

# Timothy A. Delbridge

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## CONTACT INFORMATION

Department of Applied Economics  
Oregon State University  
Corvallis, OR

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## RESEARCH INTERESTS

Specialty Crop Economics, Farm Financial Management, Sustainable Agriculture, Risk Management

## EDUCATION

**University of Minnesota**, Saint Paul, MN  
Ph.D., Applied Economics, June 2014  
M.S., Applied Economics, August 2011  
**University of Wisconsin-Madison**, Madison, WI  
B.A., International Studies, December 2003

## EMPLOYMENT

**Oregon State University  
Corvallis, OR**

Assistant Professor

**Sept. 2022 - present**

**California Polytechnic State University  
San Luis Obispo, CA**

Associate Professor  
Assistant Department Head  
Assistant Professor

**Sept. 2021 - Aug. 2022**  
**Sept. 2021 - Aug. 2022**  
**Sept. 2015 - Sept. 2021**

**Oregon State University  
Corvallis, OR**

Instructor and Research Associate

**Aug. 2014 - Jan. 2015**

**University of Minnesota  
Saint Paul, MN**

Instructor and Research Associate

**Jan. 2015 - Aug. 2015**

**United States Peace Corps  
Paraguay**

Volunteer Coordinator, Asunción, PY  
Agricultural Extensionist, Caazapa, PY

**Dec. 2007 - Jan. 2009**  
**Aug. 2005 - Dec. 2007**

## REFEREED JOURNAL PUBLICATIONS

- [1] Delbridge, T.A. 2021. "Robotic Strawberry Harvest is Promising but Will Need Improved Technology and Higher Wages to be Economically Viable." *California Agriculture*. 75(2):57-63. <https://doi.org/10.3733/ca.2021a0009>.
- [2] Delbridge, T.A. and X. Cai. 2020. "Following Along or Falling Behind? An Analysis of Internet Access During Lab-Based University Classes." *Applied Economics Teaching Resources*. Vol. 2. (Aug).
- [3] Delbridge, T.A. and R.P. King. 2019. "How Important is the Transitional Yield

(T-Yield)? An Analysis of Reforms to Organic Crop Insurance." *Agricultural Finance Review*. Vol. 79 (2).

- [4] Delbridge, T.A., R.P. King, G. Short., and K. James. 2017. "Risk and Red Tape: Barriers to Organic Transition for U.S. Farmers." *Choices*. Quarter 4.
- [5] Delbridge, T.A. and R.P. King. 2016. Transitioning to Organic Crop Production: A Dynamic Programming Approach. *Journal of Agricultural and Resource Economics*. Vol. 41 (3).
- [6] Delbridge, T.A., C. Fernholz, R.P. King, W. Lazarus. 2013. A Whole-Farm Profitability Analysis of Organic and Conventional Cropping Systems. *Agricultural Systems*. Vol. 122; 1-10.
- [7] Coulter, J. A., T.A. Delbridge, R.P. King, D.L. Allan, and C.C. Sheaffer. 2013. Productivity, Economics, and Soil Quality in the Minnesota Variable-Input Cropping Systems Trial. *Crop Management* doi:10.1094/CM-2013-0429-03-RS.
- [8] Delbridge, T.A., J.A. Coulter, R.P. King, C.C. Sheaffer, and D.L. Wyse. 2011. Economic Performance of Long-Term Organic and Conventional Cropping Systems in Minnesota. *Agronomy Journal*. Vol. 103-5; 1372-1382.

WORKING  
PAPERS

- [1] Delbridge, T.A. and S. Zuckoff. "Extraction Rate in Manual Strawberry Harvest Systems in California."
- [2] Chaudhry, A., T.A. Delbridge, and D. Fairbanks. "Turning Crisis into Opportunity: Organic Conversion during Droughts."

OTHER  
PUBLICATIONS  
AND REPORTS

- [1] Fairbanks, D., A. Chaudhry, and T. Delbridge. 2020. "Turning Crisis into Opportunity: Organic Conversion during Droughts." *North State Agricultural Bulletin*. Issue 3, Spring.
- [2] Delbridge, T.A. and D. Allen. "Economic Feasibility of Automated Calyx Removal in Strawberry Processing." *California Strawberry Commission 2018 Annual Research Report*.
- [3] Delbridge, T.A. "Economic Feasibility of Robotic Harvest in California Strawberry Production." *California Strawberry Commission 2018 Annual Research Report*.
- [4] Delbridge, T.A. and P. Shearer. "The Economic Impact of *Lygus hesperus* on California Strawberry Production." *California Strawberry Commission 2018 Annual Research Report*.
- [5] Delbridge, T.A. 2016. "Farm-direct Marketing #6 - Financial Management". *Oregon State University Extension Service*. PNW-206.
- [6] Delbridge, T.A., R.P. King, D. Nordquist, G. DiGiacomo, and M. Moynihan. 2015. "Farm Performance during the Transition to Organic Production: Analysis and Planning Tools Based on Minnesota Farm Record Data". *Staff Papers P15-6*. Department of Applied Economics, University of Minnesota.

- [7] Delbridge, T.A. 2014. "Comparative Profitability of Organic and Conventional Cropping Systems: An Update to Per-Hectare and Whole-Farm Analyses". Staff Papers P14-5. Department of Applied Economics, University of Minnesota.

RECENT  
PROFESSIONAL  
PRESENTATIONS

- [1] Fairbanks, D., A. Chaudhry, and T. Delbridge. "Turning Crisis into Opportunity: Organic Conversion During Droughts?". Poster at ARI PI Meeting, Sacramento, CA, October 24, 2019.
- [2] Delbridge, T.A. "The Economic Impact of *Lygus hesperus* on California Strawberry Production.". Selected Presentation at WAEA Annual Meeting, Coeur D'Alene, ID, 28-30 June, 2019.
- [3] Delbridge, T.A. "The Current and Potential Feasibility of Automation in Strawberry Processing". Selected Presentation at WAEA Annual Meeting, Anchorage, AK, 24-26 June, 2018.
- [4] Delbridge, T.A. and C. Connolly. "The Nature of Spatial Externalities in the Decision to Adopt Organic Production Systems". Selected Presentation at AAEA Annual Meeting, Chicago, IL, 1-3 August, 2017.
- [5] Laird, V. and T. Delbridge. "A Record Keeping and Enterprise Budgeting Tool for the Small Farm". Selected Presentation at Australian Agricultural and Resource Economics Society, Brisbane, Australia, February 8, 2017.
- [6] Hamilton, L., T. Delbridge and M. McCullough. "A Comparison of the Cost of Regulation in the Wine Industry: California vs. South Australia". Selected Presentation at Australian Agricultural and Resource Economics Society, Brisbane, Australia, February 8, 2017.
- [7] Delbridge, T.A. and C. Connolly. "The Nature of Spatial Externalities in the Decision to Adopt Organic Production Systems". Selected Presentation at Organic Agriculture Research Symposium, Lexington, KY, January 25, 2017.
- [8] Delbridge, T.A., R.P. King, D. Norquist, G. DiGiacomo, and M. Moynihan. "Farm Performance during the Transition to Organic Production: Analysis and Planning Tools Based on Minnesota Farm Record Data". Selected Presentation at Organic Agriculture Research Symposium, Pacific Grove, CA, January 20, 2016.
- [9] *A Foundational Understanding: Organic, non-GMO/GMO - Sourcing Opportunities and Challenges*, Invited Panelist at BB&T Capital Markets Food Summit: The Wellness Movement. New York, NY, December 2015.
- [10] Delbridge, T.A. and R.P. King. 2015. "An Analysis of Crop Insurance Alternatives for Organic Crop Producing Farms". Selected Poster at Organic Agriculture Research Symposium, La Crosse, WI, February 25, 2015.
- [11] King, R.P. and T.A. Delbridge. 2015. "Tools for Transition: Financial Data and Educational Resources for Farmers and Agricultural Professionals". MN Organic Conference, St. Cloud, MN, January 9, 2015.

COURSES  
TAUGHT

**California Polytechnic State University**

- Principles of Agribusiness Management
- Agribusiness Risk Management
- Agribusiness Decision Tools
- Introduction to Agricultural Finance
- Agribusiness Credit and Finance (*for non-majors*)
- Food and Fiber Marketing
- Agricultural Economics
- Senior Project - Applied Agribusiness Problems

**Oregon State University**

- Introduction to Environmental Economics and Policy

**University of Minnesota**

- Managerial Economics

PROFESSIONAL  
SERVICE  
ACTIVITY

- *Journal Review:* American Journal of Agricultural Economics, Agricultural Economics, Agricultural Finance Review, Agricultural Systems, Agronomy for Sustainable Development, Applied Economic Teaching Resources, eOrganic, Choices, Food Policy, Journal of Agricultural and Applied Economics, Journal of Agricultural and Resource Economics, Journal of Food Distribution Research, PLOS One, Sustainable Agronomy
- *Grant Review:* Cal Poly ARI Campus Review Committee, 2020, 2021; USDA-NIFA ORG Technical Review Committee, 2019; California Specialty Crop Block Grant Program Technical Review Committee, 2017, 2018;
- *Conference Review:* AAEA Annual Meetings, 2016, 2017, 2018; WAEA Annual Meetings, 2017-2020

AWARDS AND  
GRANTS

- **2022-2025** - \$470,170 - CDFA Specialty Crop Block Grant - "Supply Chain Disruptions and Retail Market Concentration: Lessons from COVID-19" - Collaborator
- **2022** - New Teaching Award - Cal Poly College of Agriculture, Food and Environmental Sciences
- **2020-2021** - \$50,000 - USDA-NIFA OREI Planning Grant - "Assessment of inadvertant chemical contamination of organic crops" - Co-PI
- **2019** - \$5,000 - Hyer Chase Founders Endowment
- **2018-2020** - \$62,343 - ARI - Chico State Campus Competitive - "Turning Crisis into Opportunity: Organic Conversion during Droughts" - Co-PI
- **2018-2019** - \$16,623 - California Strawberry Commission - "Economic Impact of Lygus Bugs in California Strawberry Production" - PI
- **2018-2019** - \$15,582 - California Strawberry Commission - "Economic Modeling and Feasibility of Automation Technology in Strawberry Production and Processing" - PI
- **2016-2017** - \$4,769 - ARI Seed Grant - "Information Sharing or Social Support? The Role of Spatial Externalities in the Organic Adoption Decision" - PI

- **2013-2014** - \$22,000 - University of Minnesota Doctoral Dissertation Fellowship
  - **2010,2011,2012,2013** - \$800 -Department of Applied Economics Travel Grants
  - **2009** - \$2,200 - University of Minnesota CCE Grant
- awards (heyer chase, teaching, ohter?)
  - teaching list.
  - update journal reviews

LANGUAGES      English (native), Spanish, Guarani