

Joseph M. Hannan

Commercial Horticulture Field Specialist

Iowa State University

Iowa State University Extension and Outreach Field Specialist Joseph M. Hannan supports the Local Foods Industry and is tasked with developing a regional extension education program for Iowa's commercial fruit and vegetable producers. His expertise is in Commercial fruit and vegetable production including small fruits, tree fruits, and vegetables; soil fertility; irrigation; high tunnel production; and food safety. His goal is to increase the quality, quantity, and safety of produce entering the local market.

PROFESSIONAL EXPERIENCE

Iowa State University

Commercial Horticulture Field Specialist

November 2010 – Present

- Develop a regional extension education program for Iowa's commercial fruit and vegetable producers with emphasis on research, education, and outreach.
- Develop, deliver, and evaluate educational programs derived from needs assessment primarily focused around vegetable production in high tunnels, Produce Safety Alliance curriculum, apple production, and small fruit production.
- Edits and contribute content for websites, podcast, newsletters, and social media.
- Coordinate beginning farmer and apple peer groups.
- Provide leadership and subject matter support to local, state, and regional teams.
- Diagnose, consult, and provide technical assistance to Iowa farmers in the field and remotely.
- Build partnerships and networks across the Midwest region.
- Mentor new employees.

Agriculture Specialist

June 2006 – November 2010

- Work as a team to: bulk produce corn, soybeans, snap beans, and melons; conduct fruit, vegetable, and commodity crop research and demonstrations; promote the farm and research projects through field days, newsletters, and a website.
- Hire and supervise part-time employees and interns as well as coordinate vineyard employees to successfully complete farm projects.
- Maintain a clean, organized, and functioning farm and equipment.
- Manage the research vineyard at offsite location.

Roscommon Berry Farm

Owner Operator

March – August 2017

- Manage production, harvest, sale, and delivery of strawberries to local wholesale outlets.

French Family Farms

Production Manager

March – August 2017

- Manage production, harvest, and delivery of tomatoes to local wholesale outlets.

EXTENSION CURRICULUM DEVELOPED

- Iowa High Tunnel Fruit and Vegetable Production Manual
- Introduction to High Tunnels e-course
- Advanced High Tunnel Tomato and Bramble Production Courses
- High Tunnel Beyond the Basics
- Drip Irrigation School

EDUCATION

- M.S., Horticulture. Iowa State University May 2011
- B.S., Horticulture. Iowa State University May 2005

MEMBERSHIPS

- Iowa Fruit and Vegetable Growers Association, advisory board member
- Practical Farmers of Iowa
- Midwest Fruit Workers

AWARDS

- ANR Innovation in Programming individual award

SELECTED PUBLICATIONS

Hannan, J., L. Naeve, A. Nair, L. Jesse, L. Rodriguez-Salamanca, C. Chase, P. O'Malley. 2017. "Iowa High Tunnel Fruit and Vegetable Production Manual". Hort 3060. Extension Store. Iowa State University Extension and Outreach.

Hartsook, C., J. Hannan. 2017. "Introduction to High Tunnels eCourse". Hort 3070. Extension Store. Iowa State University Extension and Outreach.

Hannan, Joseph M. 2016. "Managing Spotted Winged Drosophila in Commercial Fruit Production." Hort 3039A. Extension Store. Iowa State University Extension and Outreach.

Nair, A., J. Hannan. 2015. "Recommended tomato varieties for commercial production in Iowa". Hort 3024. Extension Store. Iowa State University Extension and Outreach.

Hannan, J. 2012. Black degradable plastic mulch evaluation. Ann. Prog. Rept. – 2011 for Hort. Res. Sta., ISRF11-36. P. 25-26.

Domoto, P., G. Nonnecke, J. Hannan, D. Portz, L. Riesselman, B. Havlovic, N. Howell, K. Pecinovsky, and K. VanDee. 2011. 2003 Wine grape cultivar trial performance. Ann. Prog. Rept. – 2010 for Muscatine Island R&D Farm, ISRF10-20; Hort. Res. Sta., ISRF10-36; Armstrong R&D Farm, ISRF10-12; Northeast R&D Farm, ISRF10-13; and Southeast R&D Farm, ISRF10-34.

Hannan, J., P. Domoto, G. Nonnecke, and T. Loynachan. 2011. Potassium-magnesium antagonism in high magnesium vineyard soils. M.S. Thesis. Ann Arbor: ProQuest/UMI.

Hardy, C. 2010. Aronia berry profile for Agricultural Marketing Resource Center. Revised October 2013 by Joseph M. Hannan.

Lawson, V., J. Hannan. 2010. All-America Selections® Vegetable Trial. Ann. Prog. Rept. – 2009 for Muscatine Island R&D Farm, ISRF09-20:7.

Hannan, J., V. Lawson. 2009. All-America Selections Vegetable Trial. Ann. Prog. Rept. – 2008 for Muscatine Island R&D Farm, ISRF08-20:4.