

**J A A E**

*Journal of*

**AGRICULTURAL**

*and* **APPLIED**

**ECONOMICS**

ISSN 1074-0708

Volume 50 | Number 1 | February 2018

<https://doi.org/10.1017/aae.2018.2> Published online by Cambridge University Press



**CAMBRIDGE**  
UNIVERSITY PRESS

# Journal of Agricultural and Applied Economics

## EDITORS

Michael R. Reed  
*University of Kentucky*

Sayed Saghaian  
*University of Kentucky*

## EDITORIAL COUNCIL

Jabir Ali  
*Indian Institute of Management,  
Lucknow*

Danny Campbell  
*University of Stirling*

Stephen Devadoss  
*University of Idaho*

Rebekka Dudensing  
*Texas A&M University*

Zhifeng Gao  
*University of Florida*

Jill Hobbs  
*University of Saskatchewan*

Sandra Hoffman  
*Economic Research Service, USDA*

Kim Jenson  
*University of Tennessee*

Ani Katchova  
*Ohio State University*

Nicole Mason  
*Michigan State University*

David Orden  
*Virginia Tech*

Michael Popp  
*University of Arkansas*

Marc Ribuado  
*Economic Research Service, USDA*

Ric Scarpa  
*Durham University, England*

Jesse Tack  
*Kansas State University*

Renato Villano  
*University of New England, Australia*

Nick Vink  
*Stellenbosch University, South Africa*

Yuqing Zheng  
*University of Kentucky*

# Journal of Agricultural and Applied Economics

---

VOLUME 50

FEBRUARY 2018

NUMBER 1

---

## ARTICLES

- Consequentiality beliefs and consumer valuation of extrinsic attributes in beef  
XIAOGU LI, KIMBERLY L. JENSEN, DAYTON M. LAMBERT AND  
CHRISTOPHER D. CLARK 1
- Southeastern consumers' willingness to pay for environmental production  
attributes of fresh tomatoes  
MCKENZIE MAPLES, MATTHEW G. INTERIS, KIMBERLY L. MORGAN  
AND ARDIAN HARRI 27
- Determinants of weanling thoroughbred auction prices  
CHARLOTTE R. HANSEN AND C. JILL STOWE 48
- Price determinants of bred cows  
JAMES L. MITCHELL, DERRELL S. PEEL AND B. WADE BRORSEN 64
- Crop production costs, profits, and ecosystem stewardship with precision  
agriculture  
DAVID SCHIMMELPFENNIG 81
- Economic impact of the sugarcane aphid outbreak in south texas  
SAMUEL D. ZAPATA, REBEKKA DUDENSING, DANIELLE SEKULA,  
GABRIELA ESPARZA-DÍAZ AND RAUL VILLANUEVA 104
- Looking beyond farm loan approval decisions: Loan pricing and nonpricing  
terms for socially disadvantaged farm borrowers  
CESAR L. ESCALANTE, ADENOLA OSINUBI, CHARLES DODSON AND  
CARMINA E. TAYLOR 129