PROJECT NUMBER: NE-1017

TITLE: Developing and Integrating Components for Commercial Greenhouse Production Systems

PROJECT DURATION: October 1, 2003 to September 30, 2008

REPORTING PERIOD: June 1, 2007 to May 31, 2008

REPORT DATE: June 10, 2008

PUBLICATIONS:

Dissertations, Theses (Published)


Books (Published)

None

Book Chapters (Published)


Refereed Journal Articles (Published)


**Symposium Proceedings Articles (Published)**


Popular Articles (Published)


Montesano, F., M. van Iersel, and P. Santamaria. 2007. Così si può controllare la fertilizzazione in serra. (Translated title: This is how it is possible to control fertilization in greenhouses) Colture Protette. Orticoltura e floricoltura 36(2):21-30.


Presentations (Papers)


Other Creative Works


Extension Publication


Websites
The University of Arizona Controlled Environment Agriculture Center home page: http://ag.arizona.edu/ceac
Tomato Live! Website: http://ag.arizona.edu/ceac/tomlive/index.htm
Greenhouse education materials repository: http://badger.uvm.edu/dspace/handle/2051/1924
Growing Hydroponic Tomatoes http://ag.arizona.edu/hydroponictomatoes/

Workshop Sponsor


Greenhouse and Power Plants Workshop. January 24, 2008. University scientists, local energy providers (Tim McDonald of APS), and economic development interests gathered to discuss APS representative to discuss interest in greenhouse applications adjacent to power plants for improving resource (heat, CO2, water) utilization, and for the subsequent economic development that would arise for Arizona, with focus on synergistic relationship of power plants and proven CEA technologies. Supported by Drs. M. Kacira, and G. Giacomelli. The University of Arizona, CEAC. 25 participants.


**Workshop Participant**


Giacomelli, G. 2008. Controlled Environment Opportunities….It’s not just tomatoes. Invited presentation to the AAAS-SWARM southwest and rocky mountain division of AAAS by the Sandia National Laboratory and the University of New Mexico. April 11.

Giacomelli, G., 2008. New Developments in Controlled Environment Agriculture. Presentation at the 2nd Annual Southwest Ag Summit Conference. Yuma Fresh Vegetable Association and the University of Arizona.


**Refereed Journal Articles (Pending)**


Keesung, K., G. A. Giacomelli, S-W Nam and, J-E, Son. CFD Modeling to Improve the Design of a Fog System for Cooling Greenhouses. *Transactions of the ASAE*


