

ADM and Spiber to Partner on Production of Innovative Biobased Polymers

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ADM (NYSE: ADM) and Spiber Inc. (Spiber) today announced an agreement to expand the production of Spiber's innovative Brewed Protein polymers for use in apparel and other consumer products. The collaboration will combine Spiber's cutting-edge structural protein fermentation technology with ADM's deep expertise in large-scale fermentation technologies, engineering, operations and extensive agricultural supply chain.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20201005005655/en/>

The Brewed Protein polymers will be produced by ADM in the U.S. using plant-based dextrose as a feedstock, and then shipped to Spiber downstream facilities, where they will be processed into an array of materials; primarily fibers; for use in a variety of applications such as apparel, lightweight auto parts, high-performance foams, and more. Brewed Protein polymers will play a critical role in expanding the range of plant-based, sustainable alternative materials.

"Consumers are increasingly demanding sustainable innovation in the products they purchase, and we're excited to partner with Spiber to help bring this leading-edge technology to market," said Ian Pinner, ADM's Chief Strategy and Innovation Officer and president of the company's Health & Wellness division.

"From our partnerships with farmers and our efficient origination network, to our ability to provide sustainably sourced feedstocks from nature, to our expertise in fermentation and ability to scale technology to commercial production, our end-to-end capabilities give us a substantial leadership position in this fast-growing market," Pinner continued. "Across ADM, we are creating value for customers and shareholders alike by finding innovative, exciting ways to use our array of plant-based products. From alternative proteins to substitutes for petroleum-based plastics, we're excited to lead in the creation of whole new generations of in-demand, sustainable products."

"After more than a year of working closely with ADM, we are pleased to take our partnership to the next level and expand Spiber's production to the U.S.," said Kazuhide Sekiyama, Spiber's Co-founder, Director, and Representative Executive Officer. "ADM has an amazing team, providing significant value for our business not only through its fermentation expertise, but also as a provider of quality, corn-based raw materials used in our process."

"This collaboration takes us to a new phase in the commercialization of Spiber's materials; one in which Brewed Protein will be more widely available and at costs suitable for broader markets," Sekiyama continued. "Proteins represent the pinnacle material platform evolved and adopted by life on earth to ensure survival. Spiber remains committed to blazing a trail in providing such material alternatives for industry and playing a role in the transition to a more sustainable society. We are excited to be taking the next important steps in that process together with ADM."

In 2019, the two companies began a long-term collaboration, in which ADM provided technical, engineering and process support, along with access to production resources, to help develop and test Spiber's process at scale. Following the successful completion of that work, the second phase announced today extends the partnership between the two companies, creating a pathway toward commercial-scale production in the coming years.

Forward-Looking Statements

Some of the above statements constitute forward-looking statements. ADM's filings with the SEC provide detailed information on such statements and risks, and should be consulted along with this release. To the extent permitted under applicable law, ADM and Spiber assume no obligation to update any forward-looking statements.

About ADM

At ADM, we unlock the power of nature to provide access to nutrition worldwide. With industry-advancing innovations, a complete portfolio of ingredients and solutions to meet any taste, and a commitment to sustainability, we give customers an edge in solving the nutritional challenges of today and tomorrow. We're a global leader in human and animal nutrition and the world's premier agricultural origination and processing company. Our breadth, depth, insights, facilities and logistical expertise give us unparalleled capabilities to meet needs for food, beverages, health and wellness, and more. From the seed of the idea to the outcome of the solution, we enrich the quality of life the world over. Learn more at www.adm.com.

About Spiber

Established in September 2007, Spiber Inc. is a Japanese biotechnology startup utilizing cutting-edge synthetic biology, polymer, and material science for the development of novel protein materials known as Brewed Protein. Produced through microbial fermentation and utilizing agricultural feedstocks as their primary raw material, Brewed Protein polymers are well-positioned to make significant contributions to animal-free and plastic-free initiatives in a range of fields, such as the apparel and automotive industries. Leveraging its R&D expertise, Spiber pursues its mission of positively contributing to sustainable human well-being.

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Contact

Media Contacts
ADM
Jackie Anderson
media@adm.com
312-634-8484

Spiber
Spiber website: [https://www.spiber.jp/en/](https://www.spiber.jp/en/contact@spiber.jp)
contact@spiber.jp

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