



## **Greenlighting New GE Soil Microbes Without Assessing Risks**

### **Why Genetically Engineered Soil Microbes Are Concerning**

Kendra Klein, PhD, writes for Food Tank:

"Among the things companies want to do is genetically engineer [biologicals]—specifically, to engineer microscopic living creatures in the soil, like bacteria and fungi, to enhance their ability to kill pests or to generate nutrients like nitrogen.

A new report from Friends of the Earth explores the potential implications of this novel use of genetic engineering, something that is fundamentally different from the genetically engineered (GE) crops that have been the center of debate for decades."

Read more: <https://orgcns.org/3sXi45b>

### **Aerosol Geoengineering Will Not Stop Antarctic Ice Sheet From Melting**

Physics World reports:

"Artificially dimming the Sun by injecting aerosols into Earth's atmosphere may help to delay a significant consequence of climate change in Antarctica, but not stop it — researchers in Switzerland and the UK have revealed. Through new simulations, a team led by Johannes Sutter at the University of Bern has showed that the collapse of the West Antarctic Ice Sheet (WAIS) can only be avoided if we eliminate global emissions of greenhouse gases as quickly as possible.

Climate scientists have been warning that global efforts to end our reliance on fossil fuels are not happening fast enough to avoid dangerous consequences for Earth's climate in the coming centuries. Indeed, some scientists argue that the situation is so urgent that we should investigate geoengineering schemes for cooling the Earth."

Read more: <https://orgcns.org/3PG3o35>

TAKE ACTION: Say No To Solar Geo! <https://orgcns.org/44M0j6q>

### **Why Collagen Is a Proven Necessity**

Analysis by Dr. Joseph Mercola:

"\* Collagen is the most common and abundant of your body's proteins, accounting for about 30% of the total protein in your body. One of its primary purposes is to provide structural scaffolding to allow tissues to stretch and flex while maintaining tissue integrity

\* Collagen is found in your skin, connective tissues like tendons, ligaments, cartilage and fascia, your bones, organs, blood vessels, musculoskeletal system, hair and nails

\* The loss of collagen that occurs with age is the primary reason for wrinkles, dry sagging skin and lackluster hair. You can maintain a more youthful appearance by making sure you're getting plenty of collagen and/or gelatin in your diet

\* Collagen is also crucial for bone health and recovery from soft tissue injuries, and can help improve sleep, reduce joint pain, improve gut health, glucose tolerance and blood pressure, reduce cardiovascular damage, lower your risk of osteoporosis, and lower inflammation and oxidative damage"

Read more: <https://orgcns.org/3roKPxM>

### **Advocates Call on Congress to Protect and Strengthen Anti-Hunger Benefits in Farm Bill**

Suzanne Potter writes in California News Service:

"We can achieve [higher, more accessible SNAP benefits] in the program,' said Luis Guardia, 'by linking benefits to a more realistic food plan, ending time limits for the unemployed, repealing the ban on individuals with a drug felony, dropping extra work requirements for full-time college students, and ending the prohibition on hot prepared foods.'

Mike Lavender, policy director at the National Sustainable Agriculture Coalition, said the farm bill is an opportunity to put our values into practice.

Advocates would like to see the Farm Bill include national rules to require water and rest breaks for farm workers."

Read more: <https://orgcns.org/3Ro2xp3>

TAKE ACTION: Demand a Better Farm Bill!

<https://orgcns.org/3KSr1mb>

### **U.S. Spy Agency Dreams of Surveillance Underwear It's Calling "SMART ePANTS"**

Ken Klippenstein and Daniel Boguslaw report in The Intercept:

"The Office of the Director of National Intelligence is throwing \$22 million in taxpayer money at developing clothing that records audio, video, and location data.

Billed as the 'largest single investment to develop Active Smart Textiles,' the SMART ePANTS — Smart Electrically Powered and Networked Textile Systems — program aims to develop clothing capable of recording audio, video, and geolocation data, the Office of the Director of National Intelligence announced in an August 22 press release. Garments slated for production include shirts, pants, socks, and underwear, all of which are intended to be washable.

There is already evidence that private industry outside of the national security community are interested in smart clothing. Meta, Facebook's parent company, is looking to hire a researcher 'with broad knowledge in smart textiles and garment construction, integration of electronics into soft and flexible systems, and who can work with a team of researchers working in haptics, sensing, tracking, and materials science.'"

Read more: <https://orgcns.org/3ZimlvQ>

### **The Magic of Mini-Forests**

Chelsea Green Publishing writes:

Mini-Forest Revolution: A Foreword by Paul Hawken

"It is rare that a book describing a climate solution flows like honey and reads like silk. It is equally uncommon to find an action that everyone can do. Hannah Lewis describes a gift to a despairing world, a way to change the Earth in practical, restorative, and substantive ways, a simple act that creates beauty and enchantment: a mini-forest.

Read more: <https://orgcns.org/3Rmw7Ly>

• **SUBSCRIBE:** <https://orgcns.org/SUBSCRIBE> • **DONATE:** <https://orgcns.org/DONATE> •

Condensed version • Read the full version online: <https://orgcns.org/OB818> • Read more issues: <http://orgcns.org/bytes>