



**Interview technical experts involved in researching new soy technology or United Soybean Board farmer-leaders involved in funding the research of new soy technology.**

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**More Furniture Companies Using Soy Foam**

As more and more companies look to make their products more environmentally friendly, a growing number of furniture companies are incorporating soy-based foam into cushions and mattresses. The list of furniture companies that use Cargill's BiOH in one or more of their product lines now stands at more than 50. BiOH, like many other soy-based industrial and consumer products, uses homegrown, renewable soybean oil as a replacement for unsustainable petrochemicals. According to a lifecycle analysis conducted by Cargill, BiOH results in 61 percent less nonrenewable energy use and 36 percent less greenhouse gas emissions. To see the entire list of companies using soy-based foam, click [here](#). For more information on BiOH, click [here](#).

**Soy Takes the Field at All Levels of Sports**

When they won Super Bowl XXXIV, the St. Louis Rams were nicknamed the Greatest Show on Turf. The next time the Rams play a home game, they'll play it on turf that includes soy. Installation of AstroTurf USA's new GameDay Grass, which includes a soy-based turf backing product called BioCel from Universal Textile Technologies (UTT), is currently under way at the Edward Jones Dome, home of the Rams. UTT, which also manufactures a soy-based carpet backer, has partnered with USB since 2004. The Rams represent just the most recent addition to a list of hundreds of high school, college and professional sports teams that compete on soy. Besides the Rams and Buffalo Bills in the NFL, the Toronto Blue Jays installed GameDay Grass for the current baseball season, and Major League Baseball recently announced AstroTurf as its official turf. To find out if one of your local sports teams plays on soy, visit [www.astroturfusa.com](http://www.astroturfusa.com). For more information on BioCel, click [here](#).

**Soybean Oil Praised as Environmental Cleanup Agent**

Mixing oil and water generally doesn't work too well. But one company figured out how to use soybean oil to remove contaminants from the water we drink. Edible Oil Substrate (EOS), produced by EOS Remediation, uses soybean oil to stimulate the process of *in situ* anaerobic biodegradation, in which microorganisms turn toxic chemicals found in groundwater into nontoxic end products. According to EOS Remediation, one application lasts at least three years, long enough to take care of most cleanup jobs, making it one of the most sustainable remediation products available. EOS says its product is currently being used on between 200 and 300 cleanup projects and estimates the U.S. bioremediation market to be worth as much as \$1 billion per year. To learn more about soy-based bioremediation products, click [here](#).

**Soy-Based Sunscreen Shines in Testing**

By combining soybean oil with natural antioxidant ferulic acid, scientists with the U.S. Department of Agriculture's Agricultural Research Service formulated a biobased, biodegradable and water-resistant sunscreen called SoyScreen that protects against the sun's UVA and UVB rays. Results of tests that compared SoyScreen to four commercial UV absorbents suggest SoyScreen could replace all four. SoyScreen outperformed the commercial chemicals on UVA absorbency at wavelengths between 330 and 360 nanometers, which cause long-term problems such as wrinkles and skin cancer. The soybean oil-ferulic acid mixture, which is currently being used in cosmetic products, is produced by iSoy Technologies. To learn more about SoyScreen, click [here](#).

To learn more about soy-based products, visit USB's *Soy Products Guide* online at [www.soynewuses.org](http://www.soynewuses.org).

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USB is made up of 68 farmer-directors who oversee the investments of the soybean checkoff on behalf of all U.S. soybean farmers. Checkoff funds are invested in the areas of animal utilization, human utilization, industrial utilization, industry relations, market access and supply. As stipulated in the Soybean Promotion, Research and Consumer Information Act, USDA's Agricultural Marketing Service has oversight responsibilities for USB and the soybean checkoff.