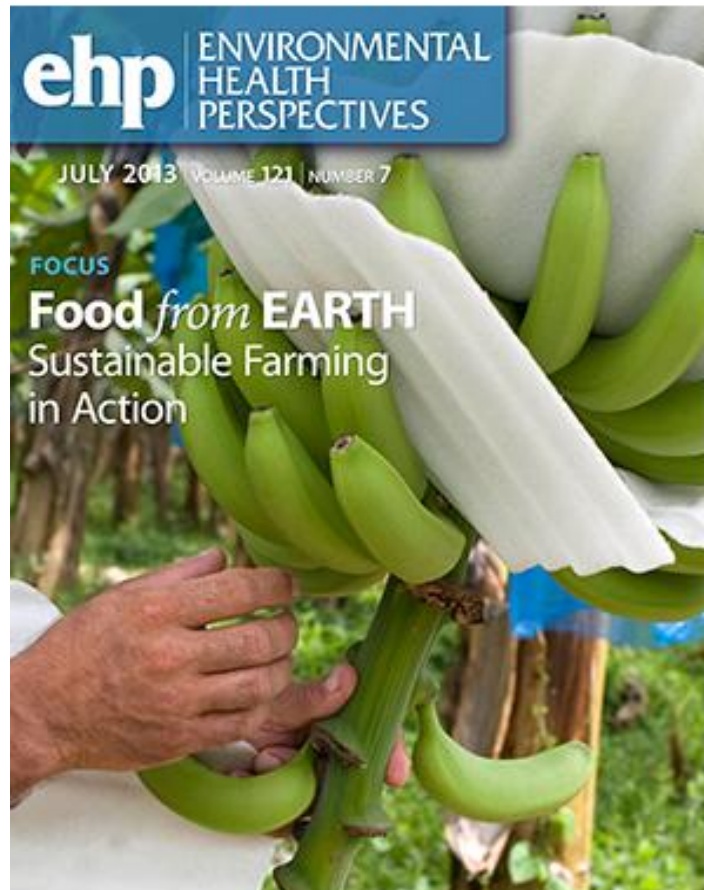


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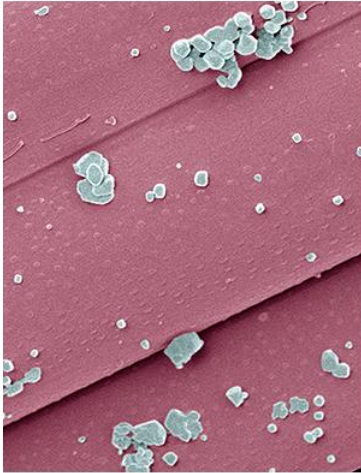
FOOD FROM EARTH: SUSTAINABLE FARMING IN ACTION

Wendee Nicole | A212

Over the past 30 years professors and students at Costa Rica's EARTH University (Escuela de Agricultura de la Región Tropical Húmeda) have developed safer and more sustainable methods of banana cultivation. The university is impacting the larger banana industry and nations around the world as EARTH alumni take sustainable agriculture initiatives and new business opportunities back to their home countries.

SPHERES OF INFLUENCE

Nanosilver: Weighing the Risks and Benefits



Nate Seltenrich | A220

The use of silver as an antimicrobial is nothing new, but recent advances in the ability to manipulate nanosilver particles, plus evidence that silver can fight antibiotic-resistant bacteria, have led to a surge of new innovations. But consensus remains elusive on subjects as essential as how nanosilver behaves in the body, how the influx of silver affects the environment, and the extent to which its use is apt to breed strains of resistant microbes.

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Arsenical Association: Inorganic Arsenic May Accumulate in the Meat of Treated Chickens

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Filling In the Blanks on Solid Fuel Use: New Model Illustrates Trends, Highlights Needs

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Tox21 to Date: Steps toward Modernizing Human Hazard Characterization

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Outdoor Smoking Areas: Does the Science Support a Ban?

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