including scouting manuals and tutorial software (1983 to present).

Research: My research duties include the conduct, supervision and evaluation of efficacy trials (1981 to present). I have also conducted research on the biological control of pepper pests (1993-95, USDA SARE/ACE Producer Initiated Grant # PG 94-19 and 1995-96, USDA/SBIR Award # 95-33610-1443), the measurement of integrated pest management implementation (1997-98, EPA/PESP, NFIPME ID #54), the development of crop profiles, field testing of alternative pest management methods and the evaluation of historical and current pesticide use patterns (1999-2000, USDA/PMAP Agreement # 98-34381-3856). From 2001-03, research into alternative pest management methods has continued, with an emphasis on applying Global Positioning Systems and Geographical Information Systems to region-wide pest management of major pests of citrus and vegetables (USDA/RAMP project). I also serve as Quality Assurance Officer for residue studies conducted under FIFRA/TSCA Good Laboratory Practice Standards.

Food Safety: Beginning in 1999, I have been involved with food safety issues in south Florida’s fresh produce industry. I received certification as an affiliated independent third party auditor from PrimusLabs.com in 02/00 for farmsite and harvest crew auditing, and for facility auditing in 01/01. My auditing scope was expanded to include Hazard Analysis Critical Control Points (HACCP) with training events in 01/03 and 02/03. My activities in this rapidly expanding field involve several crops and facility types in Colorado, Florida, Georgia, Puerto Rico, Maryland, Pennsylvania, New Mexico, North and South Carolina, Texas, and Virginia.

Yoder Brothers, Alva Florida, 1978 to 1981. Entomologist. Responsibilities included conduct of efficacy testing, insect monitoring and basic biology investigation involving insect pests of ornamental crops.

PROFESSIONAL AFFILIATIONS:

- Florida State Horticultural Society
- National Alliance of Independent Crop Consultants

CERTIFICATIONS:

- Board Certified Entomologist through Entomological Society of America in Agricultural Entomology and in Pest Management (1991-94 and 1995 to 2002, currently being renewed)
- Florida Department of Agriculture and Consumer Services Commercial Applicator Restricted Use Pesticides License # 002422, issued 7/15/96. Crop Advisor Exemption sticker added 12/97.
- Affiliated Food Safety Auditor for Ranch, Harvest Crew, Packinghouse and Cold Storage Facility Audits, PrimusLabs.com, 2/00.
- Affiliated Food Safety Auditor for HACCP Audits, PrimusLabs.com, 5/03.
- Certified Crop Adviser (Certificate # 34481) through The American Society of Agronomy, Florida Certified Crop Adviser Board, 3/26/04.

HONORS:

- USDA Certificate of Appreciation (1991)
- Florida Entomological Society Achievement Award for Industry (1991)
- Florida State Horticultural Society President's Industry Award (1998)
- Florida State Horticultural Society President's Industry Award (1999)

PROFESSIONAL CONFERENCES and SEMINARS:

- National Alliance of Independent Crop Consultants Annual Meeting, Orlando, FL, 1/24-28/96
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/04/96
- University of Florida, IFAS, National Pepper Conference, Naples, FL, 12/08-11/96
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/03/97
- Florida State Horticultural Society Annual Meeting, Orlando, FL, 11/2-4/97
- National Alliance of Independent Crop Consultants Annual Meeting, Washington, DC, 1/21-24/98
- Palm Beach County Cooperative Extension Service, 4th Conference on Sustainable Agriculture and the Environment: Policy and Production 5/20-21/98
- Florida Fruit and Vegetable Association, Pesticide Resistance Management Workshop, Sanibel Island, FL, 8/03/98
- Florida Entomological Society Annual Meeting, Sanibel Island, FL, 8/03-06/98
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/09/98
- Florida State Horticultural Society Annual Meeting, St. Petersburg, FL, 11/01-03/98
- University of Florida, IFAS, Methyl Bromide Alternatives, Immokalee, FL 5/12/99
- Florida Fruit and Vegetable Association, FDA's Food Safety "Guide" Overview, Naples, FL, 8/05/99
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/08/99
- University of Florida, IFAS, BMPs for Agricultural Handling and Farm Equipment Maintenance, Immokalee, FL, 10/20/99
- University of Florida, IFAS, 2000 Florida Postharvest Horticulture Institute, Immokalee, FL, 3/06/00
- University of Florida, IFAS, Tomato Variety Trials, Immokalee, FL, 4/18/00
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/06/00
- National Alliance of Independent Crop Consultants Annual Meeting, Orlando, FL, 1/17-21/01
- United Fresh Fruit and Vegetable Association "United 2001" Exposition, Tampa, FL, 3/17-19/01
- University of Florida, IFAS, 2001 Florida Citrus Expo, Fort Myers, FL 8/22/01.
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/05/01
- University of Florida, IFAS, Florida Agricultural Conference and Trade Show (FACTS), Lakeland, FL, 10/02/01
- University of Florida, IFAS, Florida Tomato Institute, Naples, FL 9/04/02
- University of Florida, IFAS, Product Updates, Immokalee, FL, 10/17/02
- Glades Crop Care, Inc., University of Wisconsin, Benbrook Consulting, Innovations in IPM Tour and Roundtable, Fort Myers, FL 3/17-21/03
- Bayer CropScience, "Admire University", Islamorada, FL, 07/15-18/03

- University of Florida, IFAS, Florida Tomato Institute, Naples, FL, 9/03/03

PUBLICATIONS:

- Bottenberg, H., G. Frantz and H.C. Mellinger. 1999. Refuge and cover crop plantings for beneficial insect habitats. Proceedings, Florida State Horticultural Society. 112:339-341
- Brust, G., H.C. Mellinger and G. Frantz. 2000. Managing companion plantings and weeds to augment beneficial insect populations in pepper. Proceedings, Florida Agricultural Conference & Trade Show. PRO 516, pages 37-38.
- Childers, C. and G. Frantz. 1994. Ring spot damage to Florida citrus fruit caused by thrips feeding injury. Citrus Industry. May 1994.
- Frantz, G. 2002. Food Safety Education and Implementation Program for Florida Producers, Presentation by G. Frantz at 2002 Florida Tomato Institute, Naples, FL.
- Frantz, G. 2002. Third Party Audits. Proceedings 2002 Florida Tomato Institute. PRO 518
- Frantz, G. and H.C. Mellinger. 1999. IPM Adoption Evaluated: A Strong Foundation for a Safe, Profitable Tomato Crop. Proceedings 1999 Florida Tomato Institute. PRO 516, pages 22-37.
- Frantz, G., and H.C. Mellinger. 1990. Flower thrips (Thysanoptera: Thripidae) collected from vegetables, ornamentals and associated weeds in south Florida. Proceedings, Florida State Horticultural Society. 103:134-137.
- Frantz, G., and H.C. Mellinger. 1997. Aspects of biologically based pest management in commercial pepper production. Proceedings, Florida State Horticultural Society. 110:295-298.
- Frantz, G., and H.C. Mellinger. 1998. Measuring integrated pest management adoption in south Florida vegetable crops. Proceedings, Florida State Horticultural Society. 111:82-87.
- Frantz, G., and H.C. Mellinger. 1998. Potential use of *Beauveria bassiana* for biological control of thrips in peppers. Proceedings, Florida State Horticultural Society. 111:79-81.
- Frantz, G., and H.C. Mellinger. 2001. Experiments With Systemic Acquired Resistance for Management of Bacterial Spot Disease in Tomatoes. 2001 Proceedings, Florida Agricultural Conference and Trade Show (FACTS), Elizabeth Lamb and Gene McAvoy, editors. pp. 31-32.
- Frantz, G., F. Parks and H. C. Mellinger, 1995. Thrips population trends in peppers in southwest Florida. pp. 111-114. in Thrips Biology and Management. B. L. Parker, Margaret Skinner and Trevor Lewis, editors. NATO ASI Series A: Life Sciences, vol. 276, 633 pp.
- Frantz, G., H.C. Mellinger, and T. Fasulo. 1997. THRIPS, a computerized knowledgebase for the identification and management of thrips infesting vegetables in the United States. Proceedings, Florida State Horticultural Society. 110: 298-299.
- Frantz, G., L. Jacobs, G. D. Sutherland and H. C. Mellinger. 1996. Seasonal abundance of thrips (Thysanoptera: Thripidae) and their predators in peppers and ground cover plantings in south Florida. 1996 Proceedings of the National Pepper Conference, Don Maynard, editor. pp. 57-60.
- Frantz, G., M. Mellinger, and C. Mellinger. 1996. "Pepper Scouting: Incorporating IPM in Your Operation." Citrus and Vegetable Magazine. April, 1996. pp. 14-17.
- Mellinger, H.C., and G. Frantz. 2000. Measuring the Success of South Florida Fresh Tomato IPM Systems. Presentation by H.C. Mellinger at American Phytopathological Society Annual Conference, New Orleans, LA, 8/16/00.
- Mellinger, H.C., G. Frantz, and F. Parks. 1996. Management and Dispersal of *Thrips palmi* in Florida. Poster Display, Third National IPM Symposium/Workshop, Washington, D.C.
- Mowery, C., G. Frantz and H.C. Mellinger. 2002. Florida's Food Safety Initiative. Presentation at GAPs Seminar, University of Florida, IFAS, Immokalee, FL 11/06/02.

This Curriculum Vitae is accurate and requires no change.

Name

Date