



**AgEcon** SEARCH  
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search  
<http://ageconsearch.umn.edu>  
[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

# Assessing Tennessee Consumers' Willingness to Pay for Food Protection

Fisseha Tegegne, Samuel Nahashon and Ahmad Aziz

This presentation highlights results of training workshops in agricultural bio-security and delivery of relevant information to diverse stakeholders. The workshops were held at the Institute of Agricultural and Environmental Research, Tennessee State University. They are funded by the CSREES, USDA. Two training workshops have been held, and another will be conducted during this year. The workshops were scheduled both during the academic year and in the summer. This was done to accommodate as many participants as possible. The participants involved in the workshops were mixed and include Tennessee State University students, teaching faculty, extension personnel, researchers, high school agriculture teachers, and health and other science instructors.

A majority of the participants were recruited through the State Department of Education and by direct invitation. Material on CD prepared by University of Kentucky Extension Service was shared with the participants. Speakers from universities and government agencies were also invited to make presentations on specific topics in which they have expertise. Some of the issues discussed were vulnerabilities in crops, livestock, and the food supply due to deliberate action aimed at causing economic and non-economic damage.

During the first workshop, a written assessment was given to evaluate how much the participants learned from the training. During the second workshop, a one-page survey was used to get feedback

from participants on a number of issues ranging from their level of concern about agricultural biosecurity to socio-demographic characteristics. Of the fifty-three participants, responses were received from thirty-eight people, a 72-percent response rate. About 37 percent and 63 percent of the participants indicated that they have learned a lot and quite a bit, respectively. Two-thirds of the respondents were over thirty years old.

A very high proportion (87 percent) of workshop participants indicated that their concern about bio-security ranged from high to very-high. The participants indicated strong interest in protecting the food supply and are willing to pay between five percent and 20 percent extra. The training helped to increase awareness of bio-security issues among the participants. Each participant received a book titled *Crisis and Emergency Risk Communication* (CDC 2002) and a Certificate of training completion. Future workshop will engage more agriculture teachers and extension agents who have access to a large number of students and farmers, respectively. This work provides a useful basis to undertake related future work and can be adopted by others.

## References

Centers for Disease Control and Prevention. 2002. *Crisis and Emergency Risk Communication*. <http://www.bt.cdc.gov/erc/leaders.pdf>.

---

Tegegne is research associate professor, Nahashon is associate dean and research associate professor, and Aziz is research assistant professor, Institute of Agricultural and Environmental Research (IAgER), Tennessee State University, Nashville.